

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073019\
 Data File : VX011240.D
 Acq On : 31 Jul 2019 09:38
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 08 05:28:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	176213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	264413	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	247589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	135362	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	97711	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
35) Dibromofluoromethane	5.49	113	87243	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
50) Toluene-d8	8.71	98	317398	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	11.13	95	124237	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	81206	43.292	ug/l	99
3) Chloromethane	1.32	50	76883	47.446	ug/l	97
4) Vinyl Chloride	1.41	62	82649	50.004	ug/l	98
5) Bromomethane	1.64	94	41851	44.932	ug/l	97
6) Chloroethane	1.71	64	54458	51.846	ug/l	97
7) Trichlorofluoromethane	1.92	101	147657	52.775	ug/l	96
8) Diethyl Ether	2.19	74	50933	52.835	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	79591	49.822	ug/l	98
10) Methyl Iodide	2.51	142	99748	47.581	ug/l	100
11) Tert butyl alcohol	3.06	59	112473	257.620	ug/l	100
12) 1,1-Dichloroethene	2.37	96	76329	48.630	ug/l	95
13) Acrolein	2.29	56	51130	202.701	ug/l	96
14) Allyl chloride	2.73	41	109437	48.001	ug/l	100
15) Acrylonitrile	3.14	53	239712	271.719	ug/l	99
16) Acetone	2.45	43	204580	241.627	ug/l	97
17) Carbon Disulfide	2.57	76	159328	39.573	ug/l	99
18) Methyl Acetate	2.78	43	122452	63.516	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	272593	53.949	ug/l	100
20) Methylene Chloride	2.85	84	91554	51.025	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	81034	48.658	ug/l	97
22) Diisopropyl ether	3.85	45	261397	54.363	ug/l	97
23) Vinyl Acetate	3.82	43	1065234	261.464	ug/l	100
24) 1,1-Dichloroethane	3.70	63	145767	52.200	ug/l	100
25) 2-Butanone	4.67	43	327645	269.579	ug/l	99
26) 2,2-Dichloropropane	4.58	77	60227	26.267	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	97632	50.654	ug/l	96
28) Bromochloromethane	5.01	49	64260	48.833	ug/l	98
29) Tetrahydrofuran	5.13	42	209535	272.166	ug/l	99
30) Chloroform	5.21	83	160944	53.322	ug/l	97
31) Cyclohexane	5.58	56	120556	47.364	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	136504	52.273	ug/l	99
36) 1,1-Dichloropropene	5.80	75	107849	49.656	ug/l	99
37) Ethyl Acetate	4.84	43	121565	54.661	ug/l	100
38) Carbon Tetrachloride	5.79	117	118750	52.469	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	129920	46.127	ug/l	99
40) Benzene	6.14	78	339769	51.070	ug/l	100
41) Methacrylonitrile	5.04	41	68568	54.311	ug/l	98
42) 1,2-Dichloroethane	6.20	62	125284	54.160	ug/l	98
43) Isopropyl Acetate	6.45	43	199636	54.592	ug/l	98
44) Trichloroethene	7.21	130	97441	49.480	ug/l	92
45) 1,2-Dichloropropane	7.51	63	87944	51.936	ug/l	98
46) Dibromomethane	7.66	93	65180	53.868	ug/l	99
47) Bromodichloromethane	7.90	83	119109	55.300	ug/l	100
48) Methyl methacrylate	7.77	41	98672	55.388	ug/l	97
49) 1,4-Dioxane	7.74	88	53384	1071.292	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	677581	285.835	ug/l	100
52) Toluene	8.78	92	222824	50.983	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	114676	49.515	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	125695	48.775	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	99076	55.056	ug/l	98
56) Ethyl methacrylate	9.18	69	148398	56.375	ug/l	99
57) 1,3-Dichloropropane	9.37	76	153203	53.666	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	330328	262.880	ug/l	100
59) 2-Hexanone	9.49	43	526736	286.484	ug/l	99
60) Dibromochloromethane	9.58	129	103869	50.144	ug/l	100
61) 1,2-Dibromoethane	9.67	107	104583	54.761	ug/l	100
64) Tetrachloroethene	9.33	164	94471	48.503	ug/l	97
65) Chlorobenzene	10.14	112	256024	50.346	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	96480	53.983	ug/l	99
67) Ethyl Benzene	10.25	91	447456	51.695	ug/l	99
68) m/p-Xylenes	10.36	106	342781	103.239	ug/l	100
69) o-Xylene	10.69	106	168352	51.954	ug/l	98
70) Styrene	10.71	104	293565	54.346	ug/l	100
71) Bromoform	10.85	173	79463	48.891	ug/l	99
73) Isopropylbenzene	11.02	105	456091	49.866	ug/l	100
74) N-amyl acetate	10.90	43	181825	52.028	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	157732	52.697	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	163462	66.919	ug/l	84
77) Bromobenzene	11.26	156	124408	49.312	ug/l	99
78) n-propylbenzene	11.36	91	516102	51.069	ug/l	99
79) 2-Chlorotoluene	11.42	91	306200	50.437	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	391228	51.190	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	35949	38.298	ug/l	95
82) 4-Chlorotoluene	11.51	91	357924	50.655	ug/l	100
83) tert-Butylbenzene	11.77	119	385325	51.328	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	396224	51.437	ug/l	98
85) sec-Butylbenzene	11.94	105	455931	51.832	ug/l	100
86) p-Isopropyltoluene	12.06	119	423432	52.069	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	220857	50.444	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	220790	49.170	ug/l	99
89) n-Butylbenzene	12.38	91	360708	51.846	ug/l	100
90) Hexachloroethane	12.60	117	67192	52.385	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	218996	50.469	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34419	55.011	ug/l	97

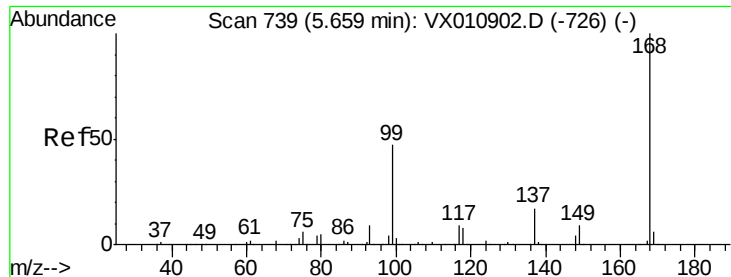
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073019\
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Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	151551	51.535	ug/l	98
94) Hexachlorobutadiene	13.78	225	71793	49.265	ug/l	99
95) Naphthalene	13.83	128	492302	56.692	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	157028	53.667	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

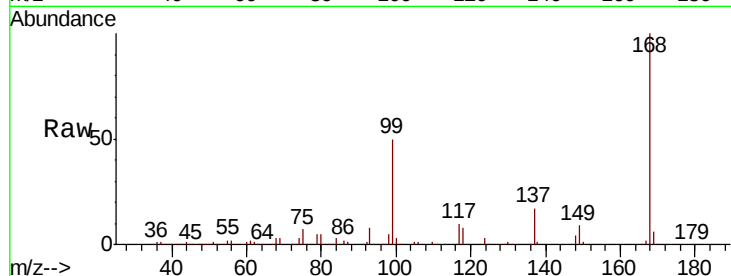
VSTDCCC050EC

Tgt Ion:168 Resp: 176213

Ion Ratio Lower Upper

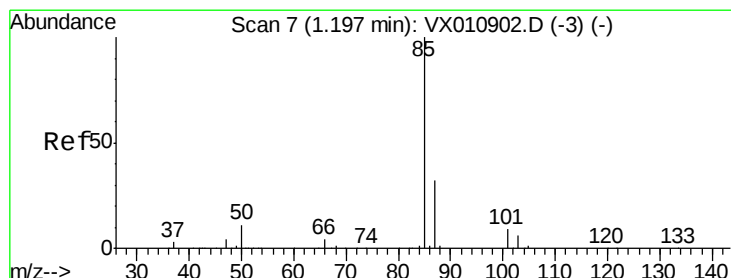
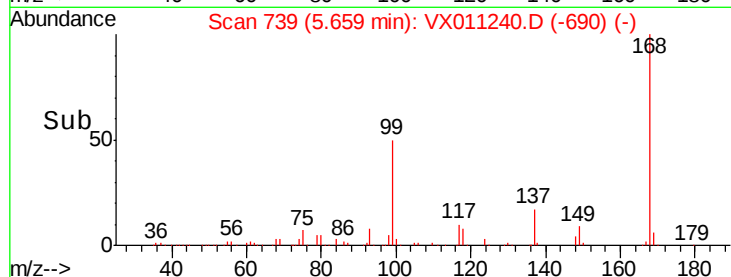
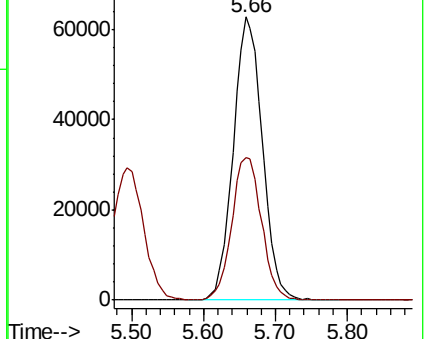
168 100

99 50.3 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 43.292 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011240.D

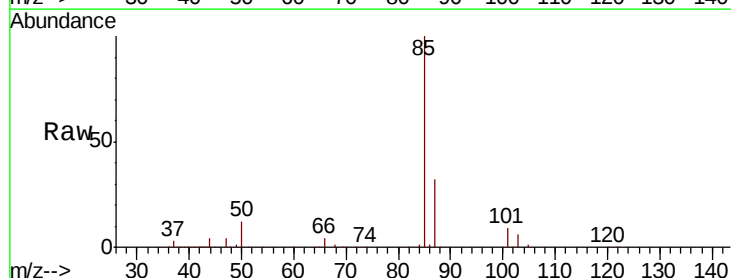
Acq: 31 Jul 2019 09:38

Tgt Ion: 85 Resp: 81206

Ion Ratio Lower Upper

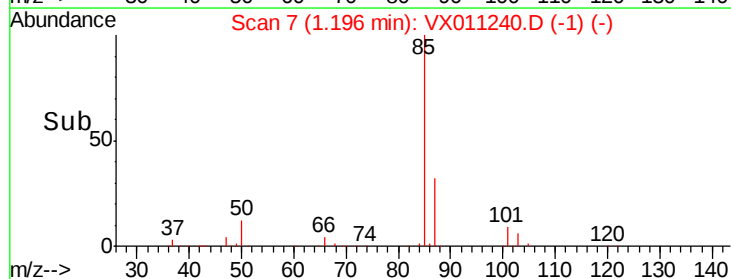
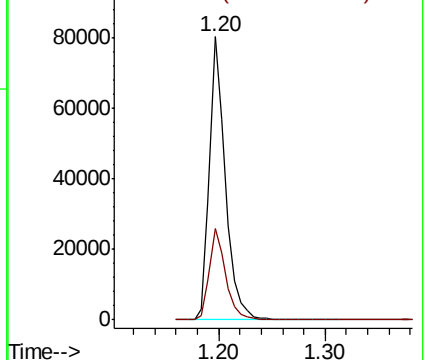
85 100

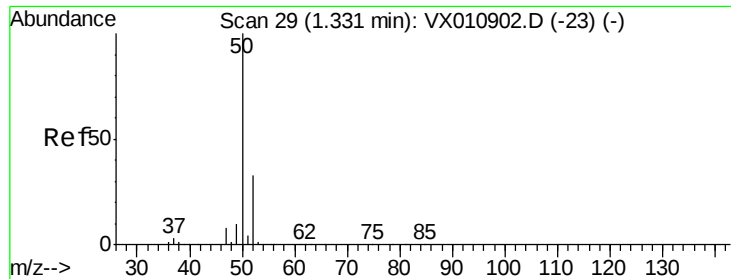
87 32.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.446 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

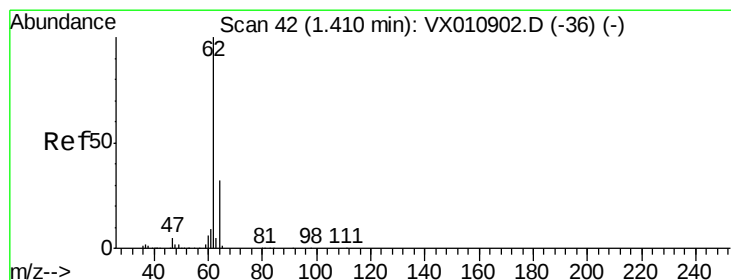
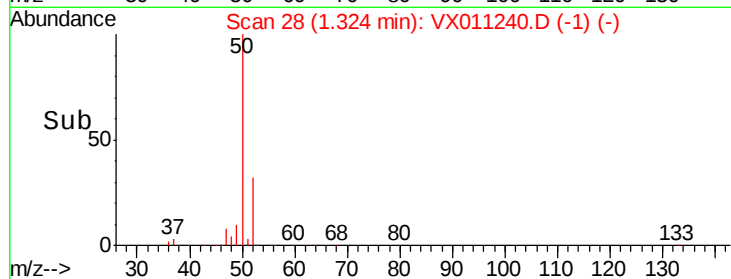
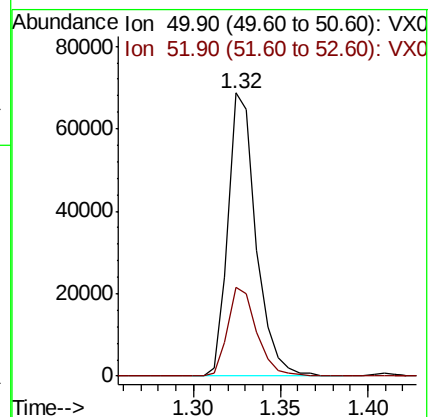
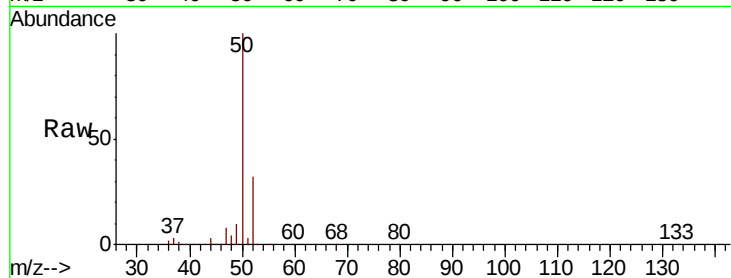
VSTDCCC050EC

Tgt Ion: 50 Resp: 76883

Ion Ratio Lower Upper

50 100

52 31.5 26.4 39.6



#4

Vinyl Chloride

Concen: 50.004 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011240.D

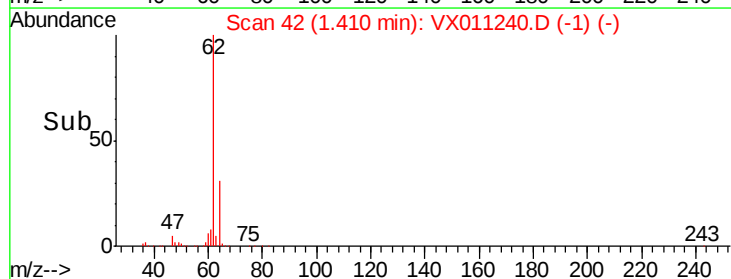
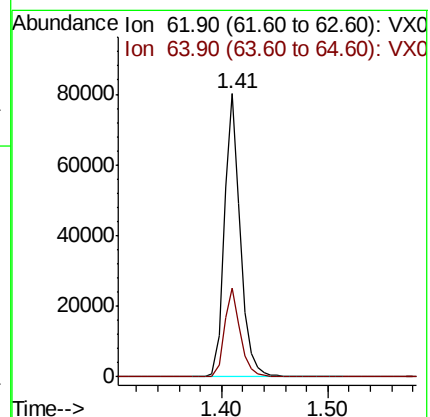
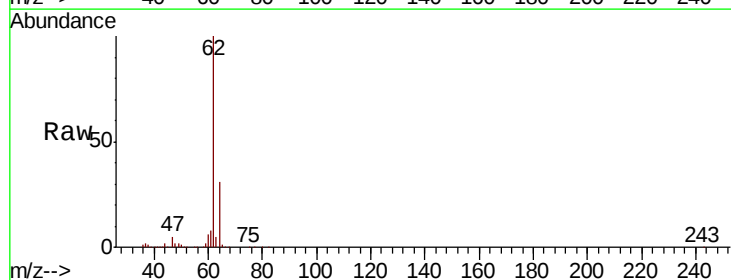
Acq: 31 Jul 2019 09:38

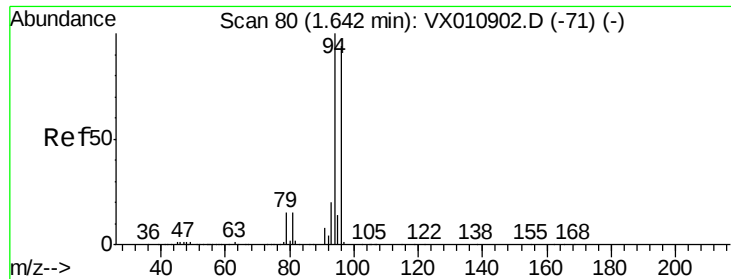
Tgt Ion: 62 Resp: 82649

Ion Ratio Lower Upper

62 100

64 31.1 25.7 38.5





#5

Bromomethane

Concen: 44.932 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

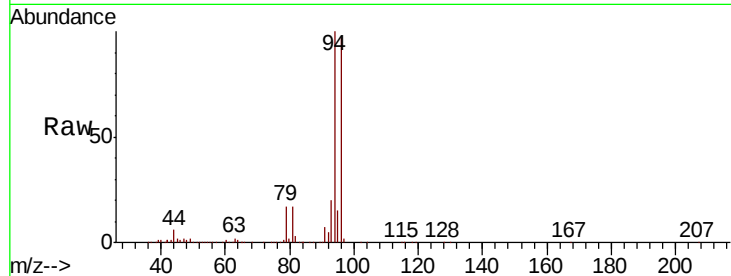
VSTDCCC050EC

Tgt Ion: 94 Resp: 41851

Ion Ratio Lower Upper

94 100

96 97.1 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

30000

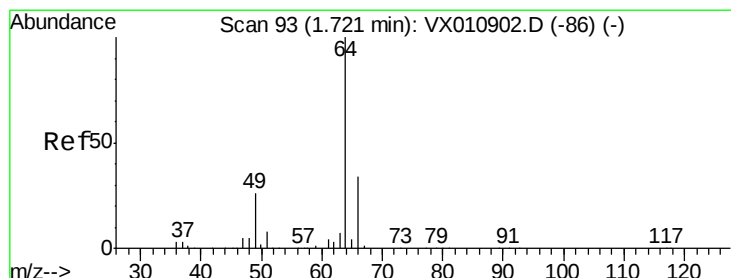
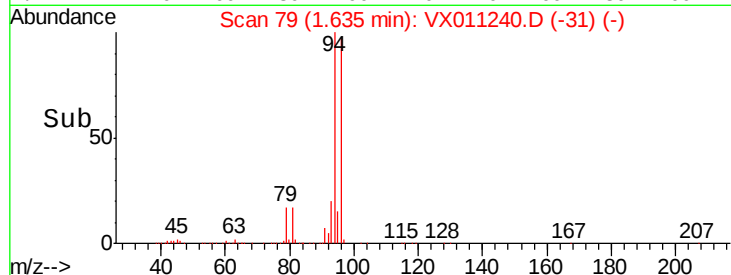
20000

10000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 51.846 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX011240.D

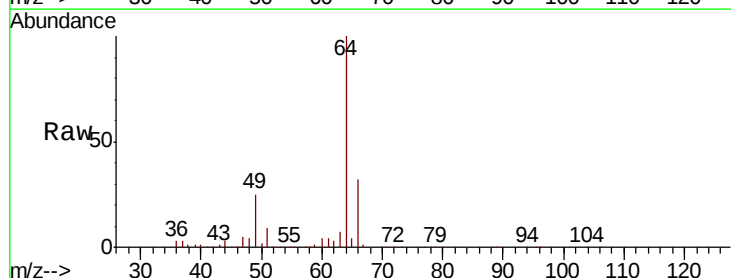
Acq: 31 Jul 2019 09:38

Tgt Ion: 64 Resp: 54458

Ion Ratio Lower Upper

64 100

66 31.8 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

40000

30000

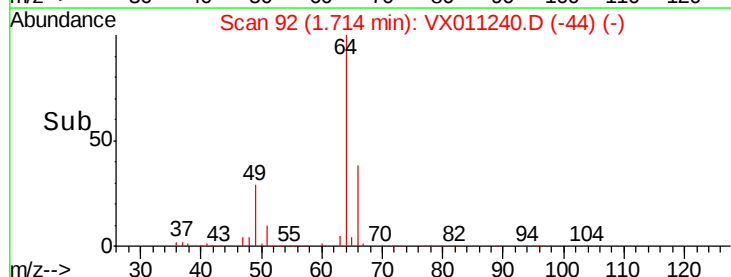
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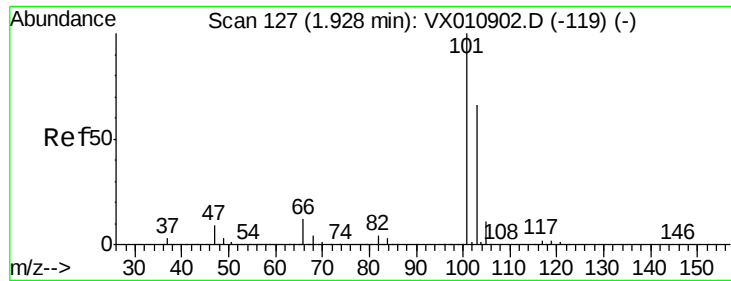
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Time-->

1.60 1.65 1.70 1.75 1.80



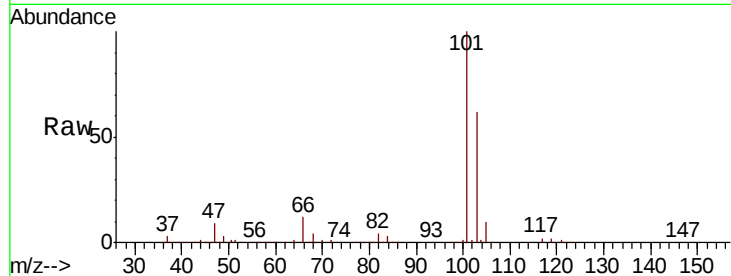


#7

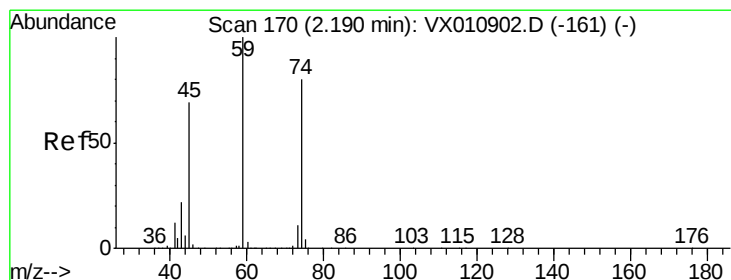
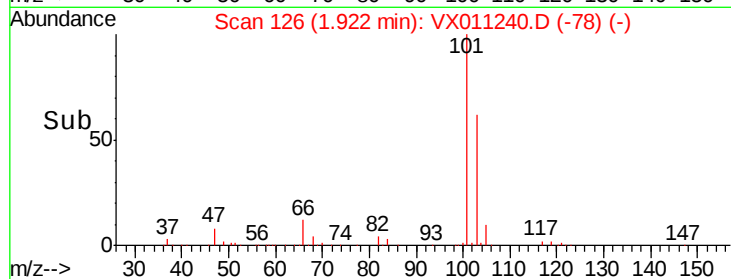
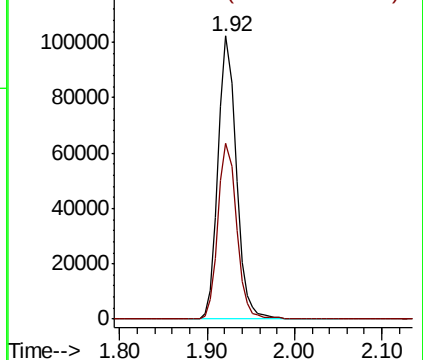
Trichlorofluoromethane
 Concen: 52.775 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX011240.D
 Acq: 31 Jul 2019 09:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 101 Resp: 147657
 Ion Ratio Lower Upper
 101 100
 103 62.2 52.6 78.8



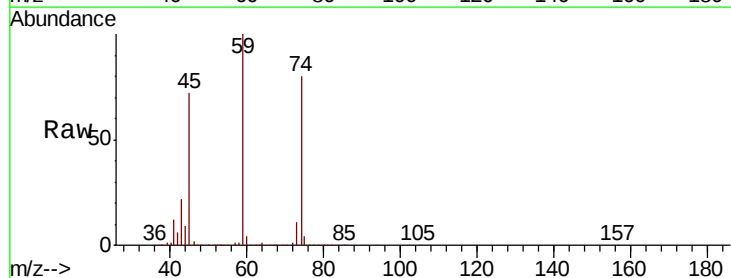
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



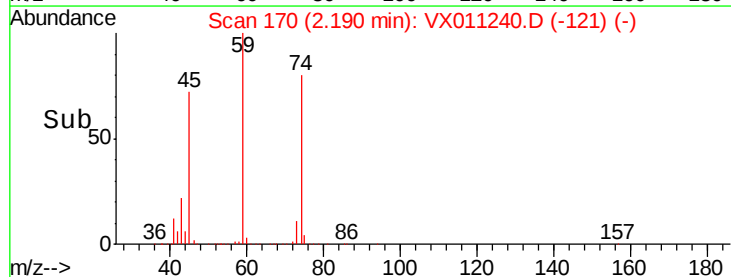
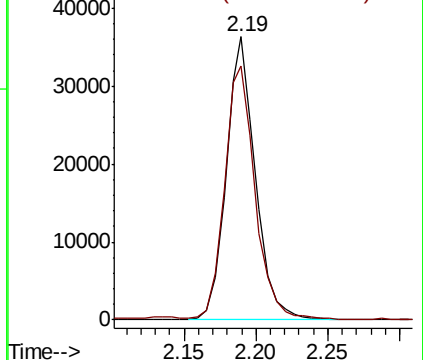
#8

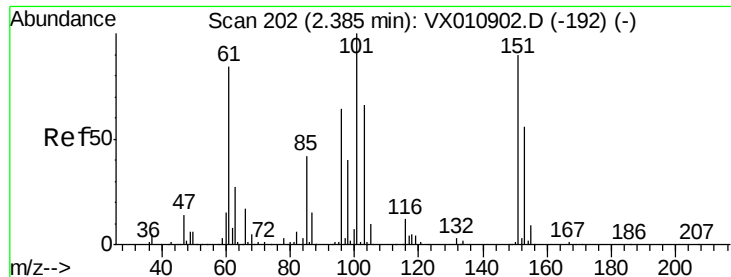
Diethyl Ether
 Concen: 52.835 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX011240.D
 Acq: 31 Jul 2019 09:38

Tgt Ion: 74 Resp: 50933
 Ion Ratio Lower Upper
 74 100
 45 94.2 45.5 136.5



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.822 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

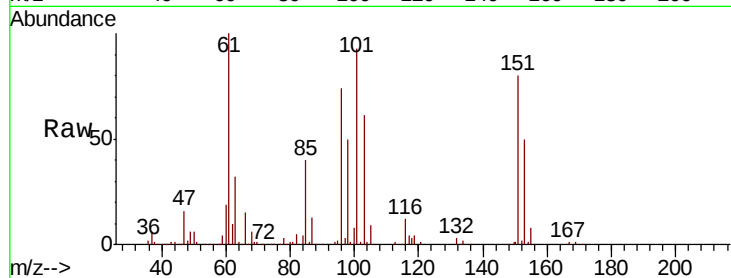
Tgt Ion:101 Resp: 79591

Ion Ratio Lower Upper

101 100

85 42.9 34.6 52.0

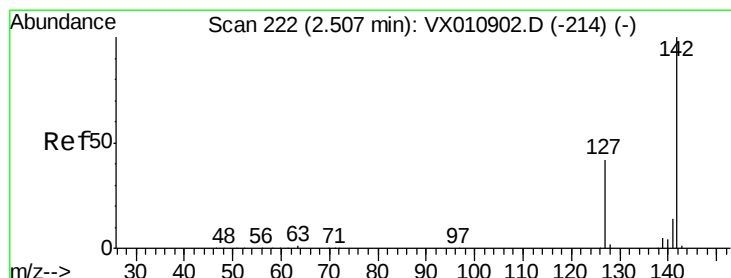
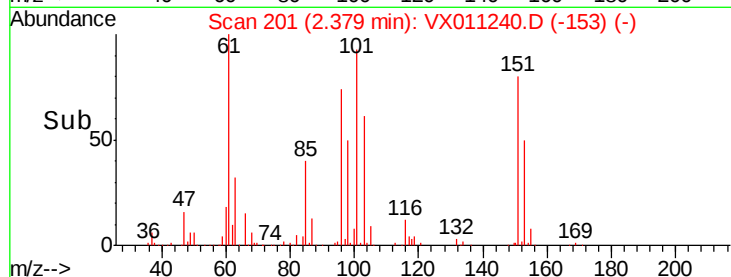
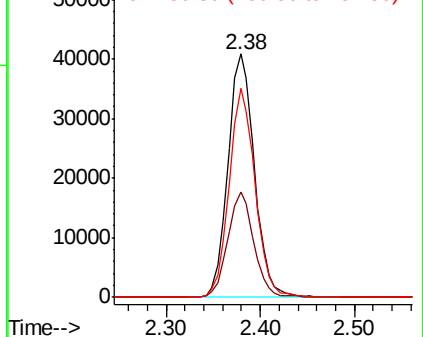
151 84.0 69.6 104.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.581 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

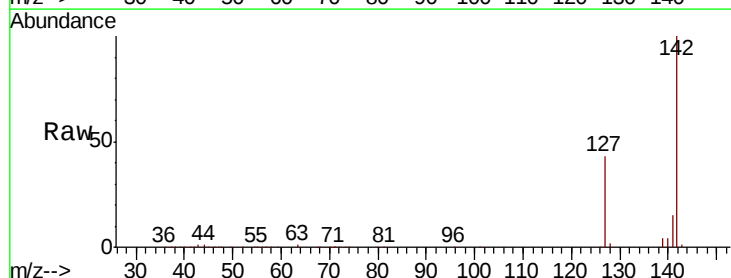
Tgt Ion:142 Resp: 99748

Ion Ratio Lower Upper

142 100

127 42.8 34.2 51.4

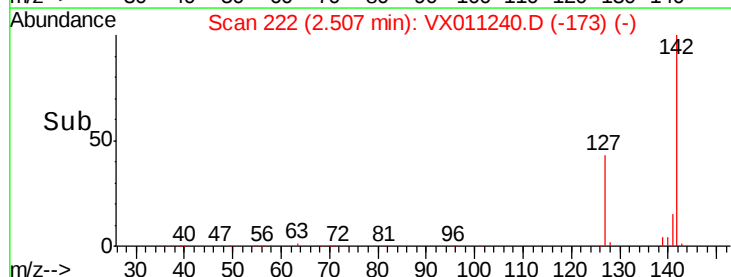
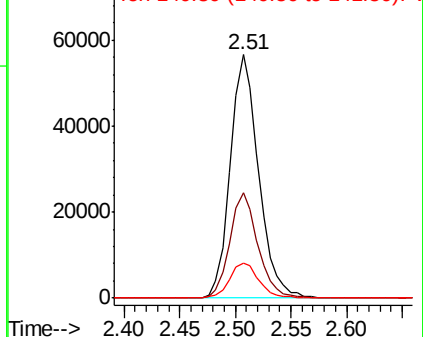
141 15.0 11.7 17.5

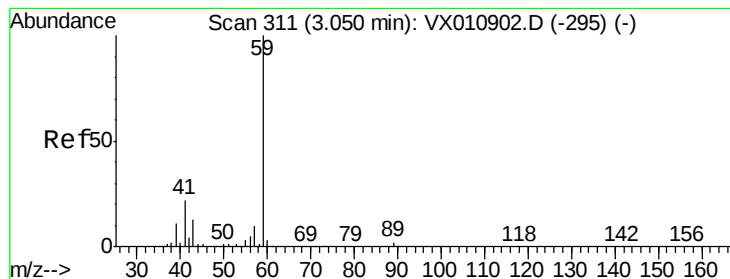


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



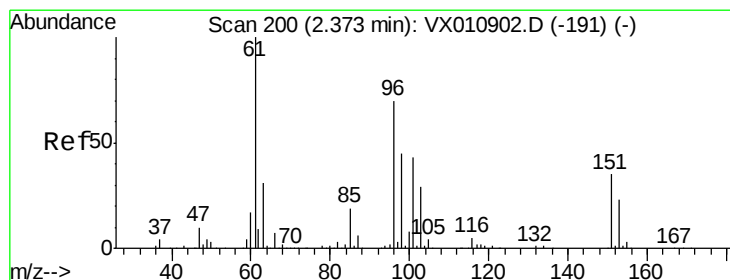
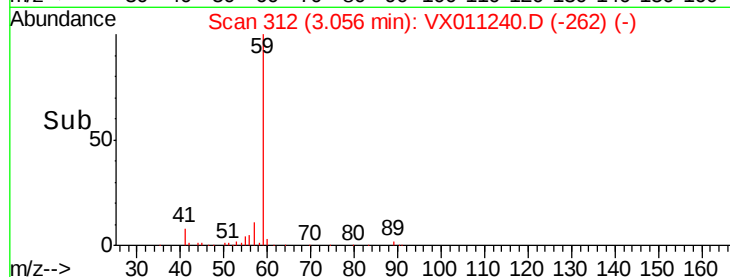
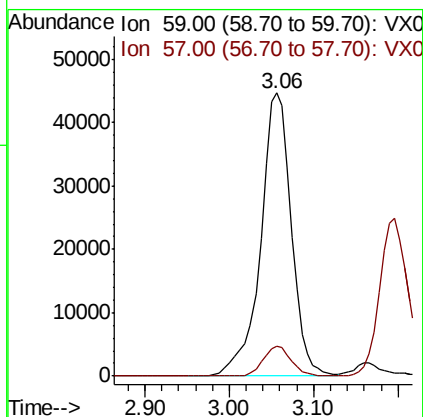
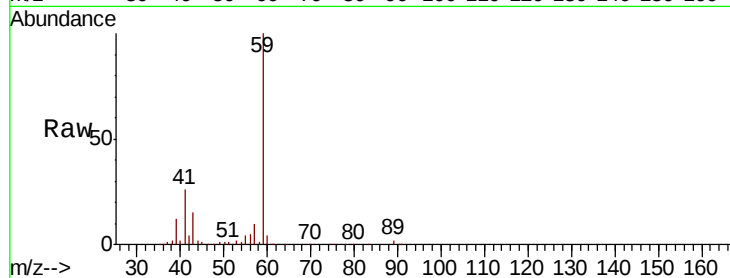


#11

Tert butyl alcohol
 Concen: 257.620 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. 0.01 min
 Lab File: VX011240.D
 Acq: 31 Jul 2019 09:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

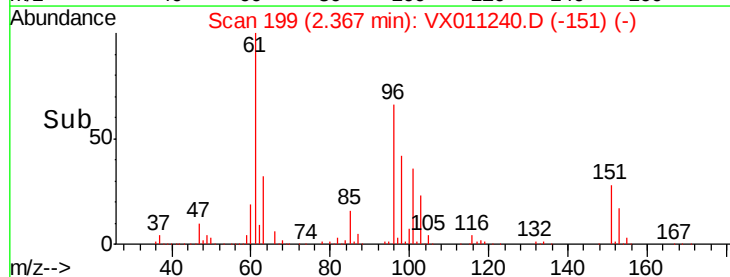
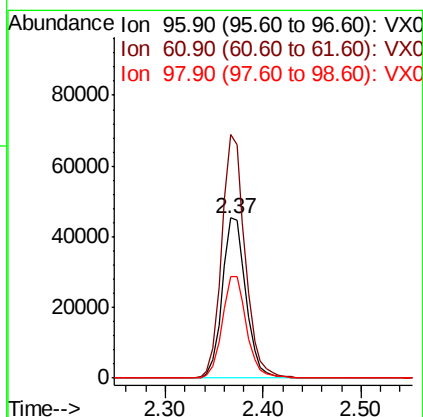
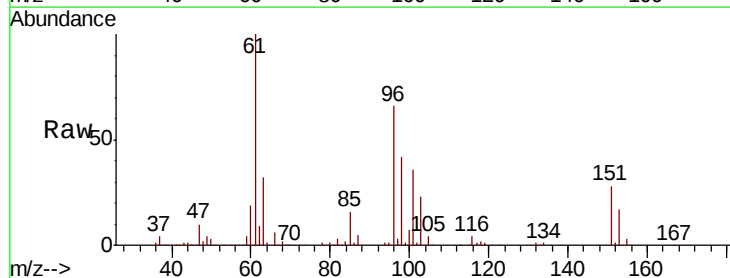
Tgt Ion: 59 Resp: 112473
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.9 11.9

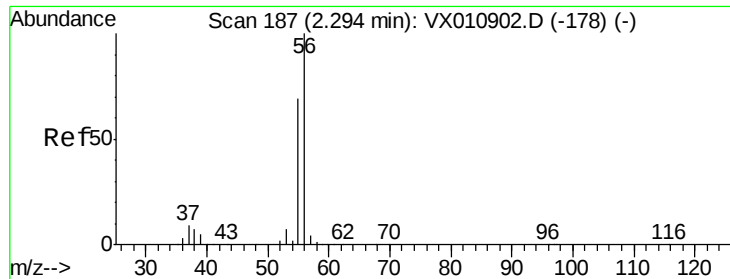


#12

1,1-Dichloroethene
 Concen: 48.630 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX011240.D
 Acq: 31 Jul 2019 09:38

Tgt Ion: 96 Resp: 76329
 Ion Ratio Lower Upper
 96 100
 61 152.1 115.0 172.4
 98 63.5 52.2 78.2





#13

Acrolein

Concen: 202.701 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

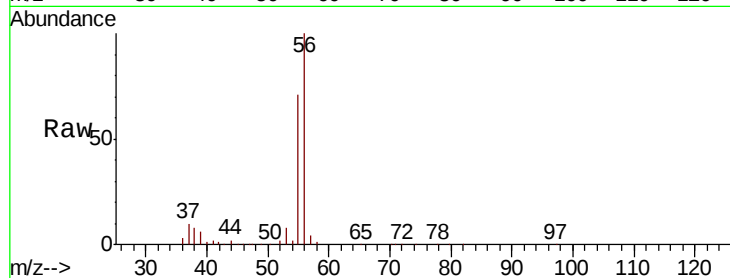
VSTDCCC050EC

Tgt Ion: 56 Resp: 51130

Ion Ratio Lower Upper

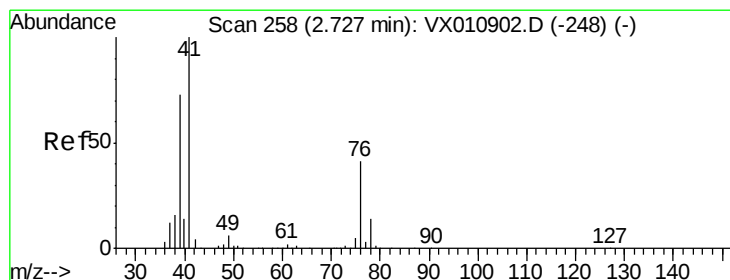
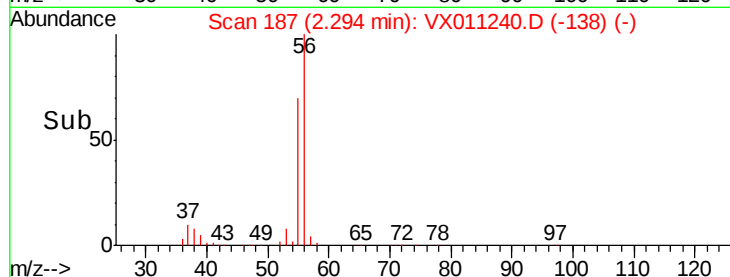
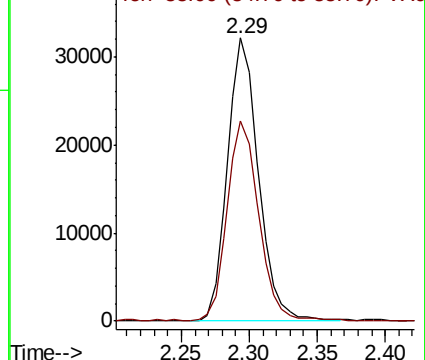
56 100

55 72.8 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.001 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

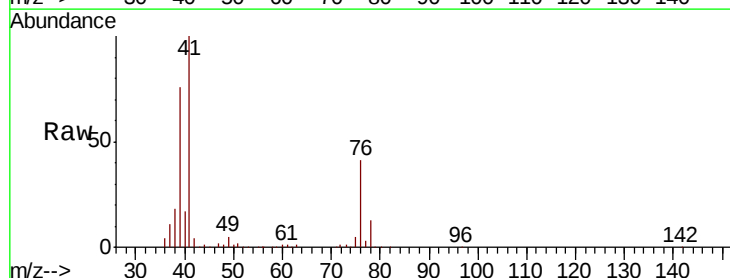
Tgt Ion: 41 Resp: 109437

Ion Ratio Lower Upper

41 100

39 67.0 53.6 80.4

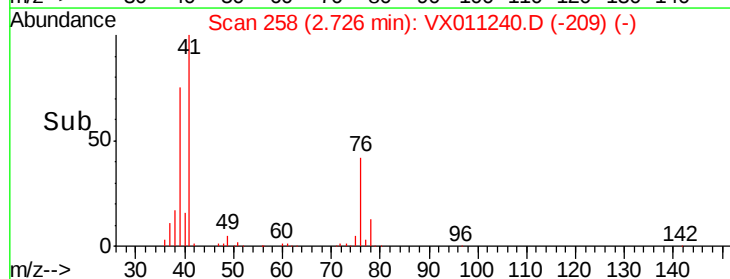
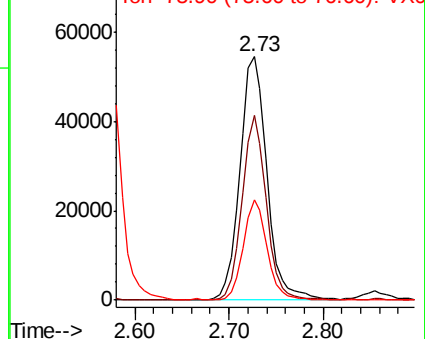
76 36.5 29.7 44.5

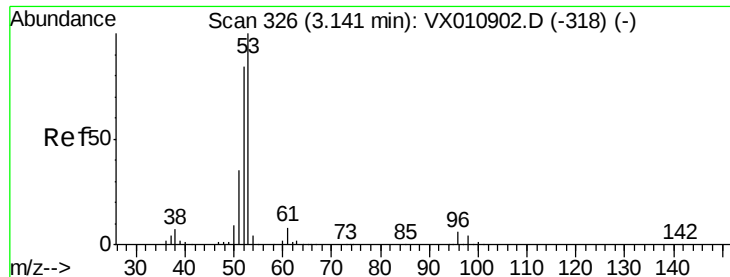


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 271.719 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

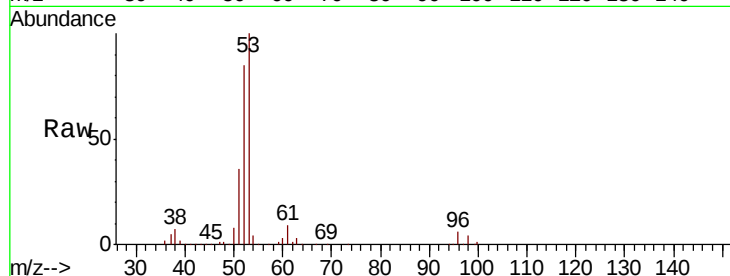
Tgt Ion: 53 Resp: 239712

Ion Ratio Lower Upper

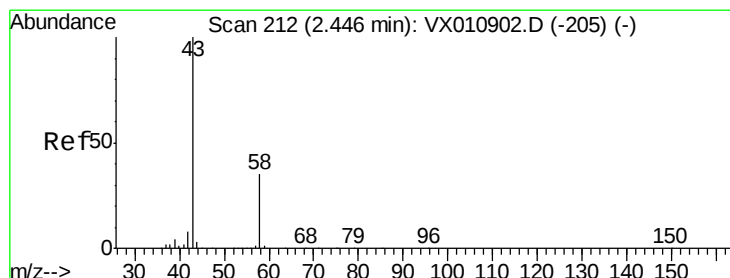
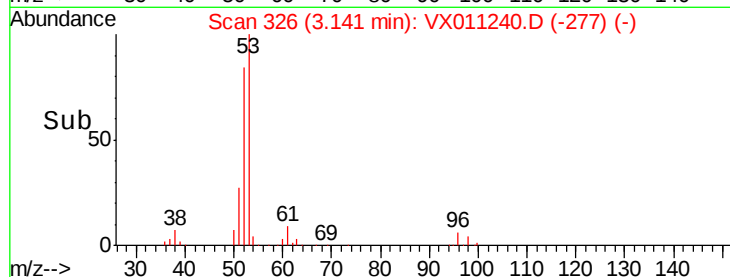
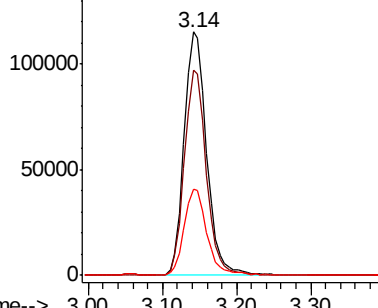
53 100

52 82.1 66.5 99.7

51 36.1 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 241.627 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX011240.D

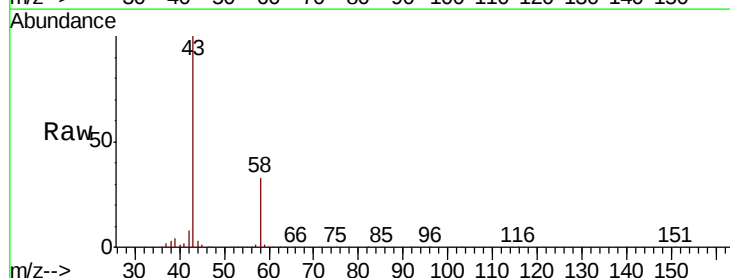
Acq: 31 Jul 2019 09:38

Tgt Ion: 43 Resp: 204580

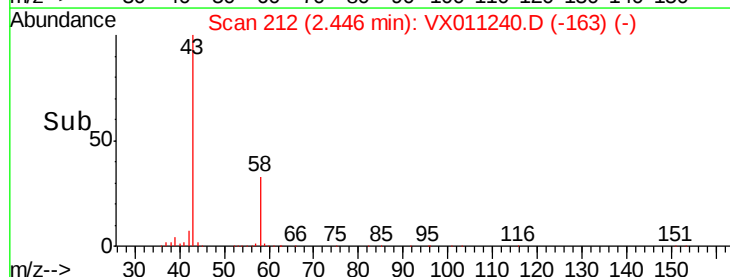
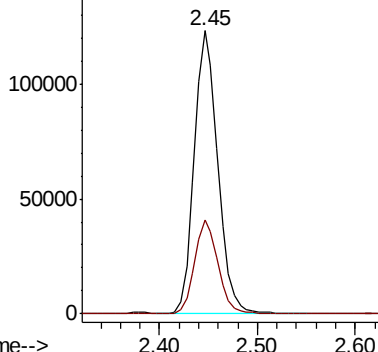
Ion Ratio Lower Upper

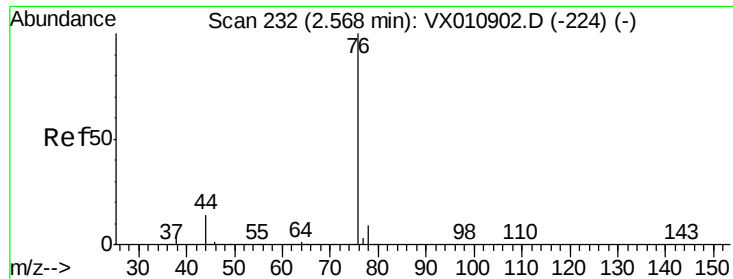
43 100

58 33.1 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

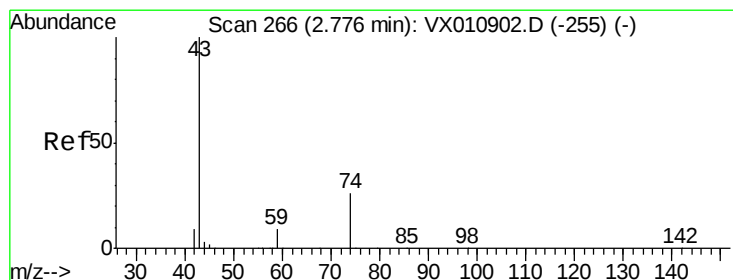
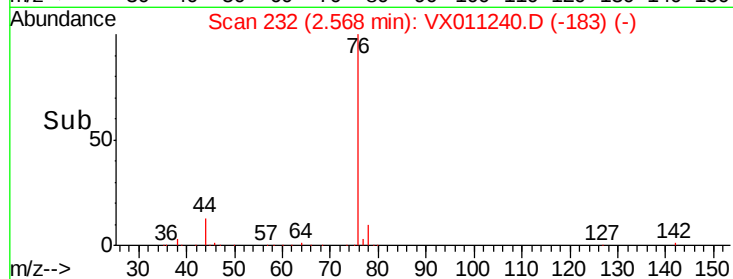
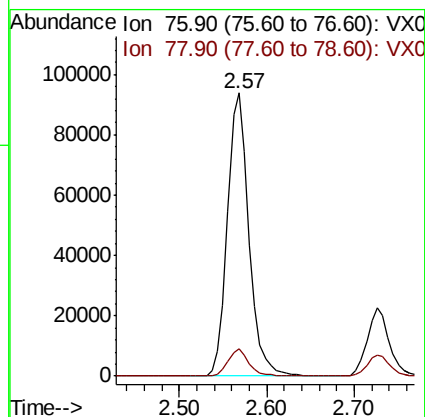
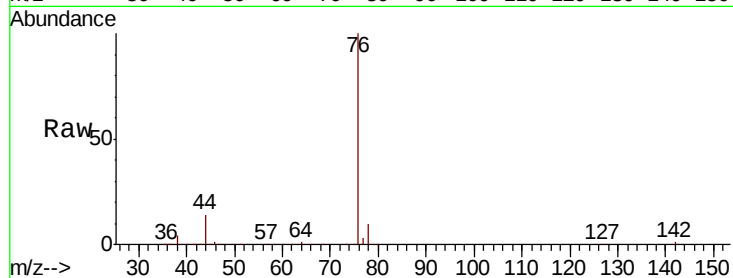




#17
Carbon Disulfide
Concen: 39.573 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

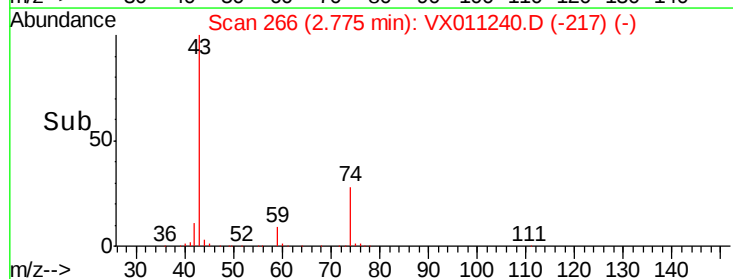
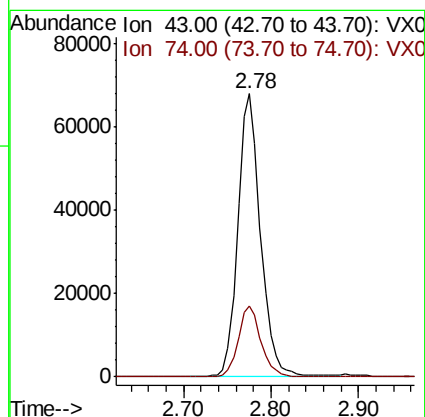
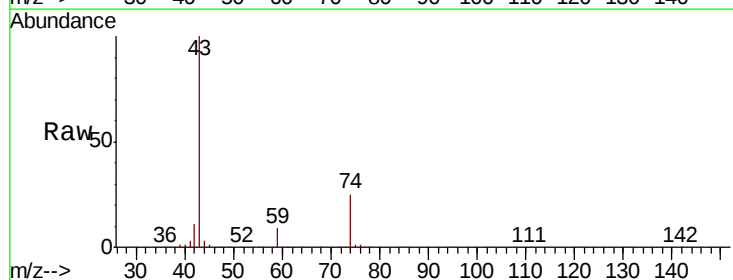
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

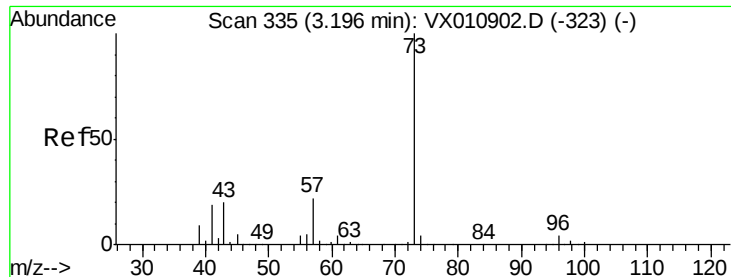
Tgt Ion: 76 Resp: 159328
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 63.516 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Tgt Ion: 43 Resp: 122452
Ion Ratio Lower Upper
43 100
74 24.3 21.5 32.3

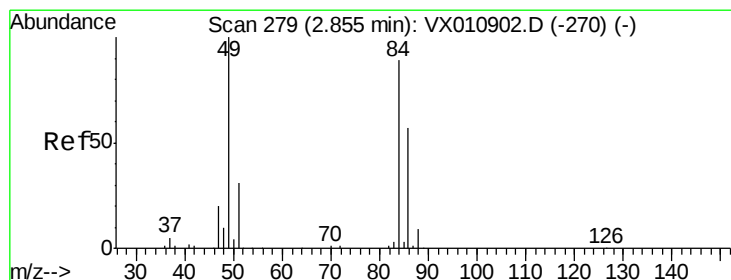
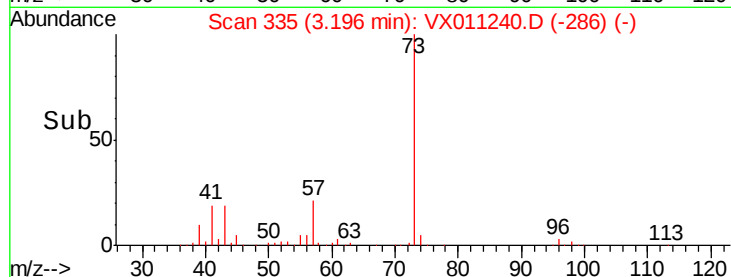
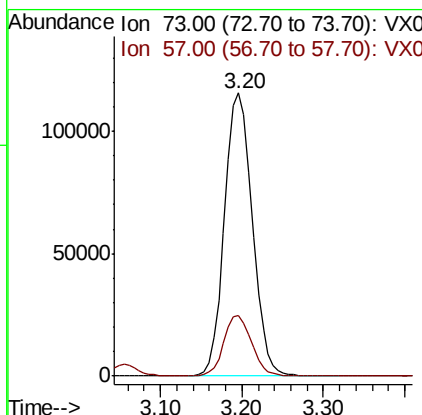
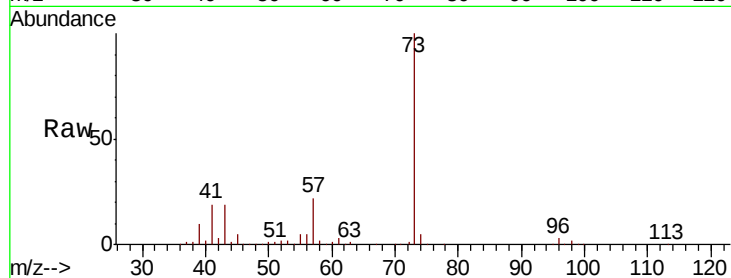




#19
Methyl tert-butyl Ether
Concen: 53.949 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

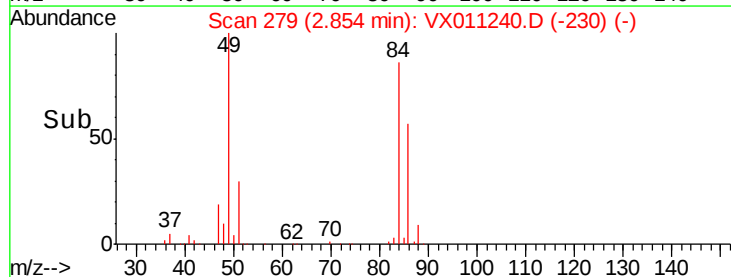
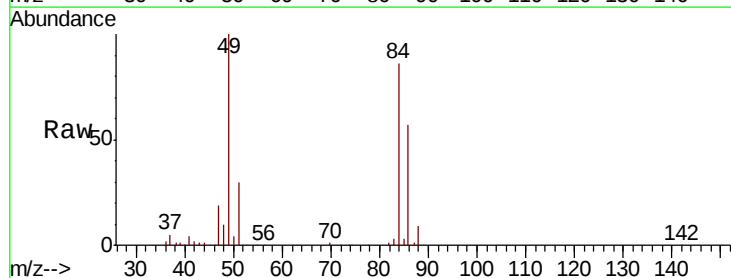
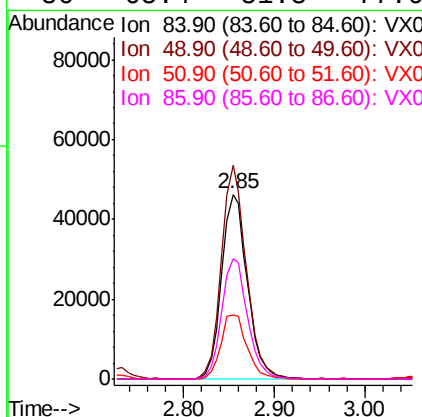
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

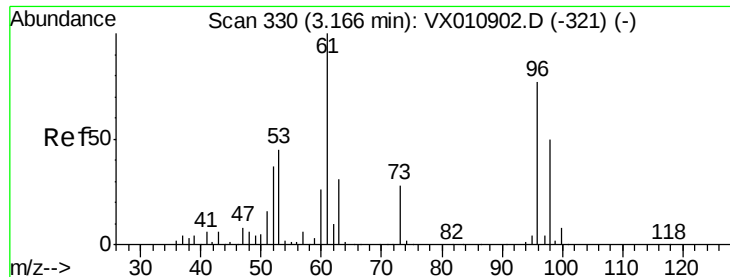
Tgt Ion: 73 Resp: 272593
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 51.025 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Tgt Ion: 84 Resp: 91554
Ion Ratio Lower Upper
84 100
49 115.5 89.9 134.9
51 34.9 27.8 41.6
86 65.4 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 48.658 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

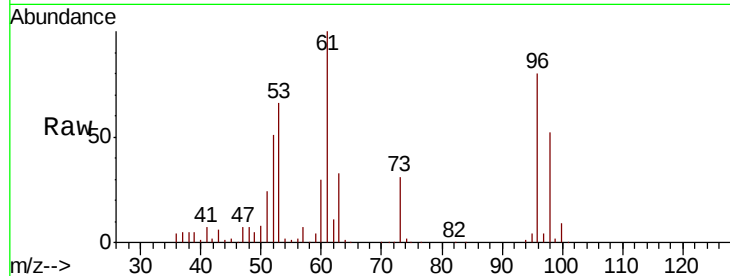
Tgt Ion: 96 Resp: 81034

Ion Ratio Lower Upper

96 100

61 125.3 104.2 156.2

98 64.8 52.2 78.4

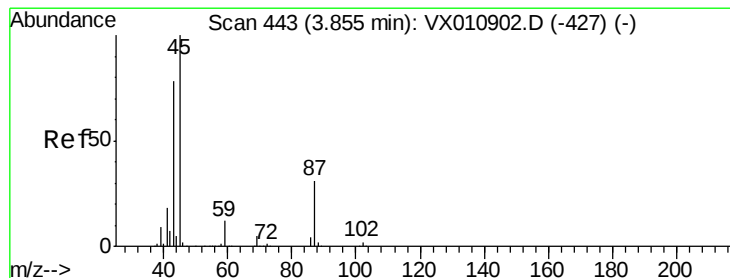
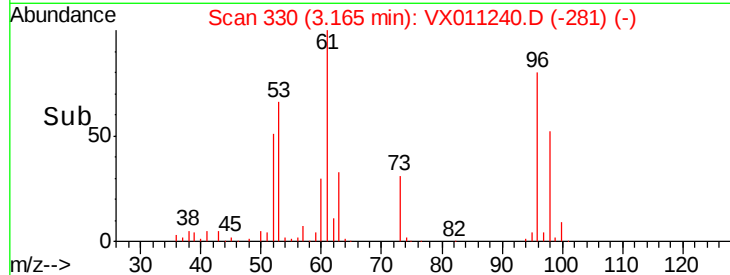
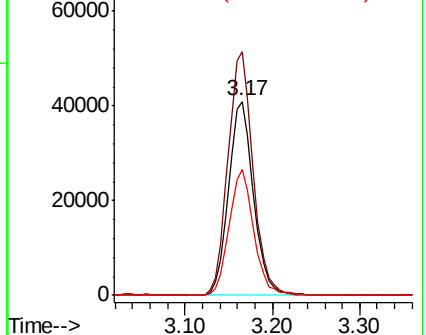


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 54.363 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Tgt Ion: 45 Resp: 261397

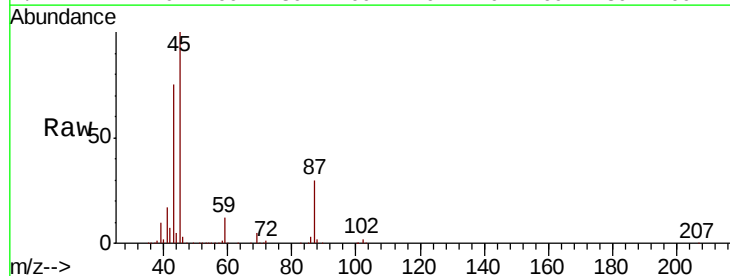
Ion Ratio Lower Upper

45 100

43 74.6 62.3 93.5

87 29.6 25.0 37.4

59 12.0 9.9 14.9



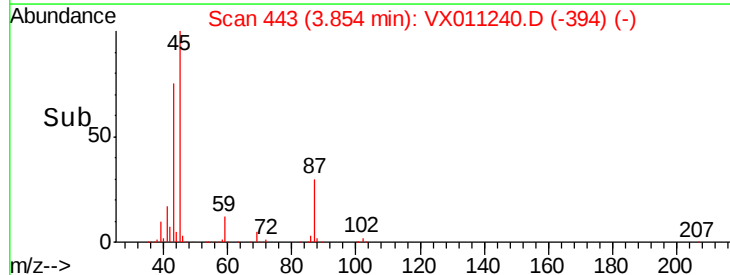
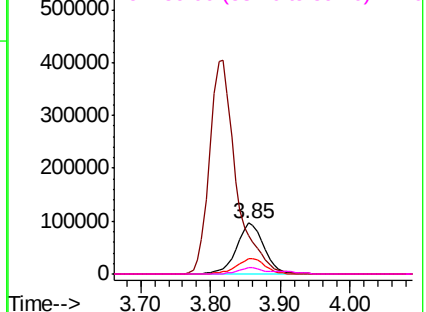
Abundance

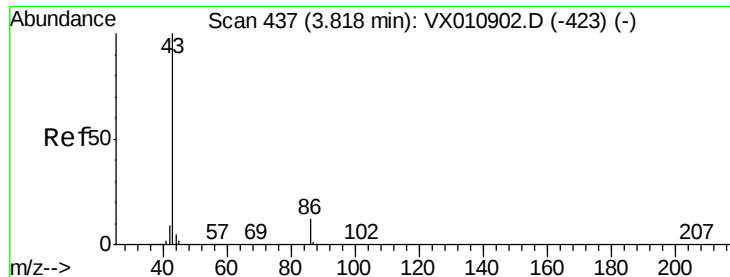
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 261.464 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

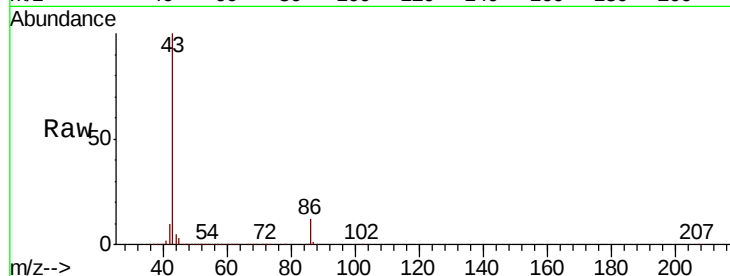
VSTDCCC050EC

Tgt Ion: 43 Resp: 1065234

Ion Ratio Lower Upper

43 100

86 11.7 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

400000

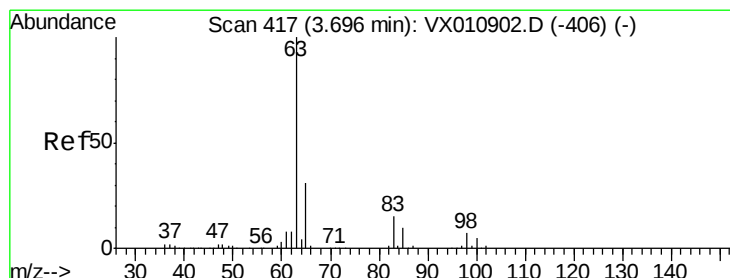
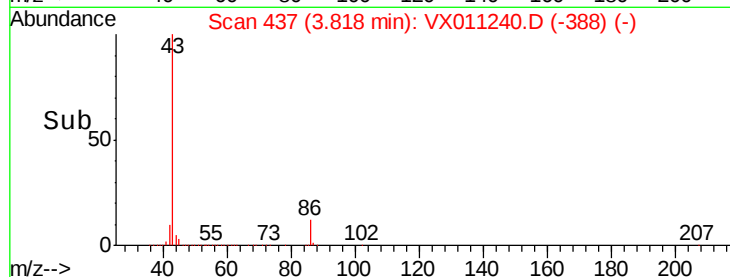
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.200 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

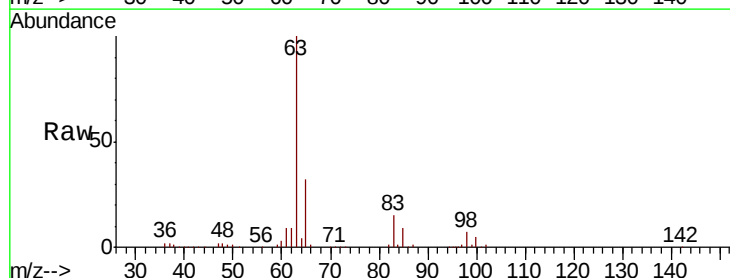
Tgt Ion: 63 Resp: 145767

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

100 4.7 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

80000

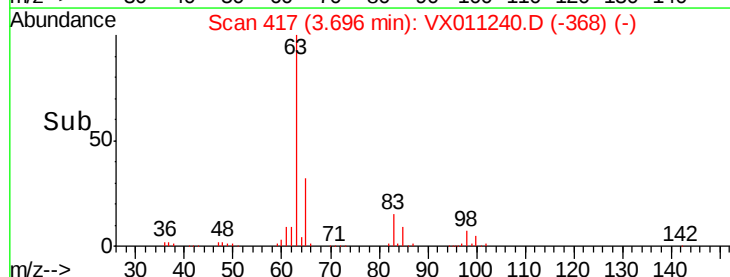
60000

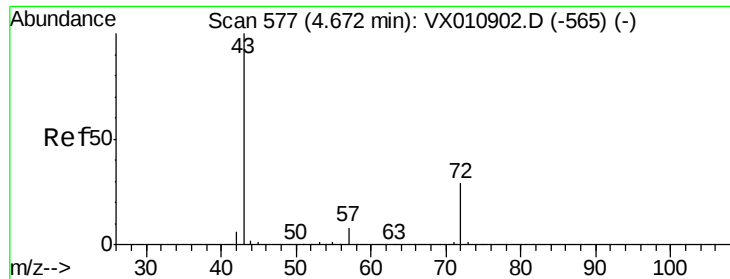
40000

20000

0

Time-->





#25

2-Butanone

Concen: 269.579 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

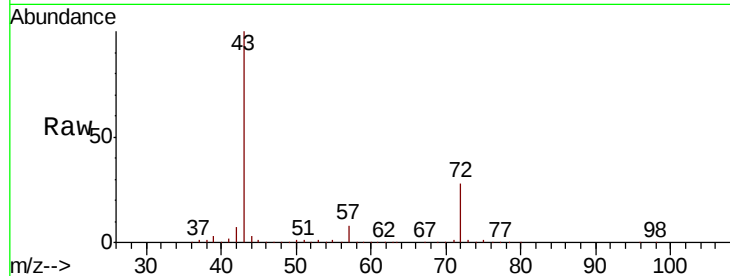
VSTDCCC050EC

Tgt Ion: 43 Resp: 327645

Ion Ratio Lower Upper

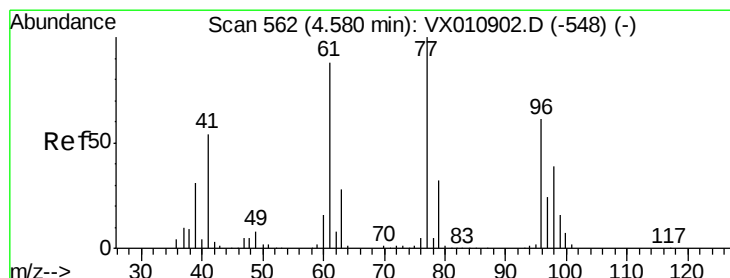
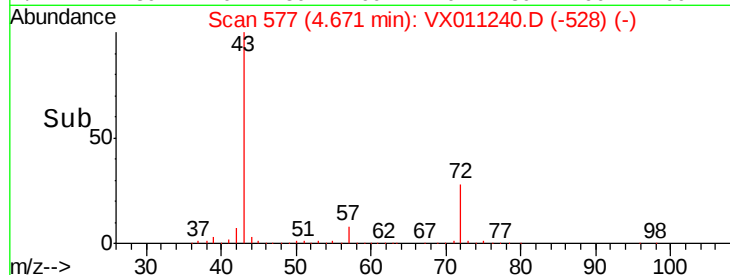
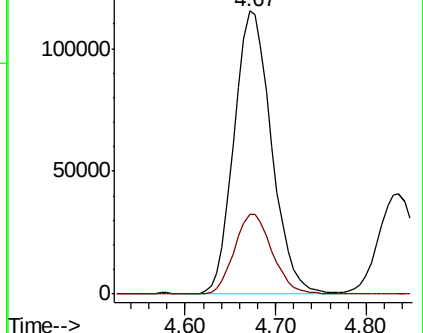
43 100

72 28.2 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 26.267 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX011240.D

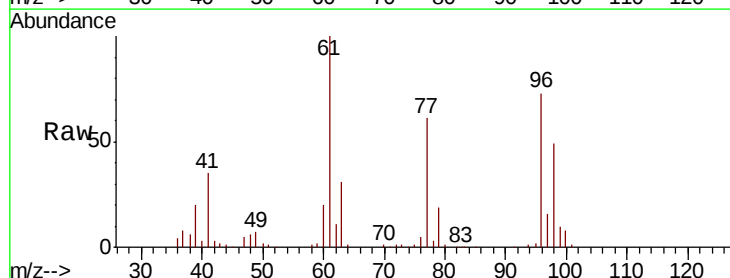
Acq: 31 Jul 2019 09:38

Tgt Ion: 77 Resp: 60227

Ion Ratio Lower Upper

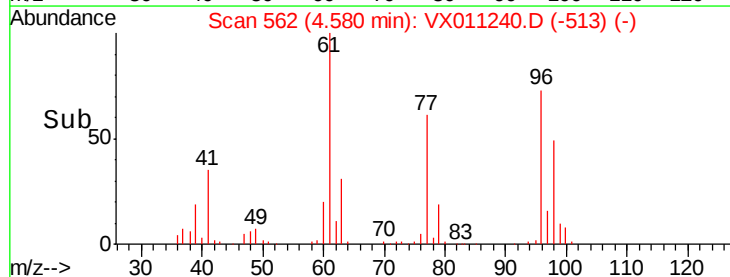
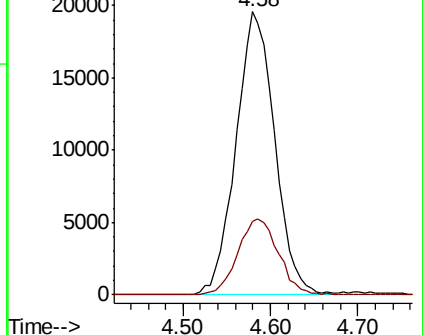
77 100

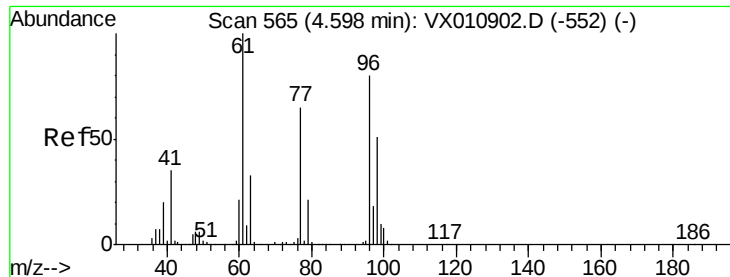
97 28.2 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



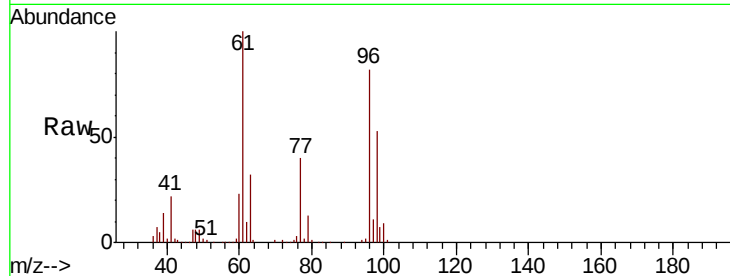


#27

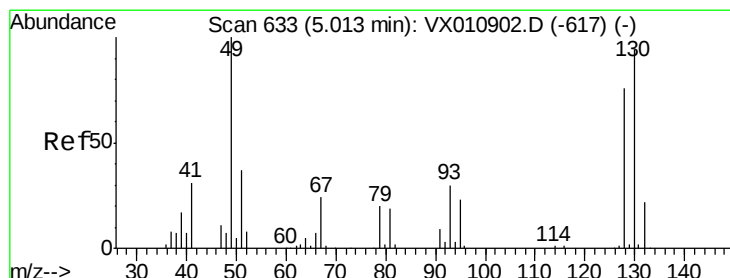
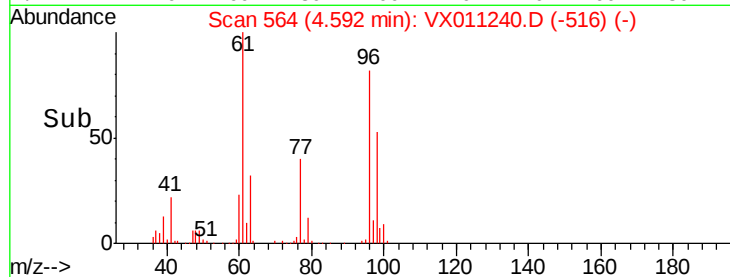
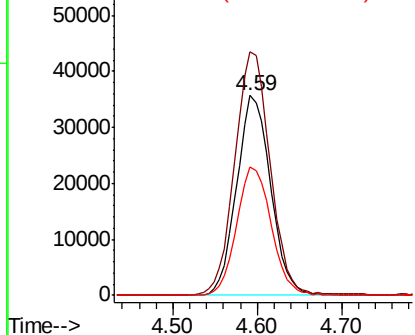
cis-1,2-Dichloroethene
Concen: 50.654 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 97632
Ion Ratio Lower Upper
96 100
61 127.2 0.0 269.0
98 65.2 0.0 131.4



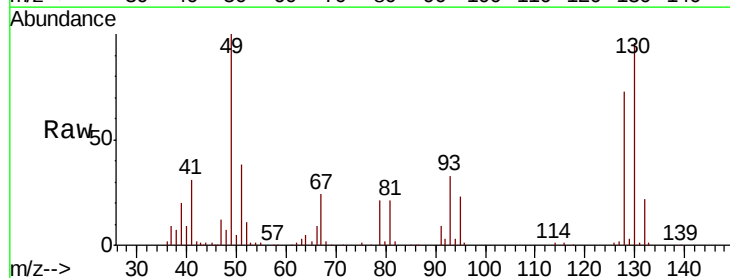
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



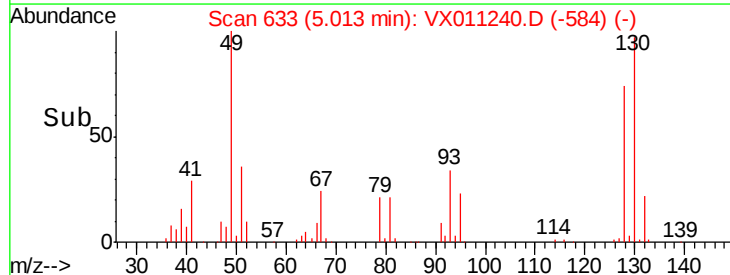
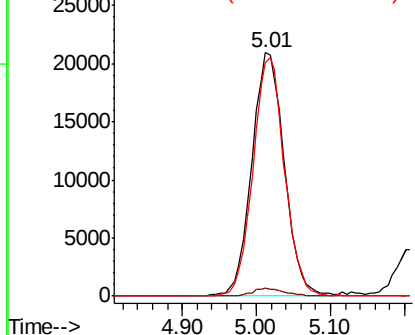
#28

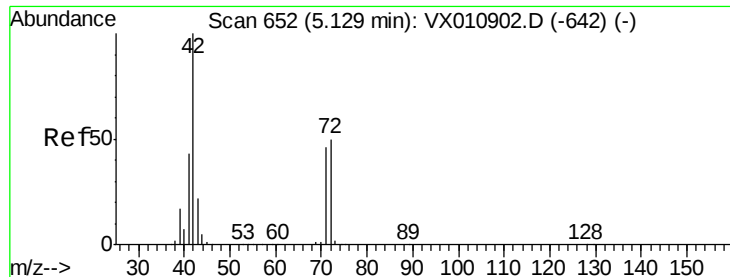
Bromochloromethane
Concen: 48.833 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Tgt Ion: 49 Resp: 64260
Ion Ratio Lower Upper
49 100
129 2.9 0.0 5.2
130 94.5 76.9 115.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 272.166 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

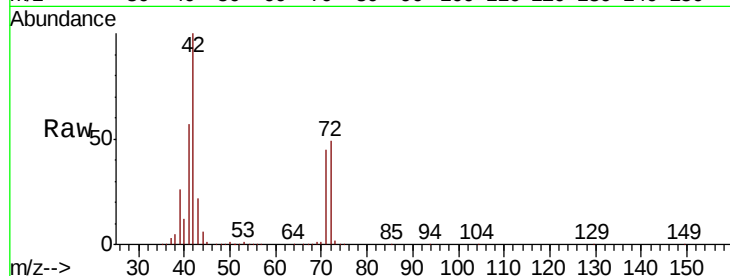
Tgt Ion: 42 Resp: 209535

Ion Ratio Lower Upper

42 100

72 49.2 39.8 59.8

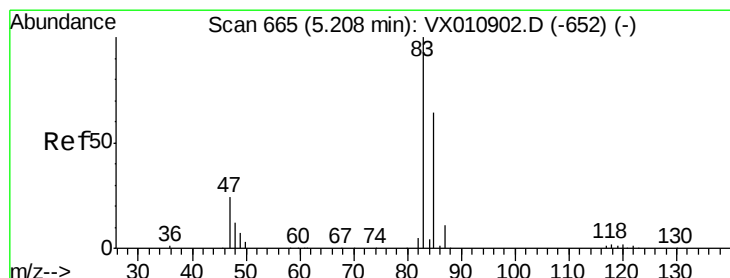
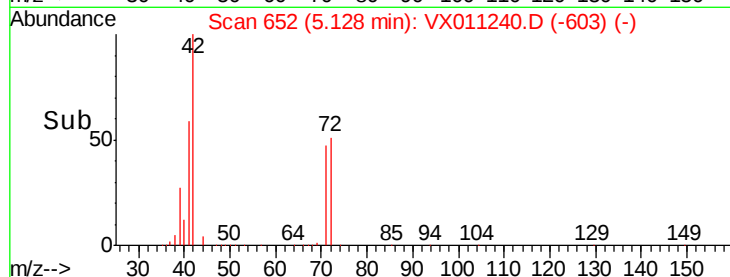
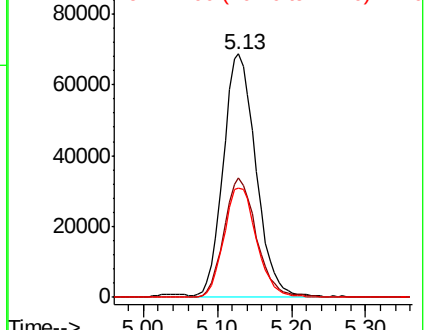
71 45.3 37.0 55.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 53.322 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.00 min

Lab File: VX011240.D

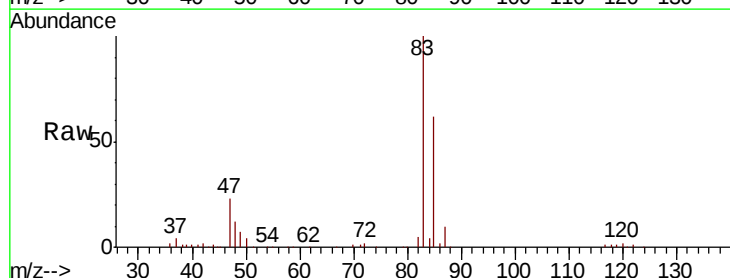
Acq: 31 Jul 2019 09:38

Tgt Ion: 83 Resp: 160944

Ion Ratio Lower Upper

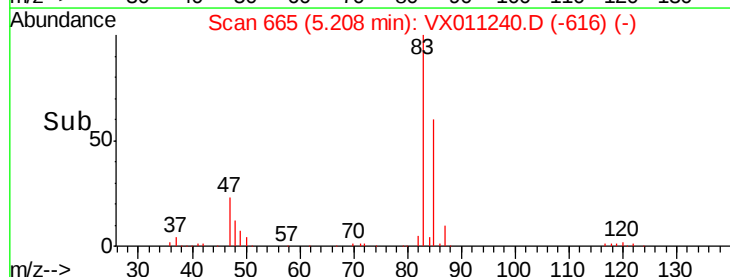
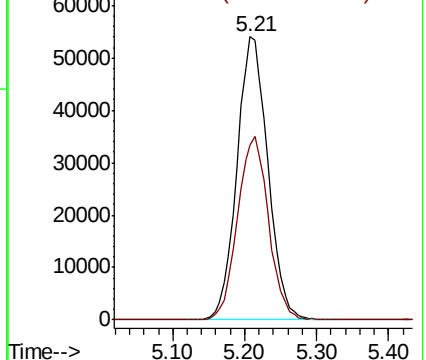
83 100

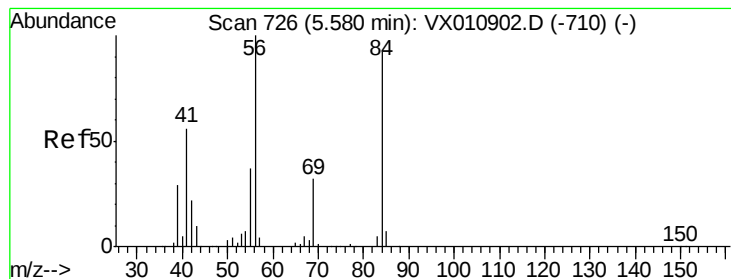
85 61.7 51.4 77.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 47.364 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

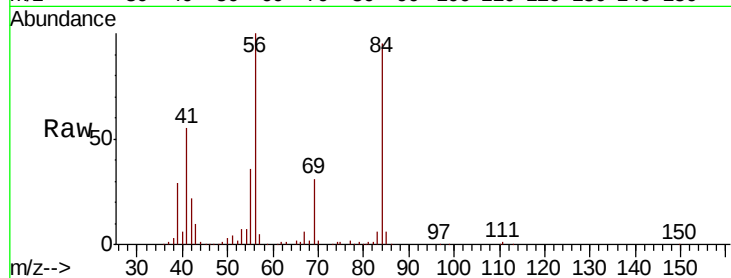
Tgt Ion: 56 Resp: 120556

Ion Ratio Lower Upper

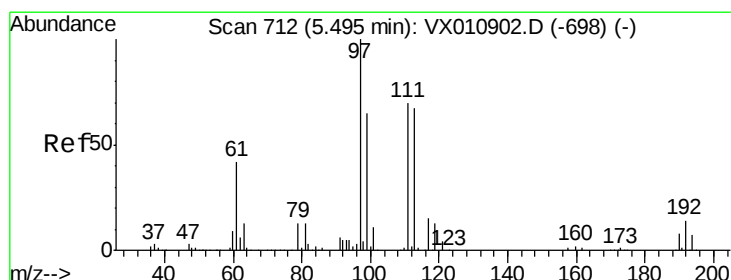
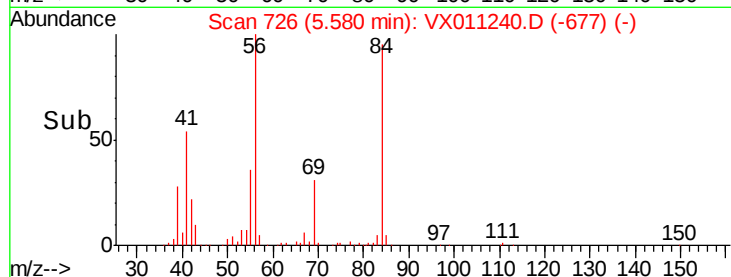
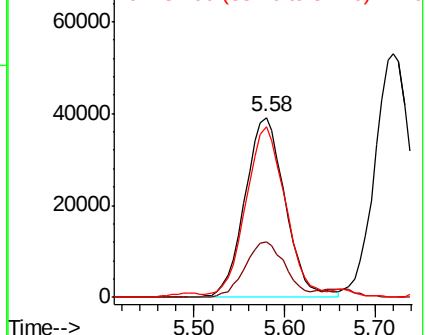
56 100

69 30.6 25.8 38.8

84 92.5 73.8 110.6



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 52.273 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

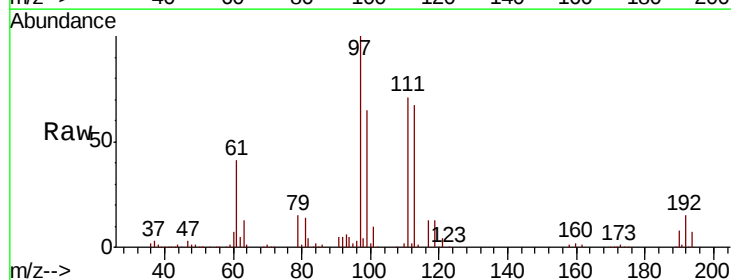
Tgt Ion: 97 Resp: 136504

Ion Ratio Lower Upper

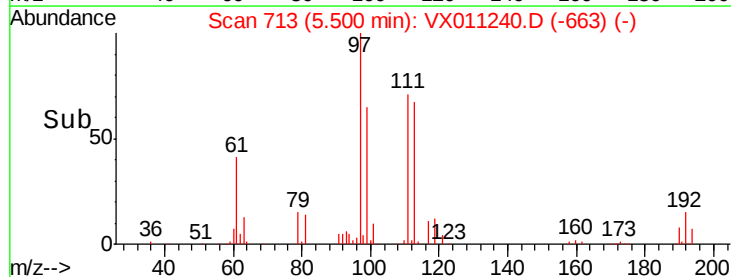
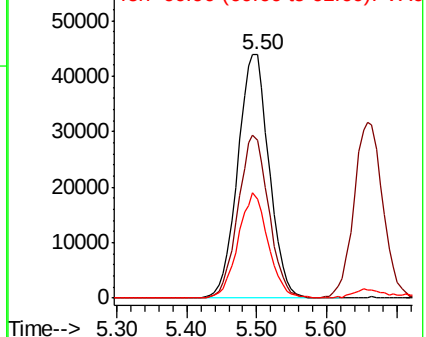
97 100

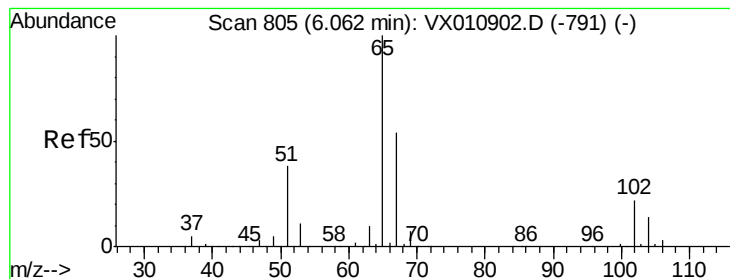
99 65.6 51.4 77.0

61 41.4 33.0 49.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 52.123 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

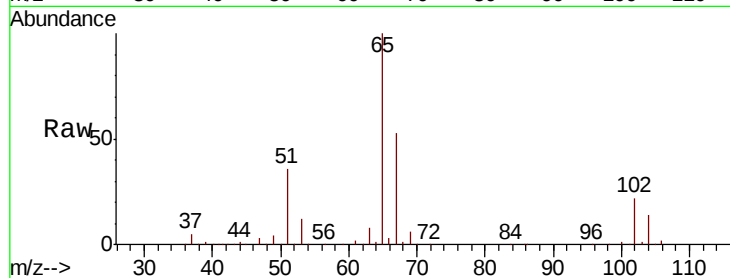
VSTDCCC050EC

Tgt Ion: 65 Resp: 97711

Ion Ratio Lower Upper

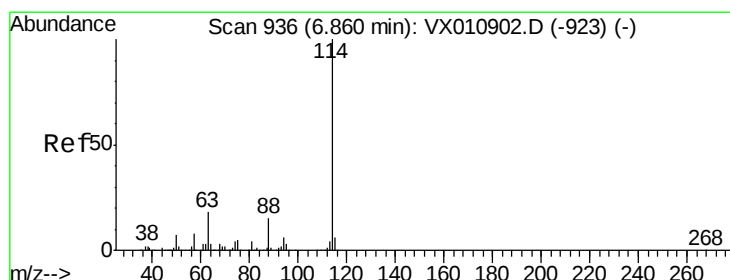
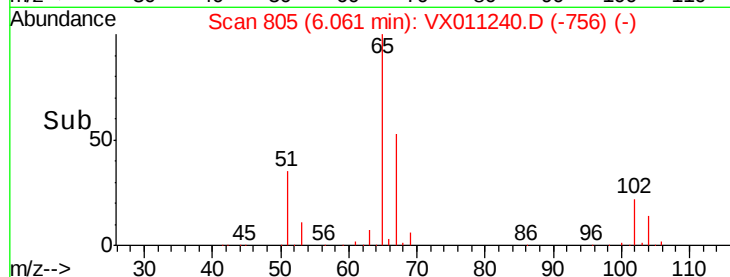
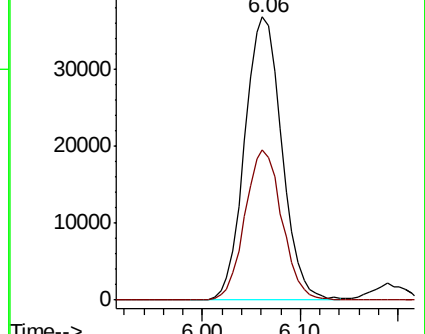
65 100

67 52.7 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

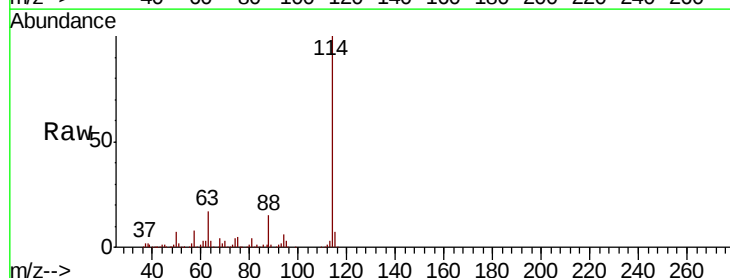
Tgt Ion: 114 Resp: 264413

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.6

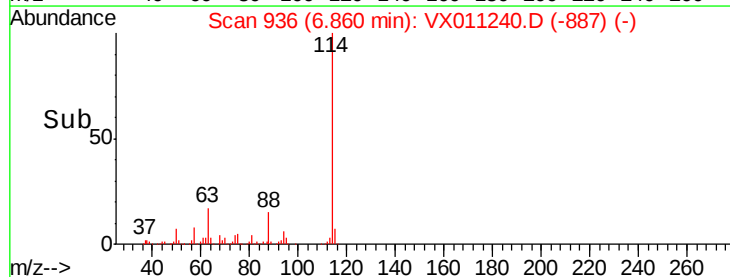
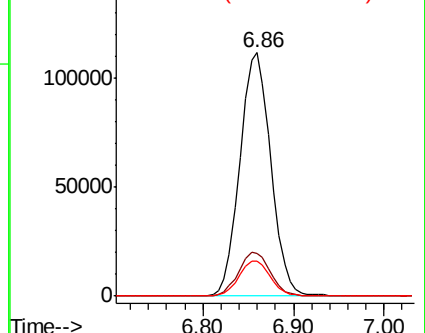
88 14.6 0.0 29.8

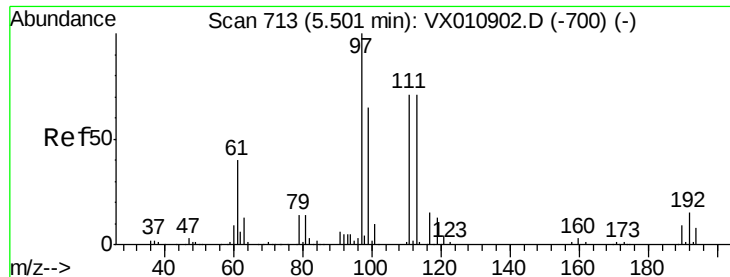


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

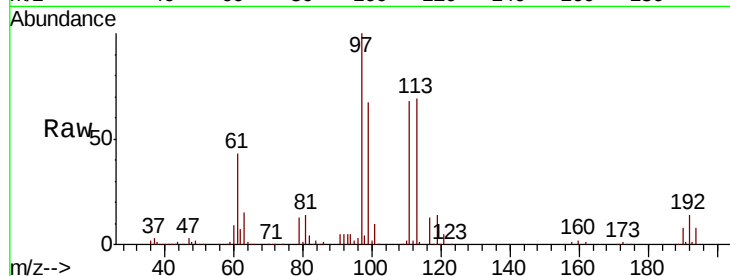




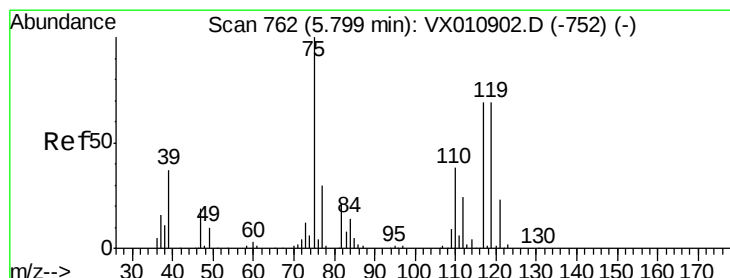
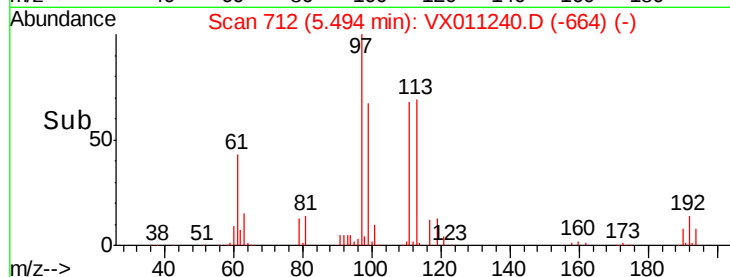
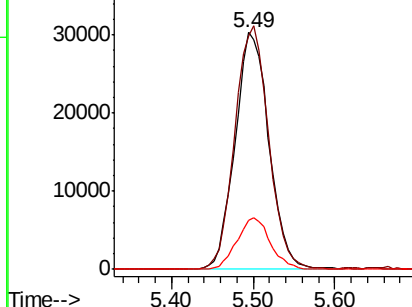
#35
 Dibromofluoromethane
 Concen: 51.983 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX011240.D
 Acq: 31 Jul 2019 09:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:113 Resp: 87243
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.3 123.5
 192 21.4 17.4 26.2

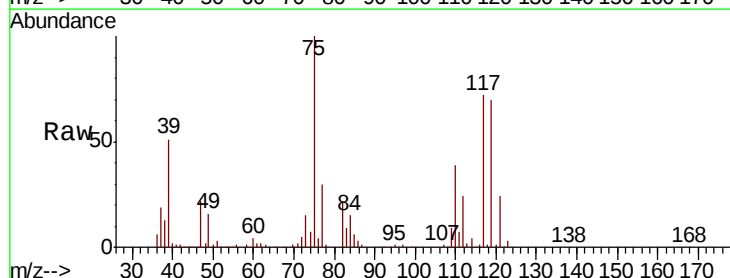


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

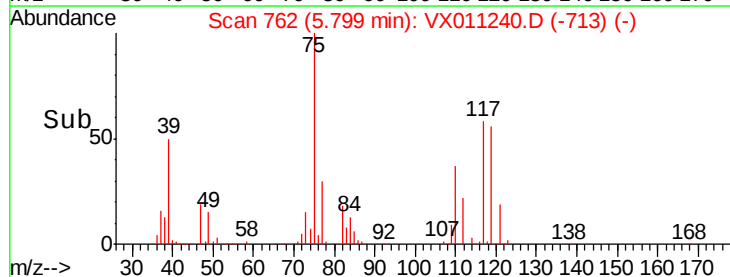
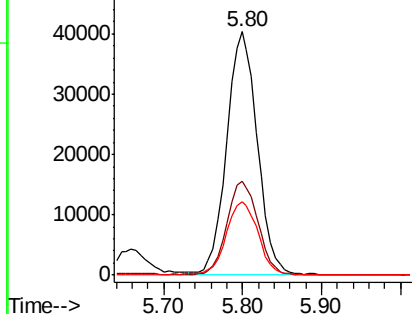


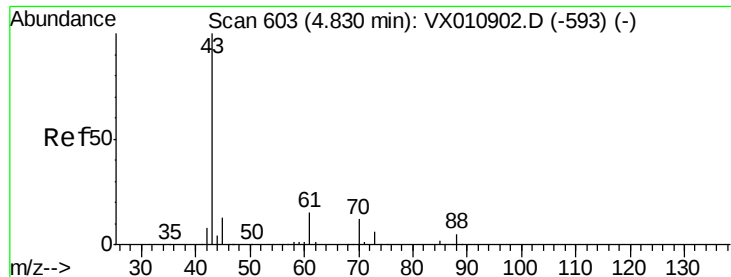
#36
 1,1-Dichloropropene
 Concen: 49.656 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX011240.D
 Acq: 31 Jul 2019 09:38

Tgt Ion: 75 Resp: 107849
 Ion Ratio Lower Upper
 75 100
 110 39.8 19.9 59.7
 77 32.1 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

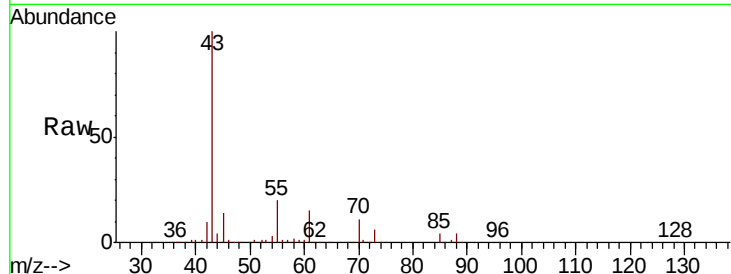




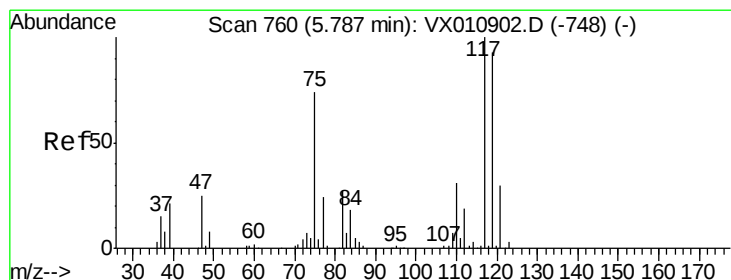
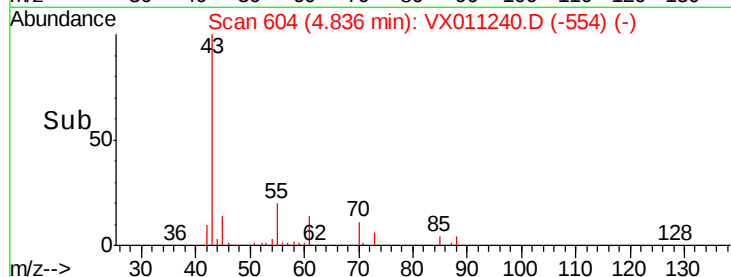
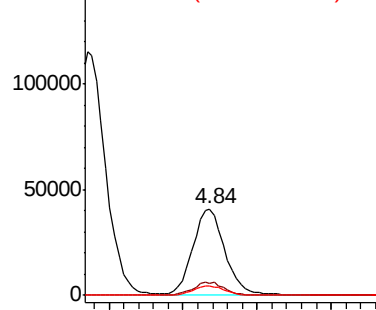
#37
Ethyl Acetate
Concen: 54.661 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 121565
Ion Ratio Lower Upper
43 100
61 14.6 11.6 17.4
70 11.1 9.1 13.7

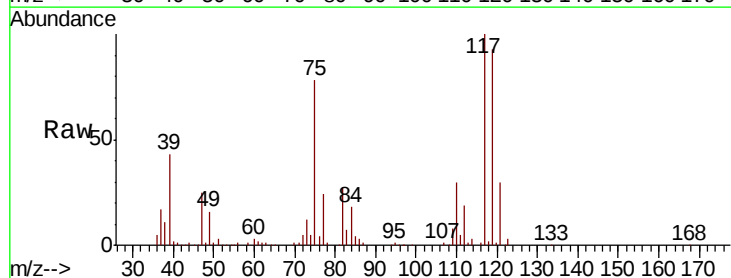


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

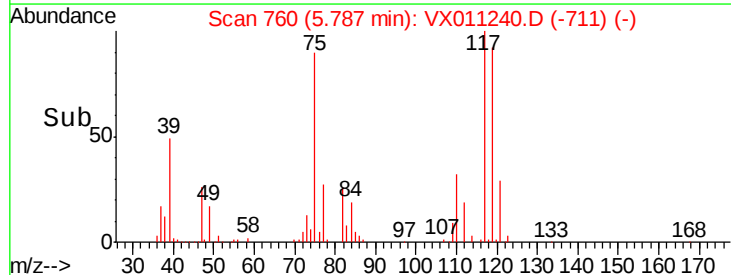
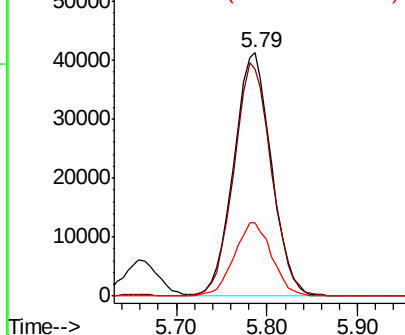


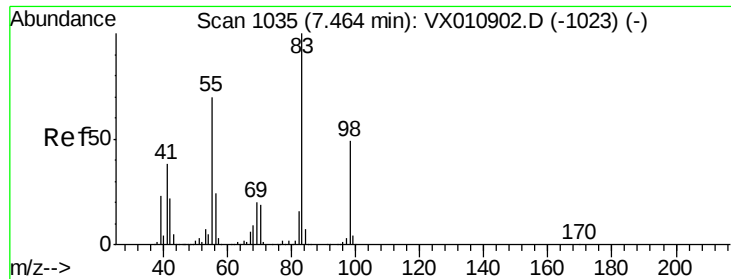
#38
Carbon Tetrachloride
Concen: 52.469 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Tgt Ion: 117 Resp: 118750
Ion Ratio Lower Upper
117 100
119 93.0 74.2 111.2
121 30.2 24.2 36.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

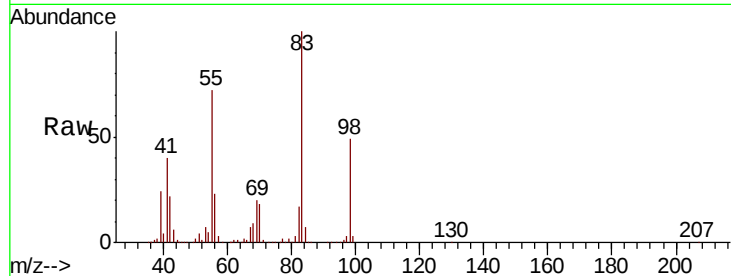




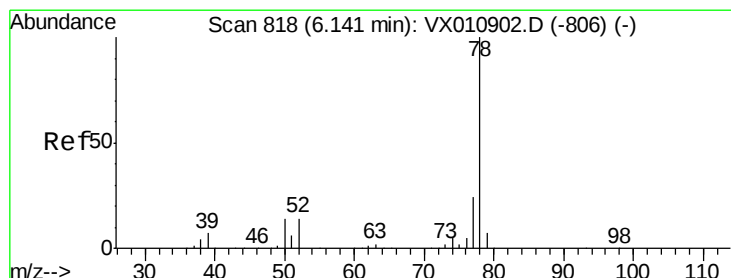
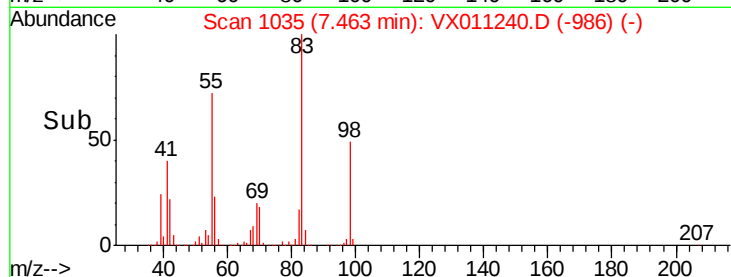
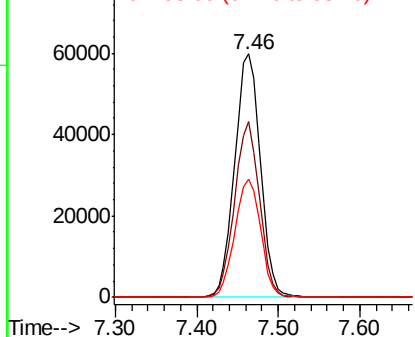
#39
Methylcyclohexane
Concen: 46.127 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 129920
Ion Ratio Lower Upper
83 100
55 72.2 56.2 84.4
98 48.5 39.0 58.4

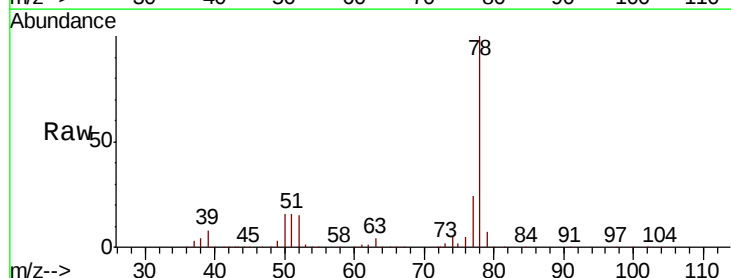


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

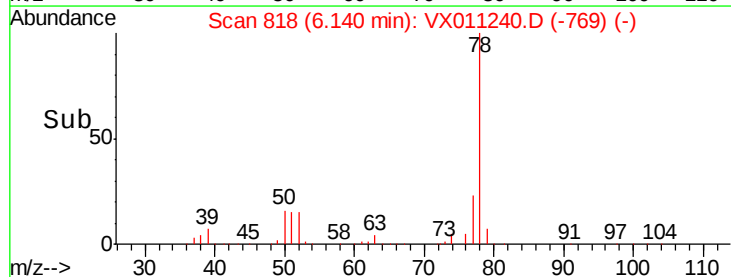
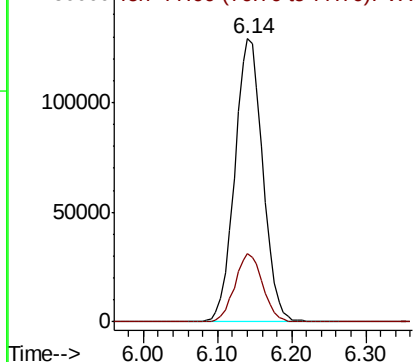


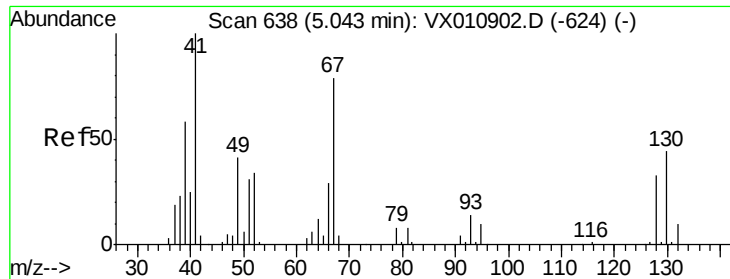
#40
Benzene
Concen: 51.070 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Tgt Ion: 78 Resp: 339769
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

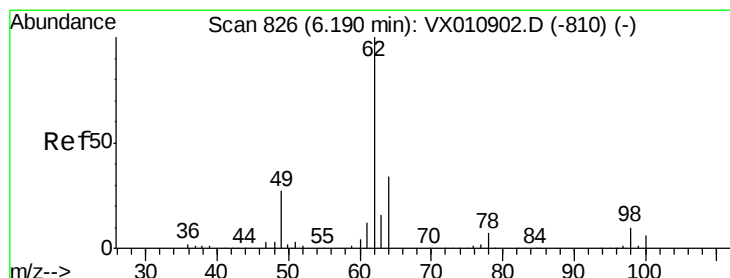
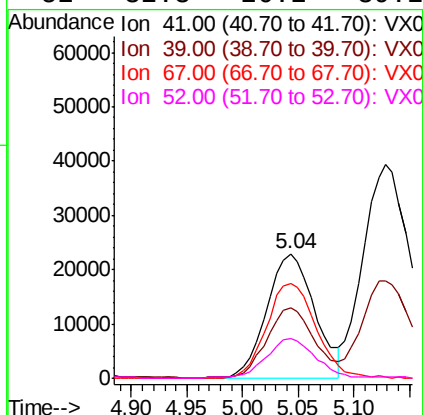
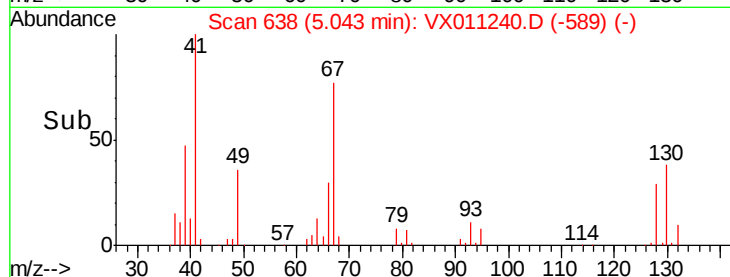
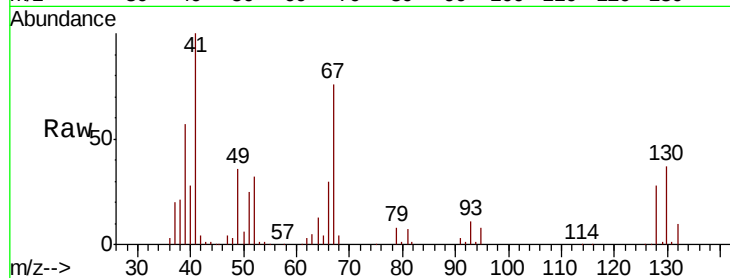




#41
Methacrylonitrile
Concen: 54.311 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

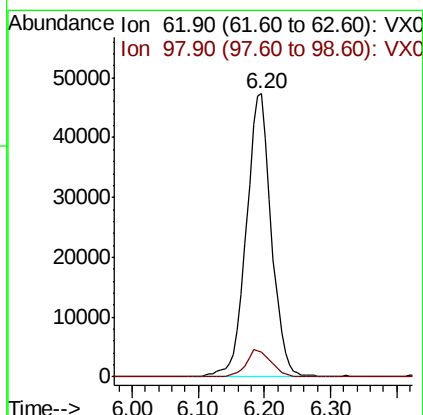
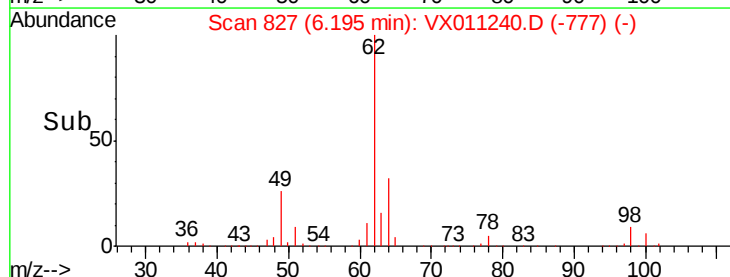
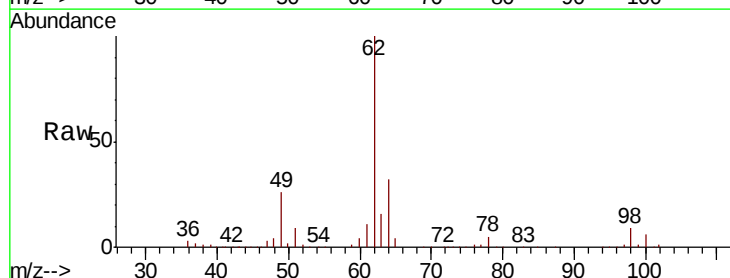
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

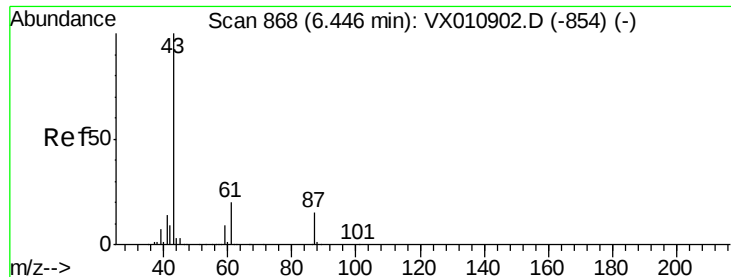
Tgt Ion: 41 Resp: 68568
Ion Ratio Lower Upper
41 100
39 56.0 45.4 68.2
67 79.4 65.9 98.9
52 32.3 26.2 39.2



#42
1,2-Dichloroethane
Concen: 54.160 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Tgt Ion: 62 Resp: 125284
Ion Ratio Lower Upper
62 100
98 9.4 0.0 20.0





#43

Isopropyl Acetate

Concen: 54.592 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

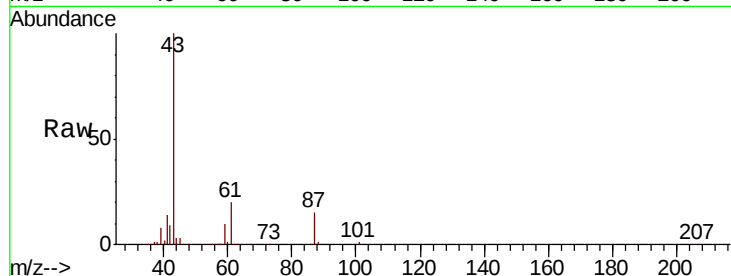
Tgt Ion: 43 Resp: 199636

Ion Ratio Lower Upper

43 100

61 20.2 17.1 25.7

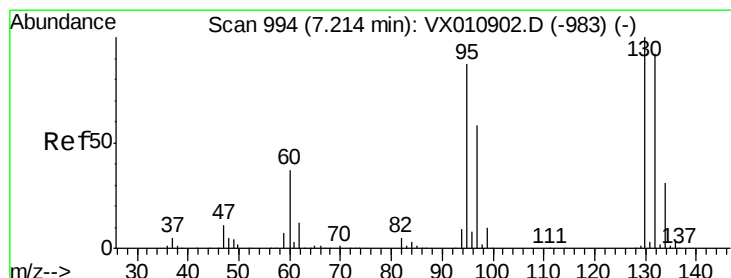
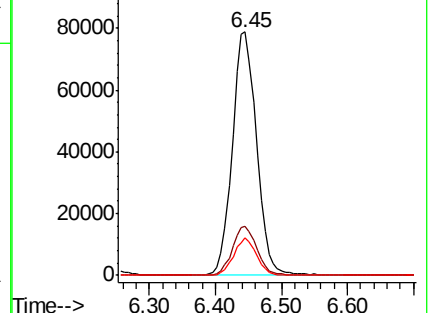
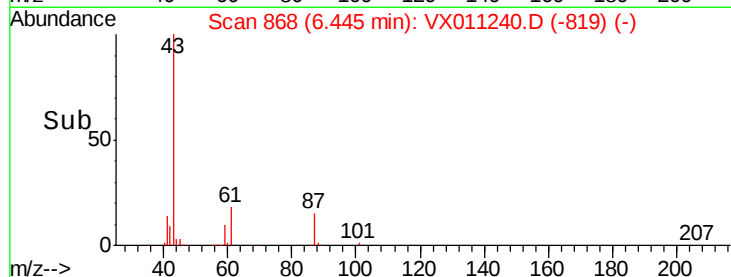
87 14.6 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VX010902.D (-854) (-)

Ion 61.00 (60.70 to 61.70): VX010902.D (-854) (-)

Ion 87.00 (86.70 to 87.70): VX010902.D (-854) (-)



#44

Trichloroethene

Concen: 49.480 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX011240.D

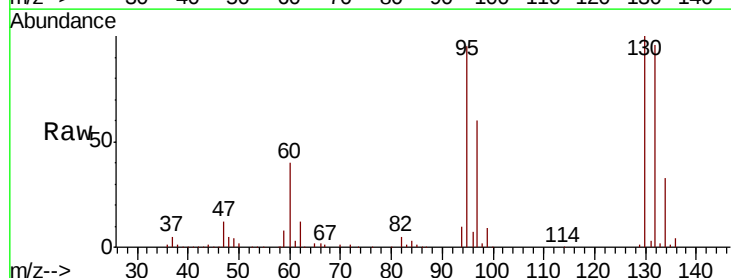
Acq: 31 Jul 2019 09:38

Tgt Ion: 130 Resp: 97441

Ion Ratio Lower Upper

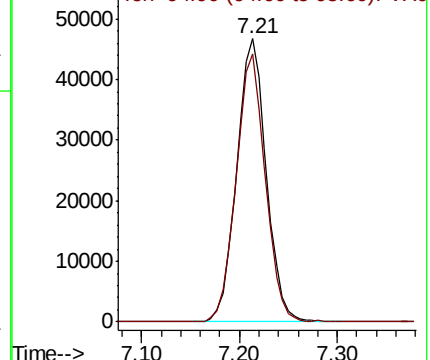
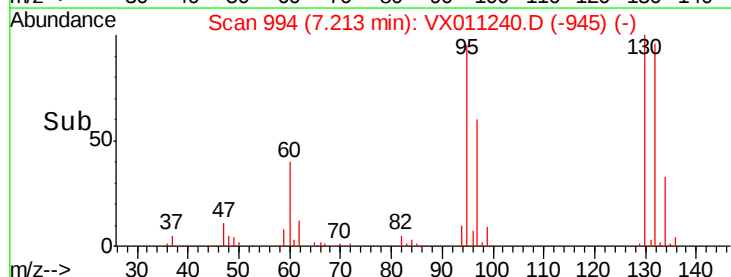
130 100

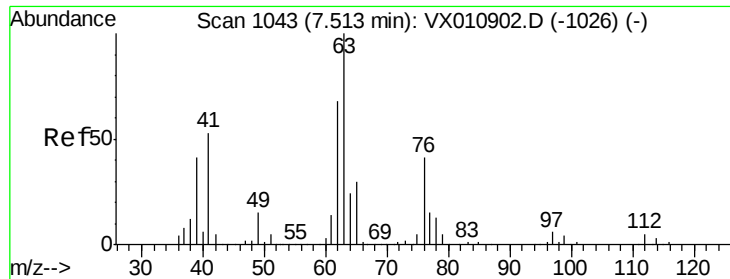
95 94.6 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): VX010902.D (-983) (-)

Ion 94.90 (94.60 to 95.60): VX010902.D (-983) (-)





#45

1,2-Dichloropropane

Concen: 51.936 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

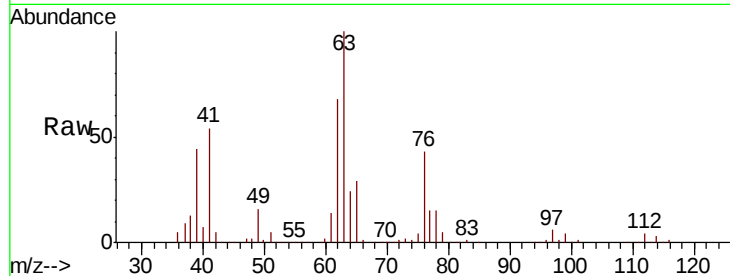
VSTDCCC050EC

Tgt Ion: 63 Resp: 87944

Ion Ratio Lower Upper

63 100

65 29.5 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

50000

40000

30000

20000

10000

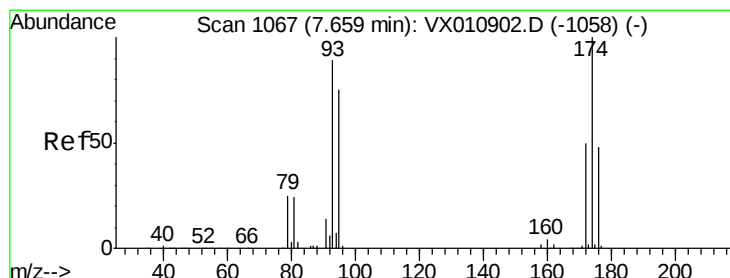
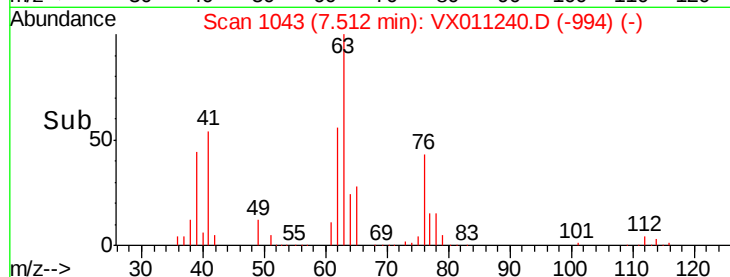
0

7.40

7.50

7.60

Time-->



#46

Dibromomethane

Concen: 53.868 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

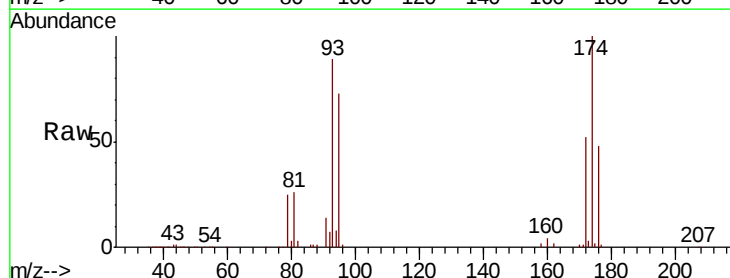
Tgt Ion: 93 Resp: 65180

Ion Ratio Lower Upper

93 100

95 83.2 67.2 100.8

174 112.0 90.6 135.8



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

50000

40000

30000

20000

10000

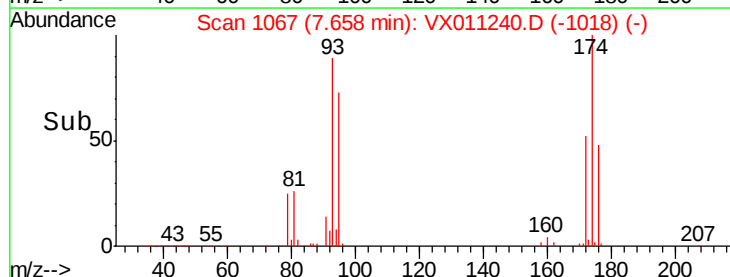
0

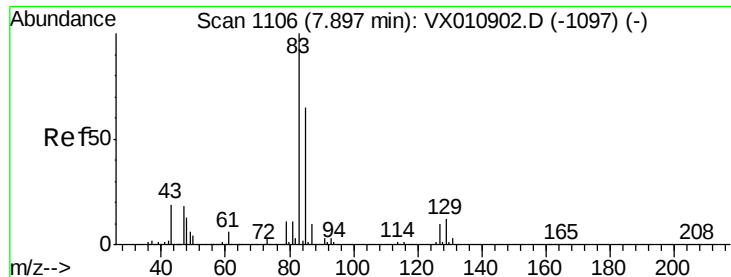
7.60

7.70

7.80

Time-->





#47

Bromodichloromethane

Concen: 55.300 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

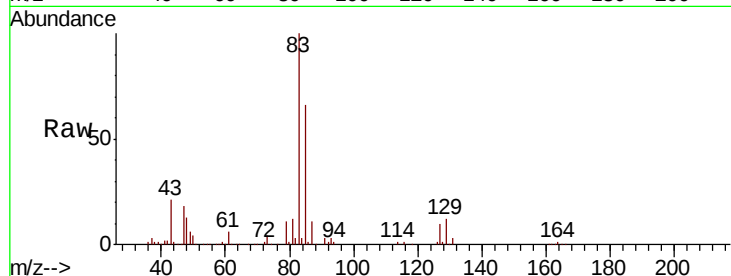
Tgt Ion: 83 Resp: 119109

Ion Ratio Lower Upper

83 100

85 65.6 52.5 78.7

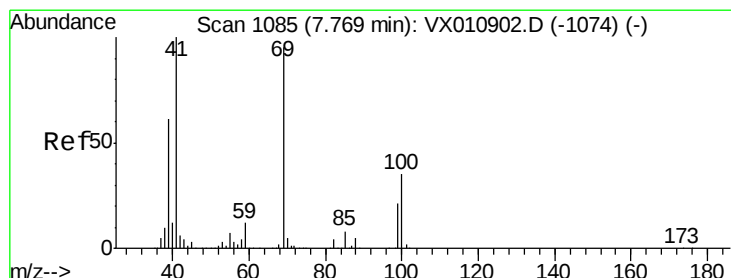
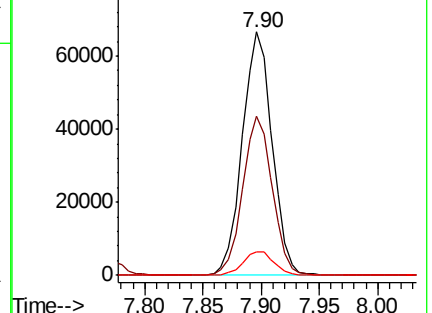
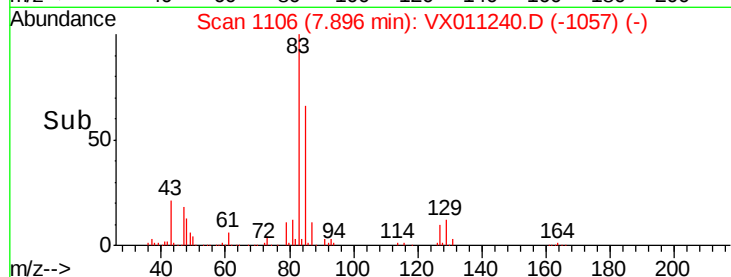
127 9.7 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 55.388 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

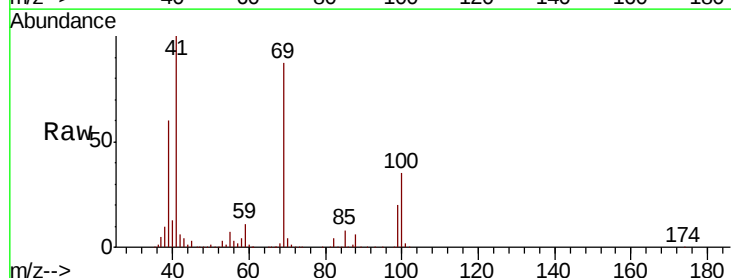
Tgt Ion: 41 Resp: 98672

Ion Ratio Lower Upper

41 100

69 88.3 74.4 111.6

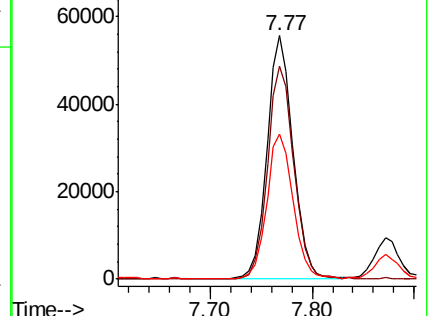
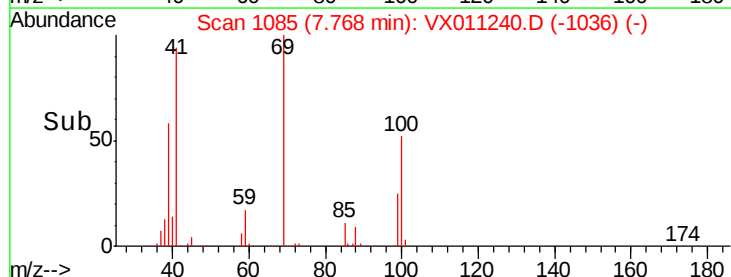
39 60.1 48.9 73.3

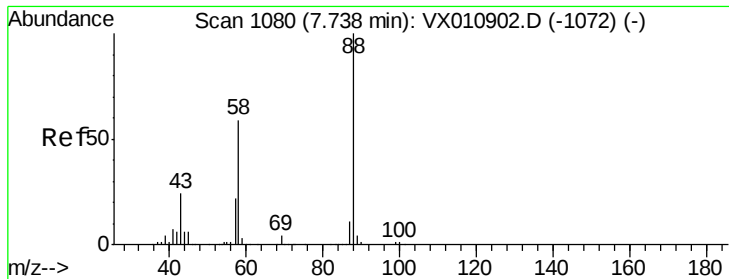


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

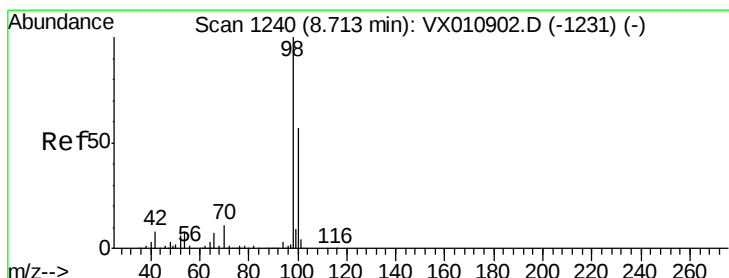
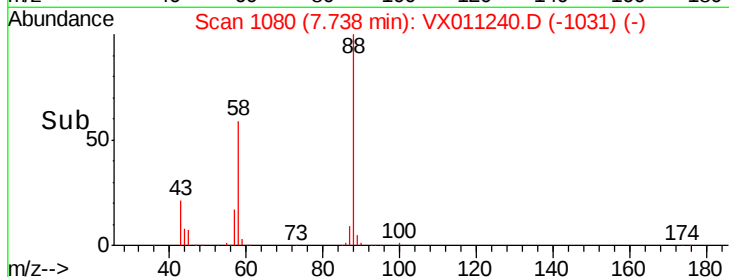
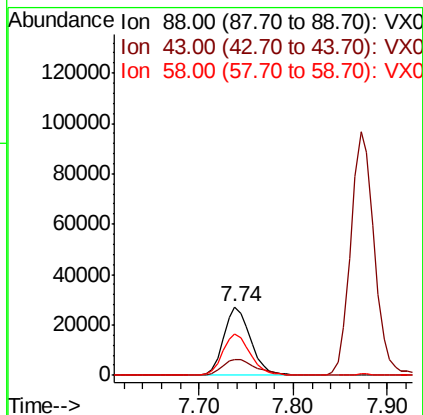
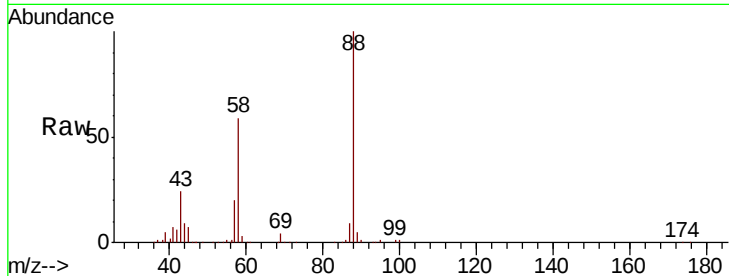




#49
 1,4-Dioxane
 Concen: 1071.292 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX011240.D
 Acq: 31 Jul 2019 09:38

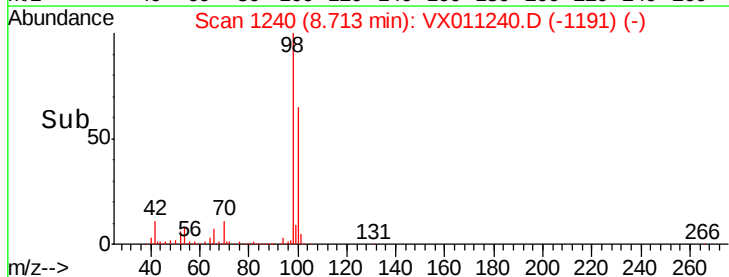
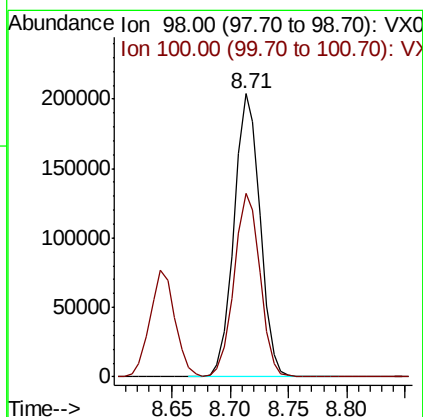
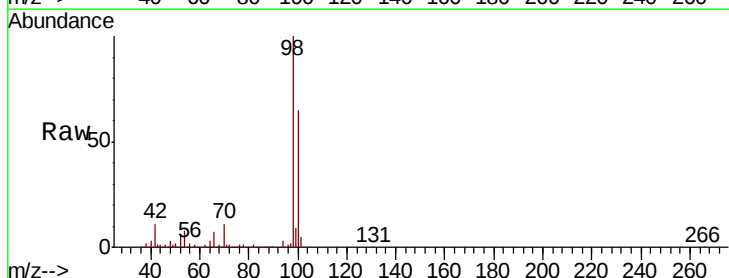
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

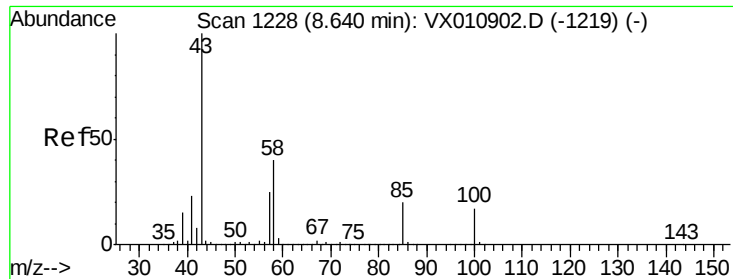
Tgt Ion: 88 Resp: 53384
 Ion Ratio Lower Upper
 88 100
 43 28.6 22.9 34.3
 58 62.9 49.8 74.8



#50
 Toluene-d8
 Concen: 50.424 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX011240.D
 Acq: 31 Jul 2019 09:38

Tgt Ion: 98 Resp: 317398
 Ion Ratio Lower Upper
 98 100
 100 64.7 50.6 75.8

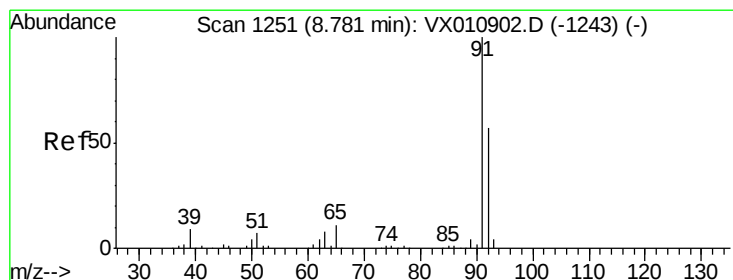
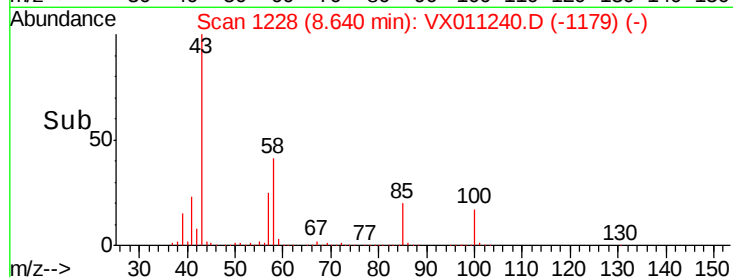
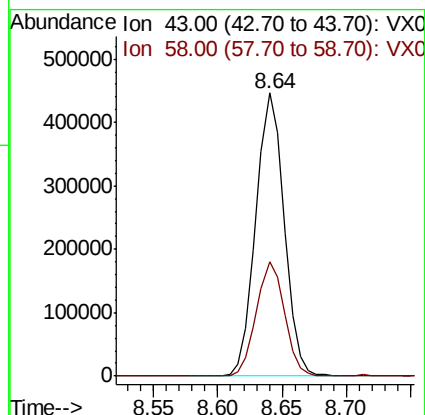
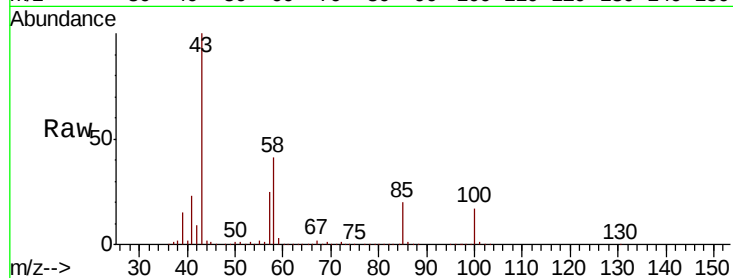




#51
 4-Methyl-2-Pentanone
 Concen: 285.835 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX011240.D
 Acq: 31 Jul 2019 09:38

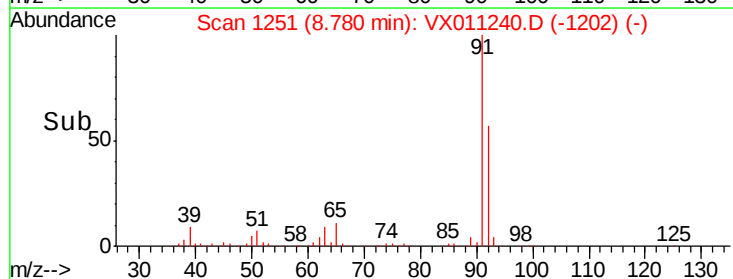
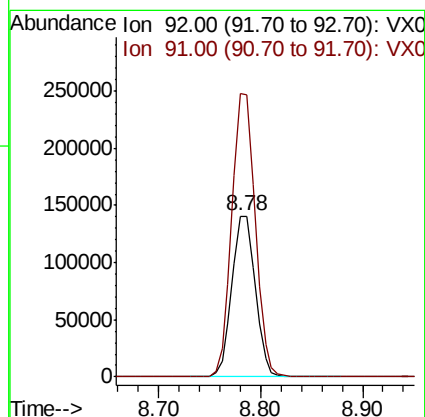
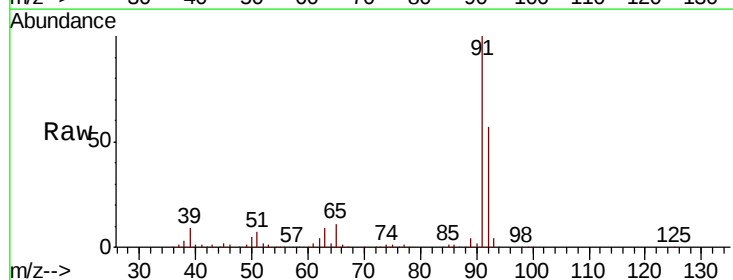
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

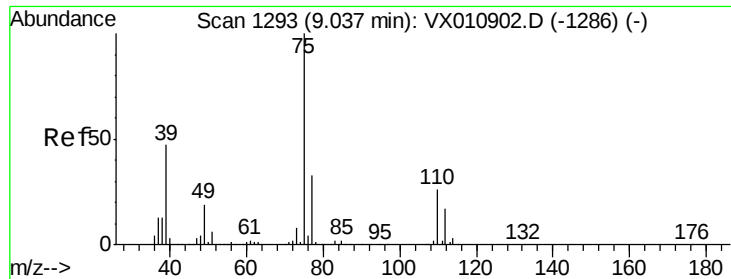
Tgt Ion: 43 Resp: 677581
 Ion Ratio Lower Upper
 43 100
 58 40.2 32.2 48.4



#52
 Toluene
 Concen: 50.983 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VX011240.D
 Acq: 31 Jul 2019 09:38

Tgt Ion: 92 Resp: 222824
 Ion Ratio Lower Upper
 92 100
 91 176.0 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 49.515 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

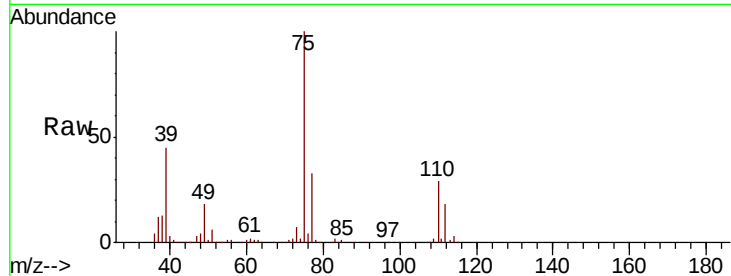
VSTDCCC050EC

Tgt Ion: 75 Resp: 114676

Ion Ratio Lower Upper

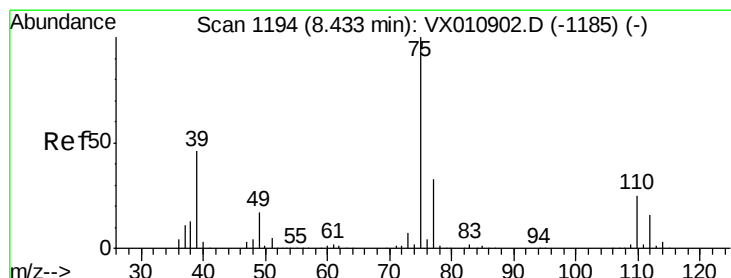
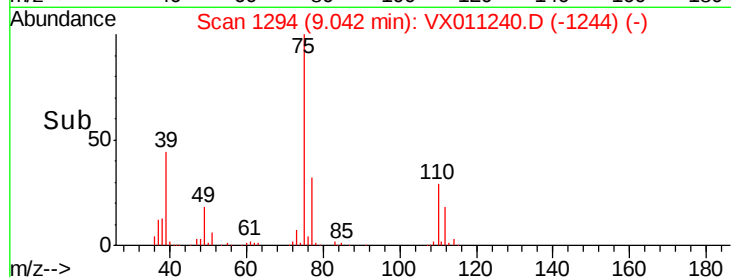
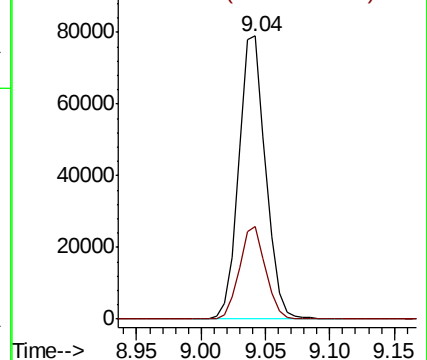
75 100

77 32.4 26.2 39.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 48.775 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

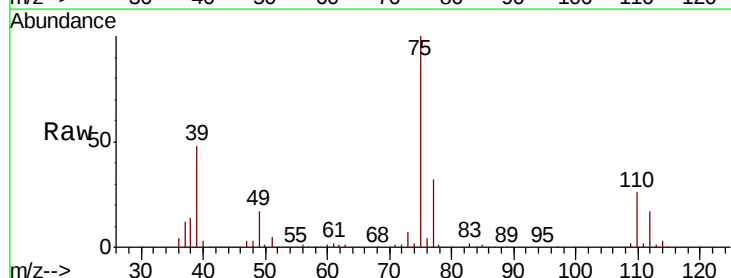
Tgt Ion: 75 Resp: 125695

Ion Ratio Lower Upper

75 100

77 32.1 26.1 39.1

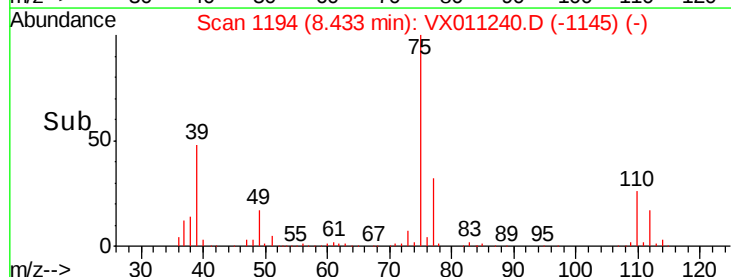
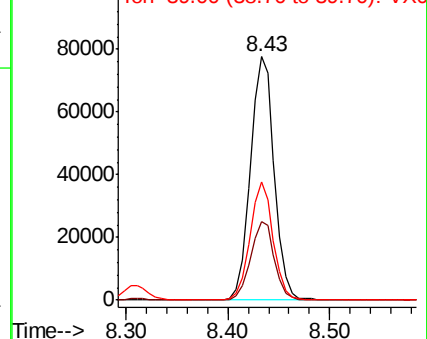
39 48.2 36.6 54.8

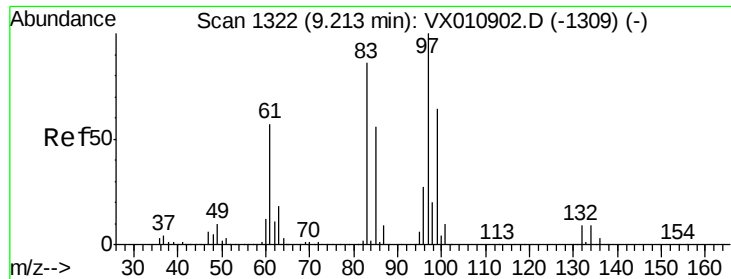


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 55.056 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 99076

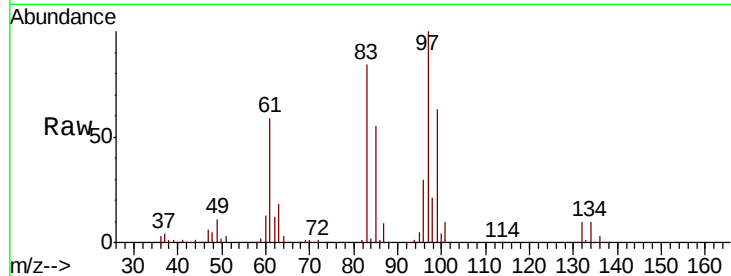
Ion Ratio Lower Upper

97 100

83 84.1 69.2 103.8

85 54.9 44.6 66.8

99 62.9 51.2 76.8

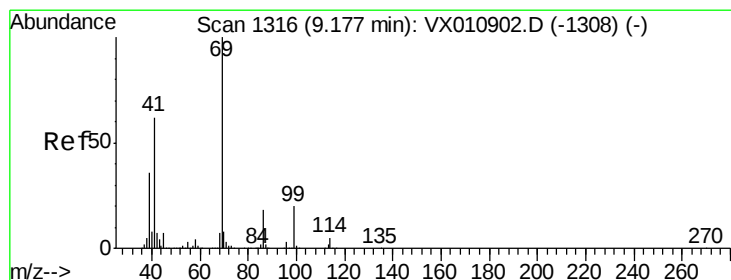
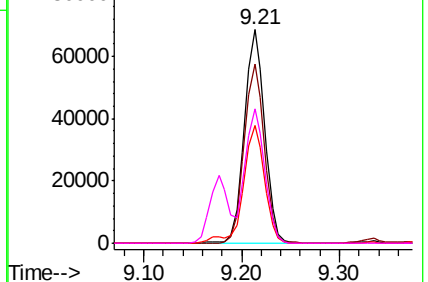
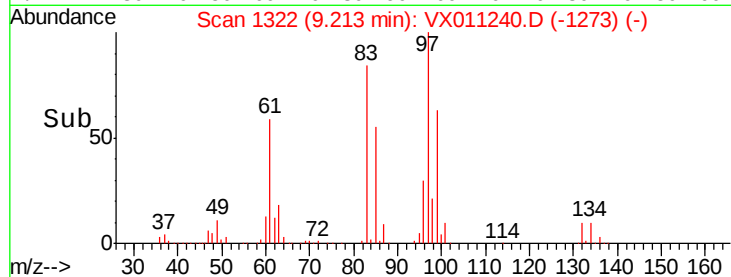


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 56.375 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

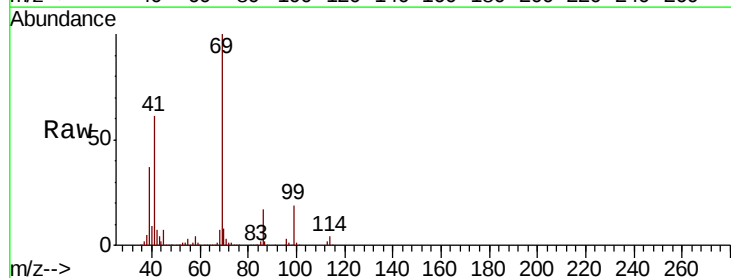
Tgt Ion: 69 Resp: 148398

Ion Ratio Lower Upper

69 100

41 62.4 49.7 74.5

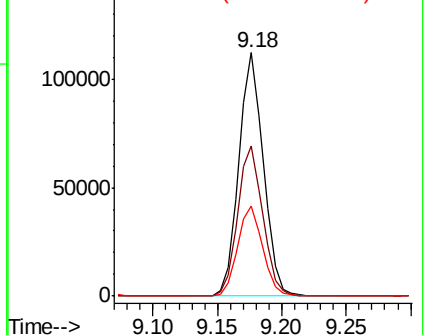
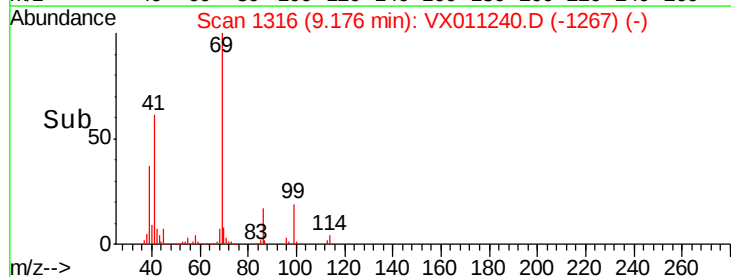
39 37.7 29.6 44.4

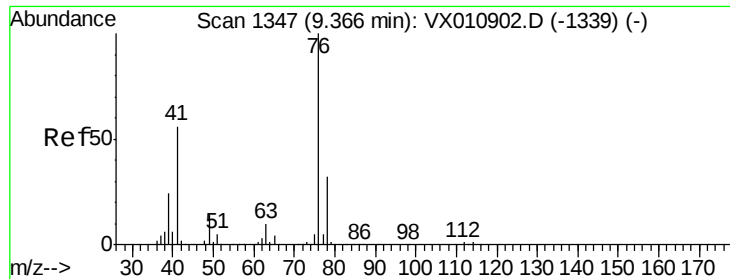


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 53.666 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

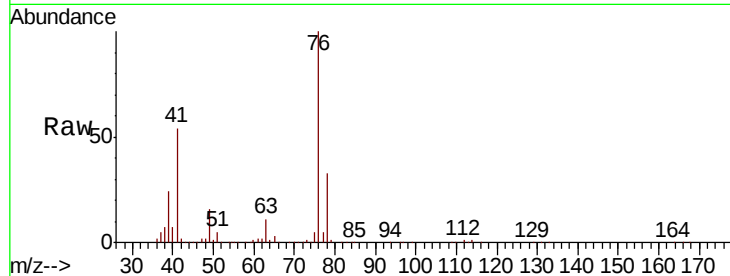
VSTDCCC050EC

Tgt Ion: 76 Resp: 153203

Ion Ratio Lower Upper

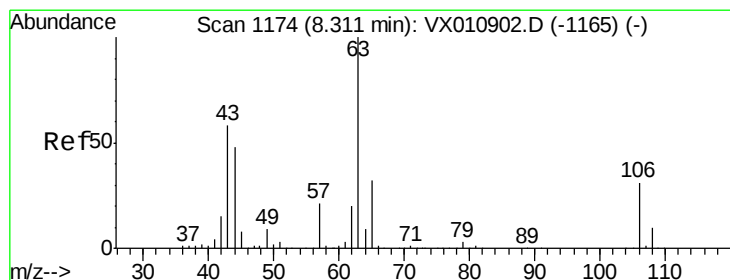
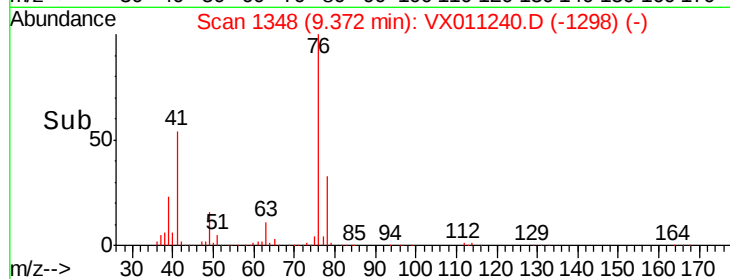
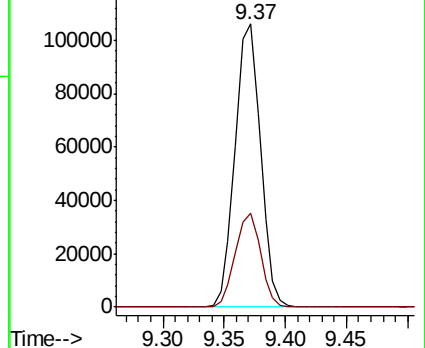
76 100

78 33.1 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 262.880 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX011240.D

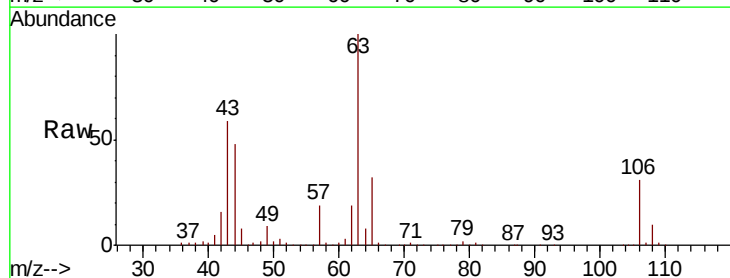
Acq: 31 Jul 2019 09:38

Tgt Ion: 63 Resp: 330328

Ion Ratio Lower Upper

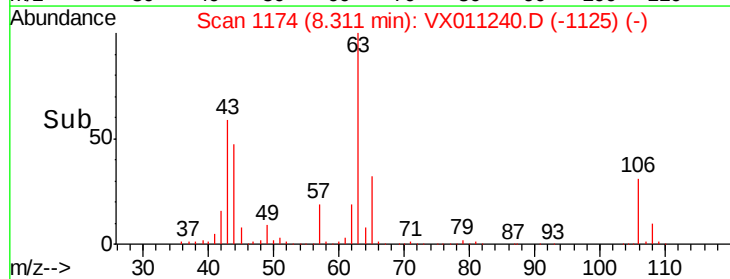
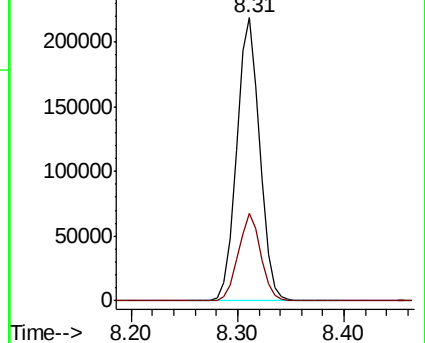
63 100

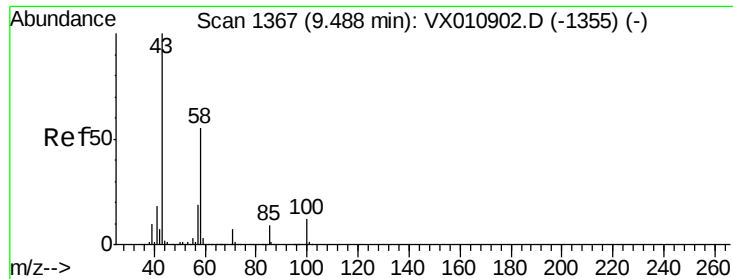
106 30.1 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

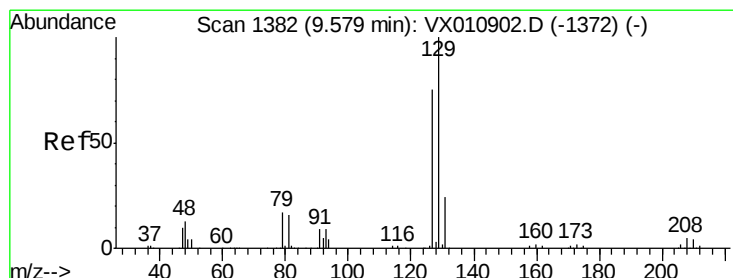
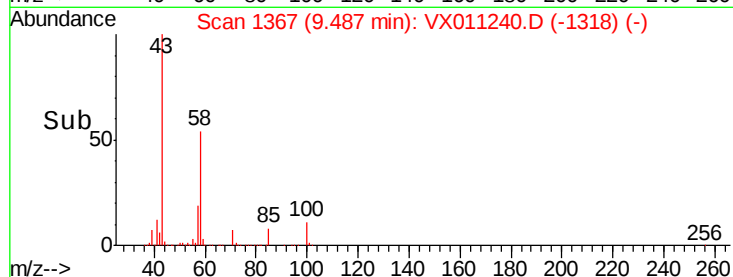
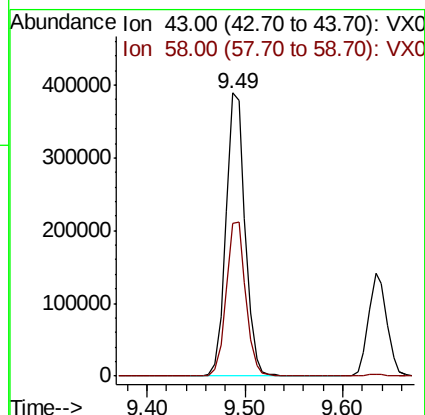
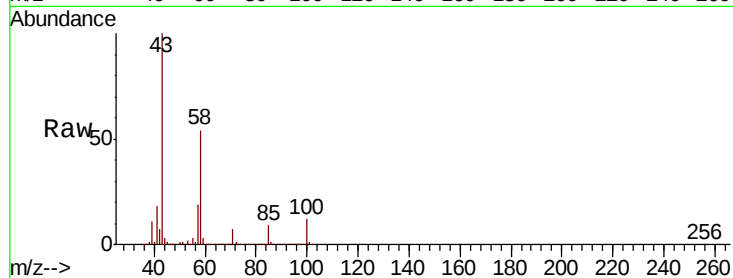




#59
2-Hexanone
Concen: 286.484 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

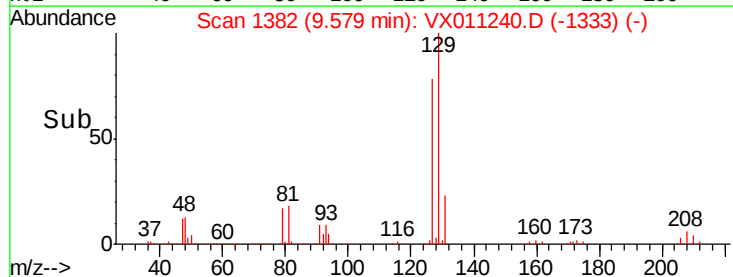
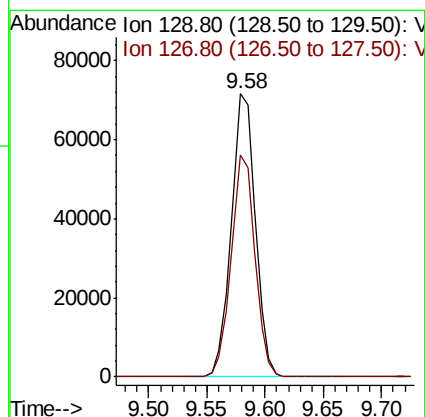
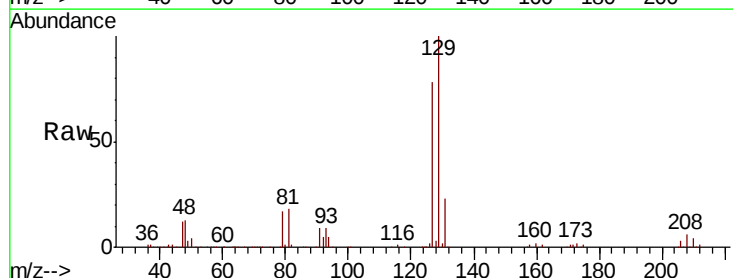
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

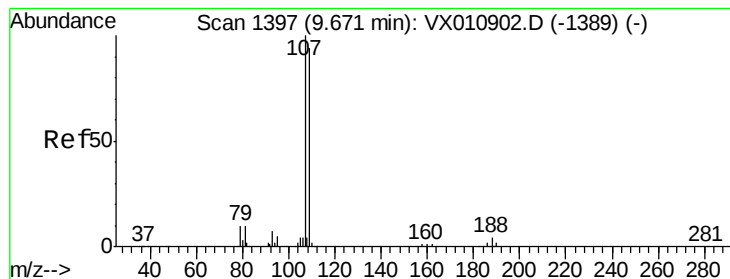
Tgt Ion: 43 Resp: 526736
Ion Ratio Lower Upper
43 100
58 55.4 28.0 83.9



#60
Dibromochloromethane
Concen: 50.144 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Tgt Ion: 129 Resp: 103869
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 54.761 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

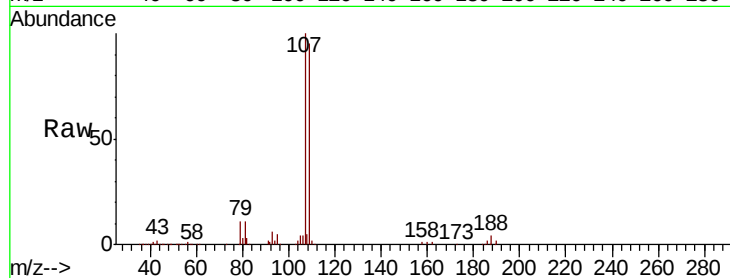
VSTDCCC050EC

Tgt Ion: 107 Resp: 104583

Ion Ratio Lower Upper

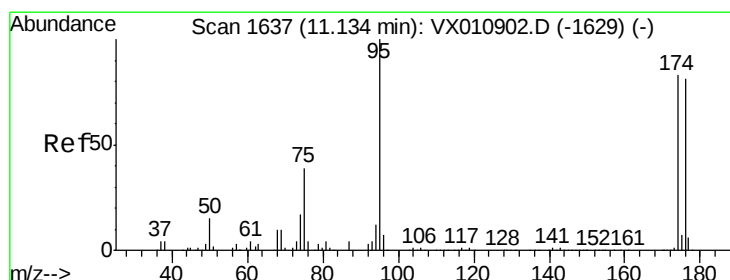
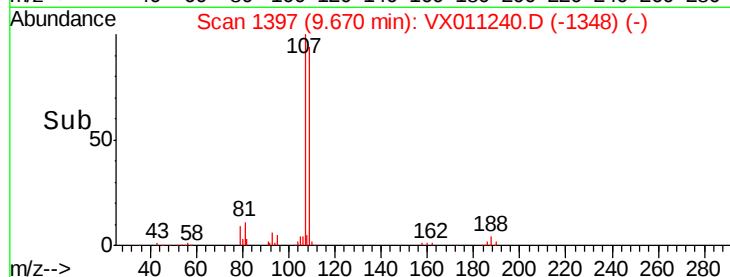
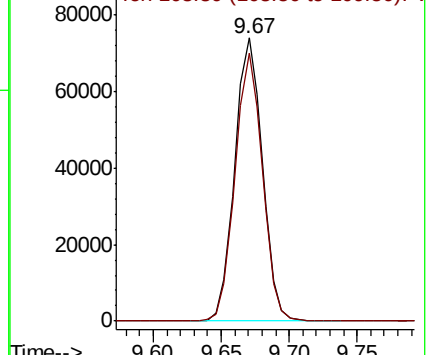
107 100

109 93.9 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.696 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

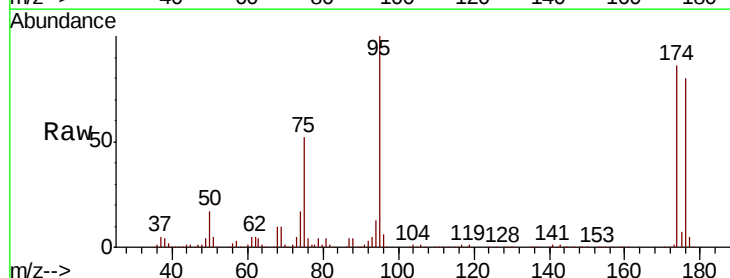
Tgt Ion: 95 Resp: 124237

Ion Ratio Lower Upper

95 100

174 90.5 0.0 180.6

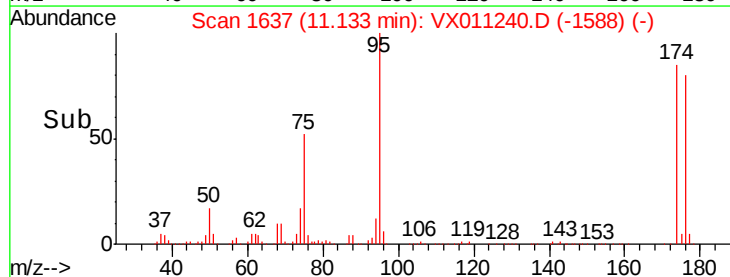
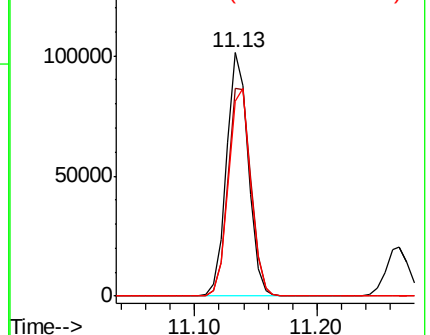
176 87.6 0.0 173.8

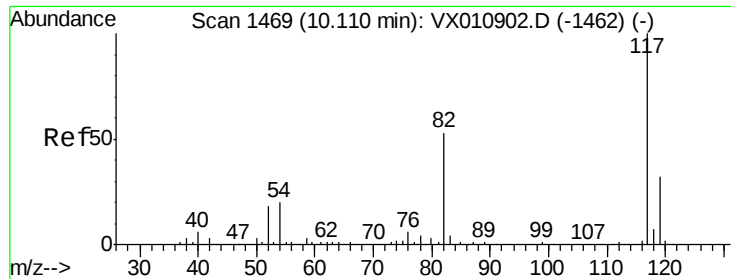


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

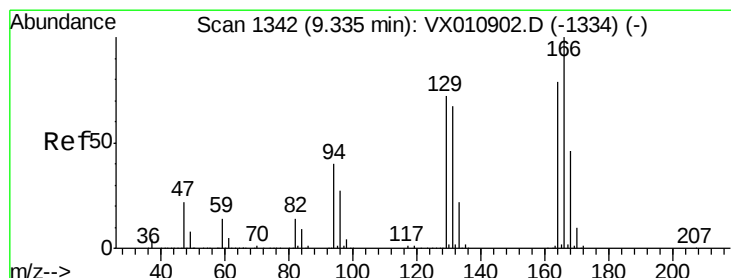
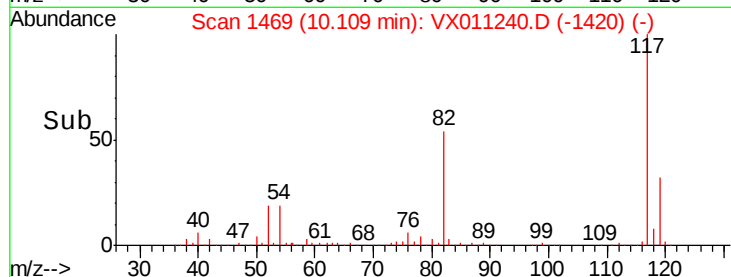
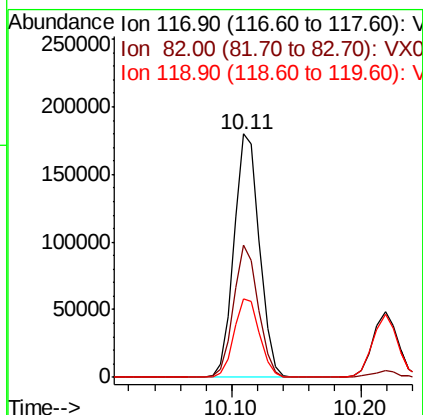
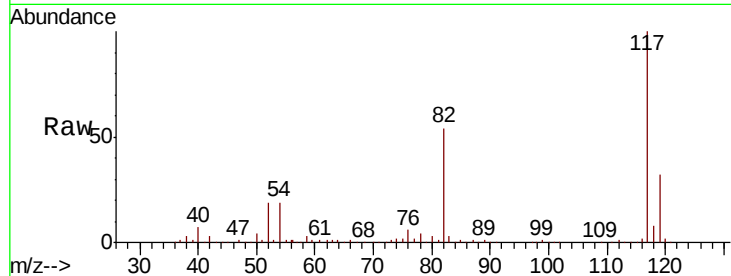




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

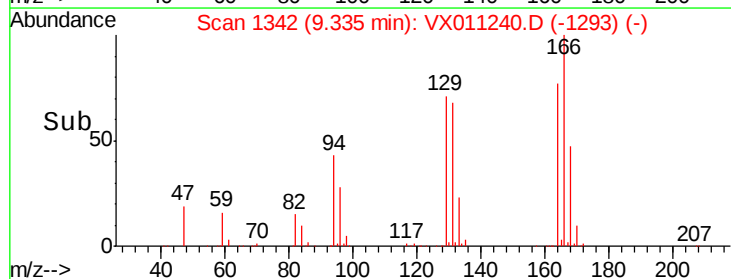
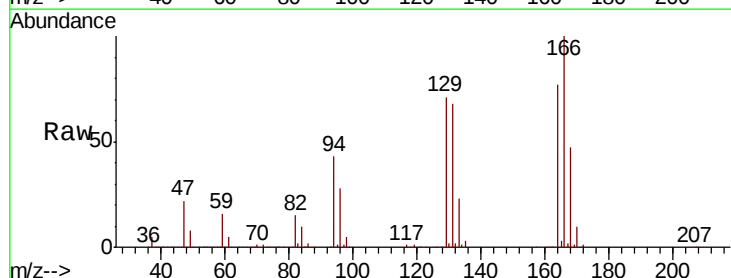
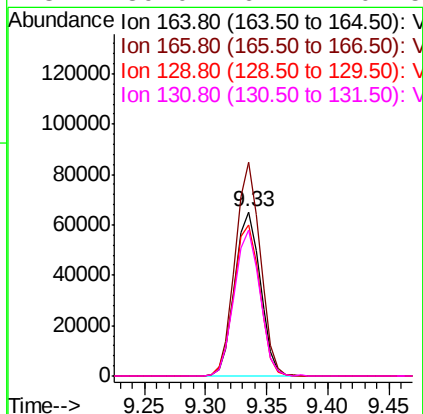
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

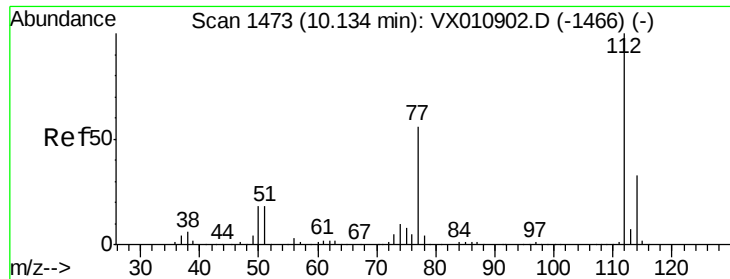
Tgt Ion:117 Resp: 247589
Ion Ratio Lower Upper
117 100
82 54.2 42.6 63.8
119 32.1 25.9 38.9



#64
Tetrachloroethene
Concen: 48.503 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Tgt Ion:164 Resp: 94471
Ion Ratio Lower Upper
164 100
166 130.2 100.8 151.2
129 92.0 72.6 109.0
131 89.0 67.7 101.5

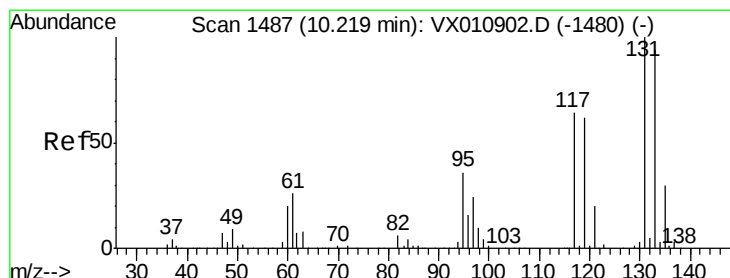
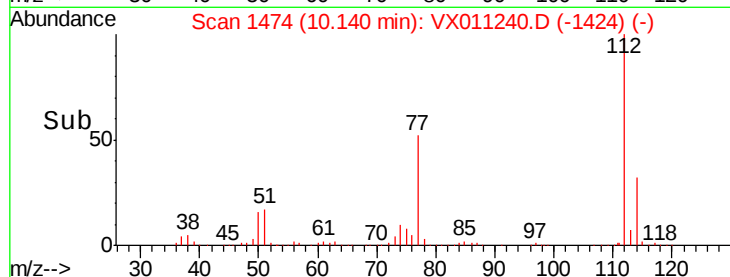
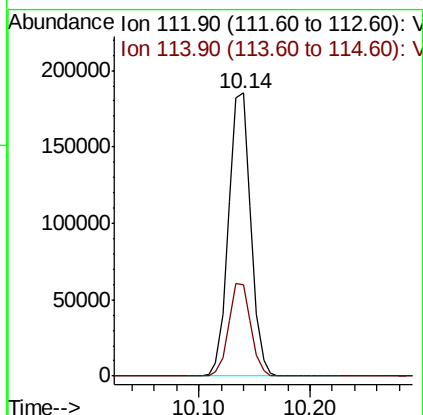
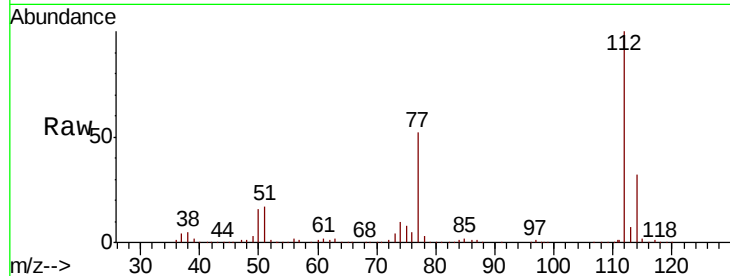




#65
Chlorobenzene
Concen: 50.346 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

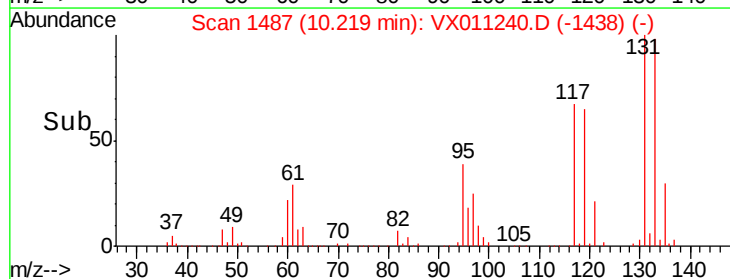
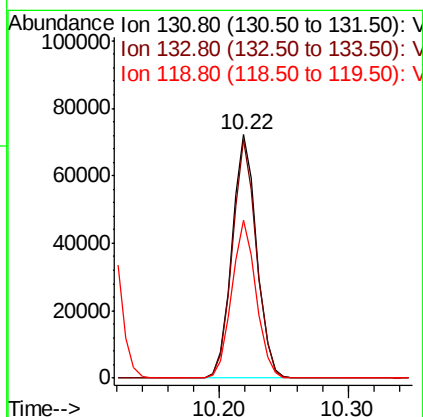
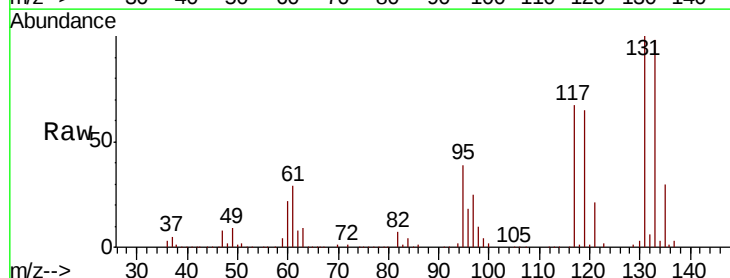
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

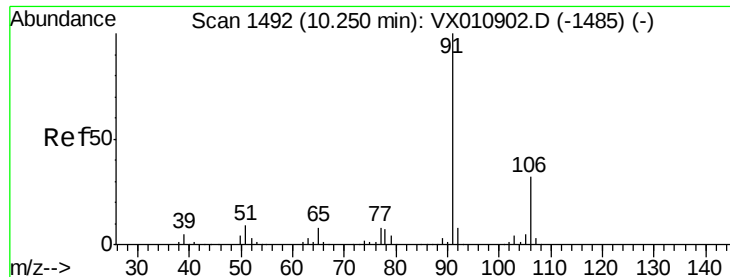
Tgt Ion:112 Resp: 256024
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.983 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Tgt Ion:131 Resp: 96480
Ion Ratio Lower Upper
131 100
133 96.0 47.1 141.4
119 64.2 31.9 95.7





#67

Ethyl Benzene

Concen: 51.695 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

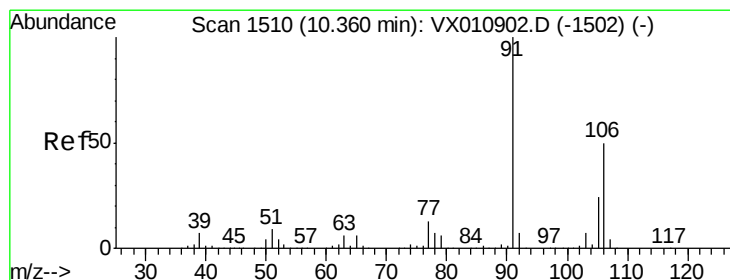
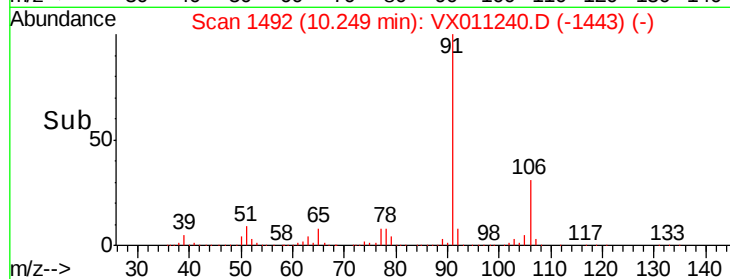
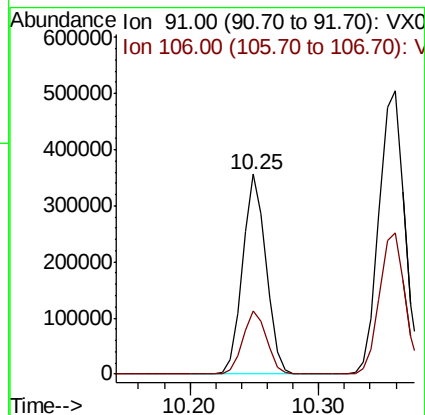
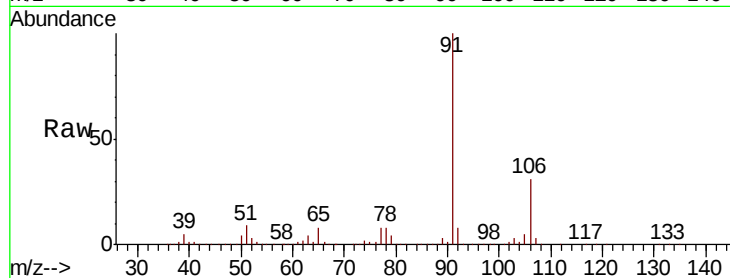
VSTDCCC050EC

Tgt Ion: 91 Resp: 447456

Ion Ratio Lower Upper

91 100

106 31.5 25.4 38.2



#68

m/p-Xylenes

Concen: 103.239 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX011240.D

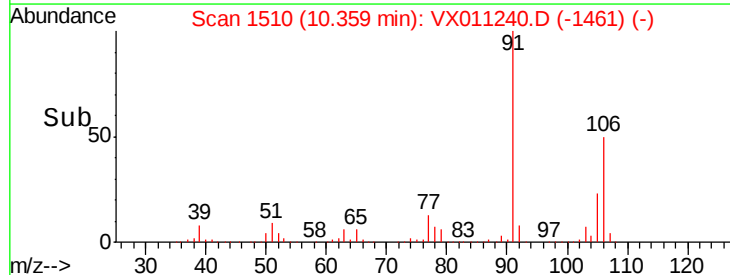
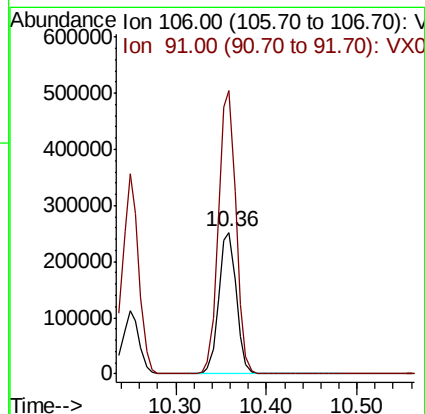
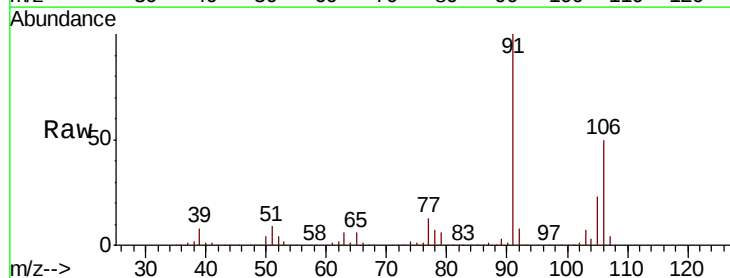
Acq: 31 Jul 2019 09:38

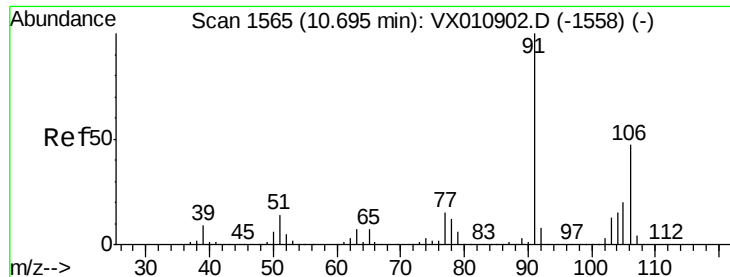
Tgt Ion: 106 Resp: 342781

Ion Ratio Lower Upper

106 100

91 200.2 160.1 240.1

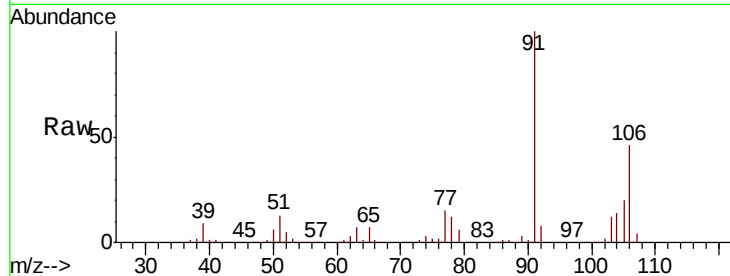




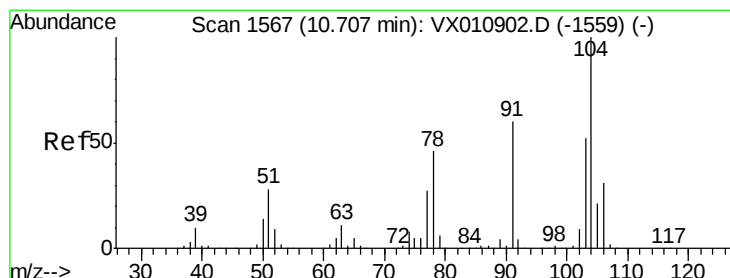
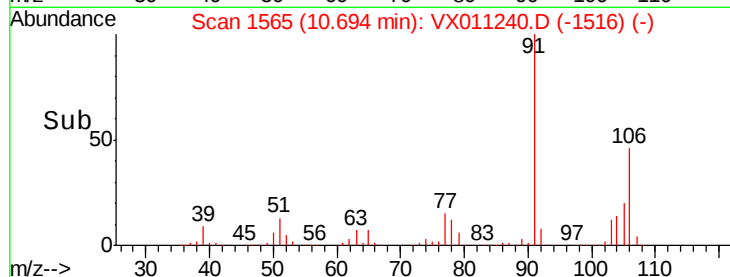
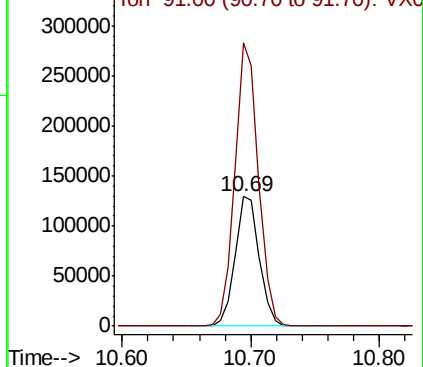
#69
o-Xylene
Concen: 51.954 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 168352
Ion Ratio Lower Upper
106 100
91 213.2 105.1 315.3

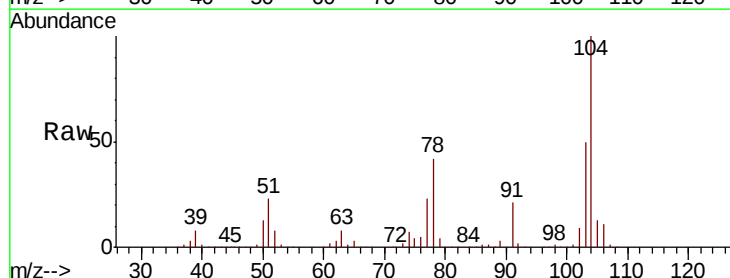


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

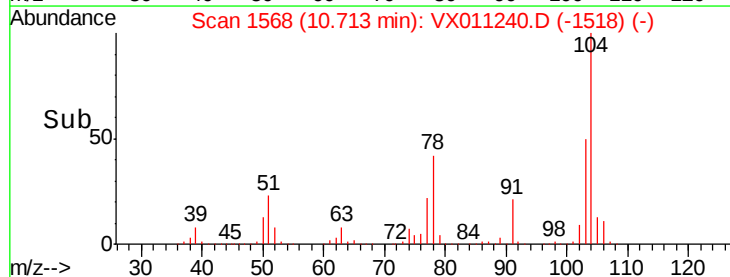
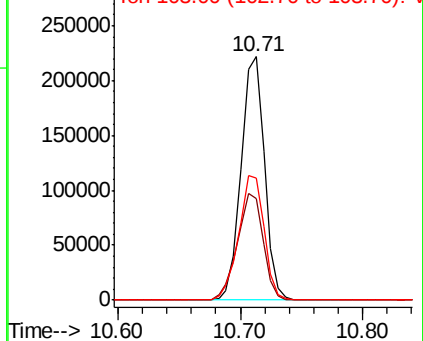


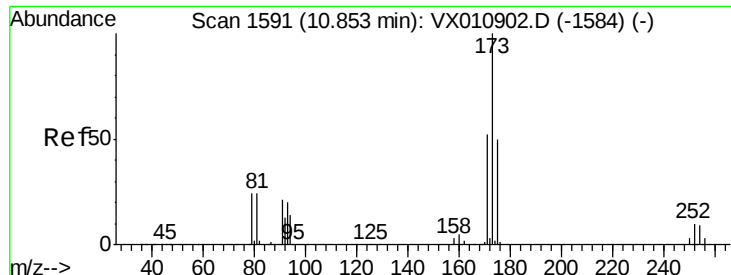
#70
Styrene
Concen: 54.346 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Tgt Ion:104 Resp: 293565
Ion Ratio Lower Upper
104 100
78 48.1 38.8 58.2
103 55.5 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 48.891 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

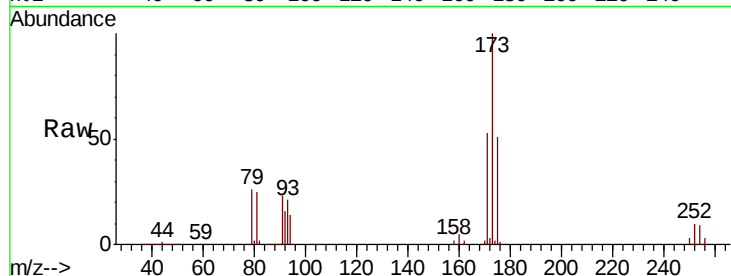
Tgt Ion:173 Resp: 79463

Ion Ratio Lower Upper

173 100

175 49.6 24.6 73.6

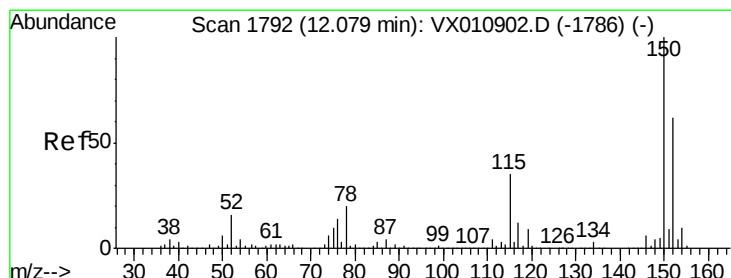
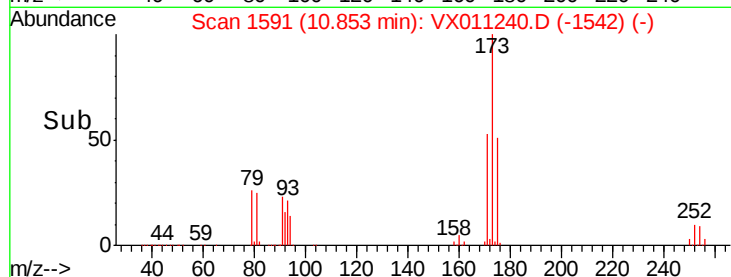
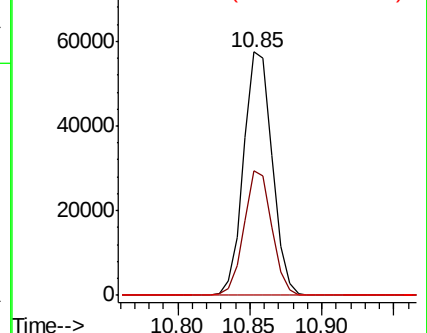
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

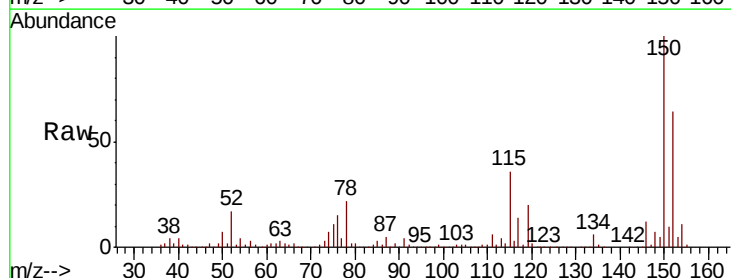
Tgt Ion:152 Resp: 135362

Ion Ratio Lower Upper

152 100

115 79.8 39.7 119.1

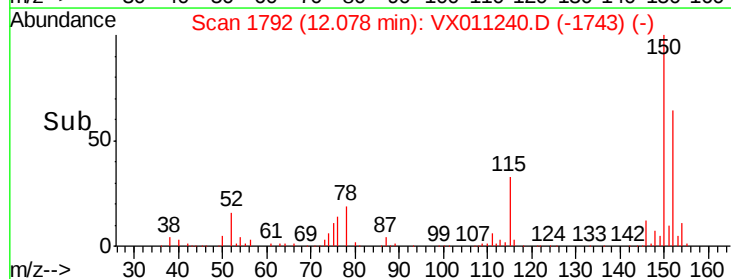
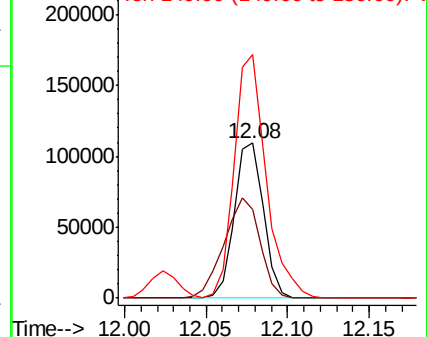
150 172.1 0.0 345.6

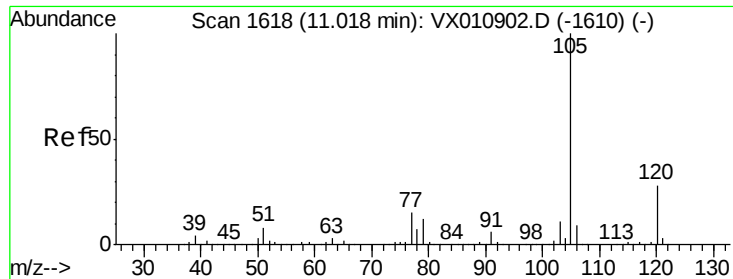


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.866 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

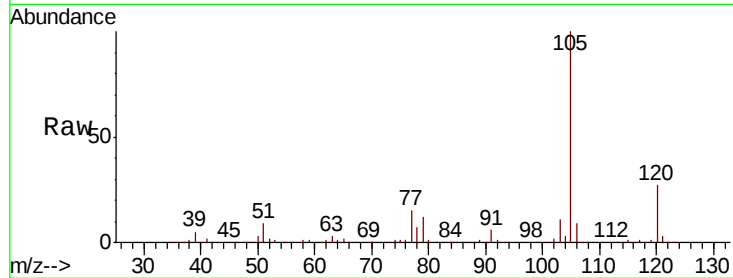
VSTDCCC050EC

Tgt Ion: 105 Resp: 456091

Ion Ratio Lower Upper

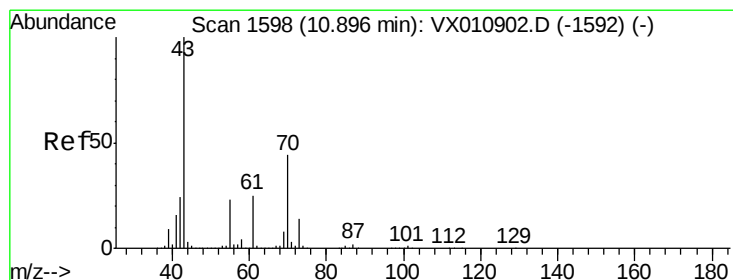
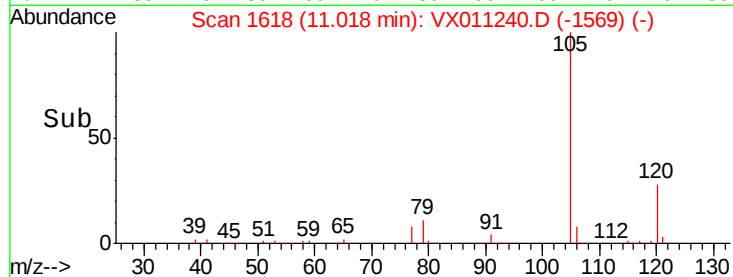
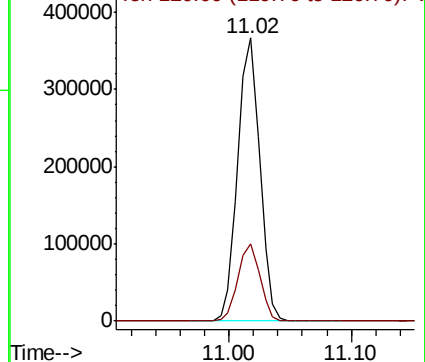
105 100

120 27.4 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.028 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Tgt Ion: 43 Resp: 181825

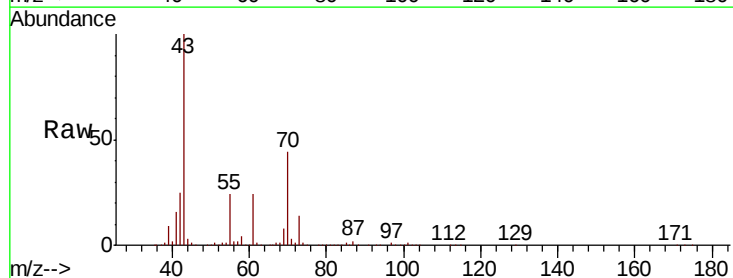
Ion Ratio Lower Upper

43 100

70 44.5 34.7 52.1

55 25.0 19.1 28.7

61 25.0 19.9 29.9

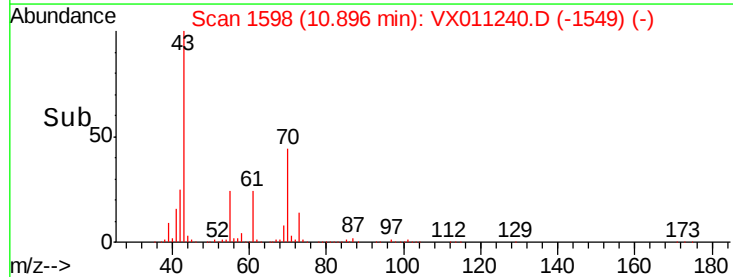
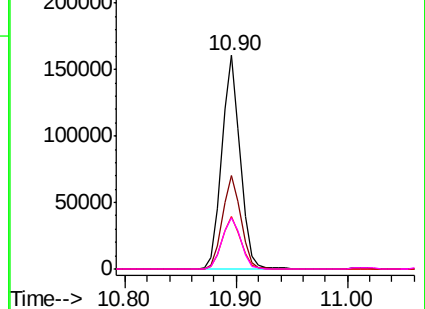


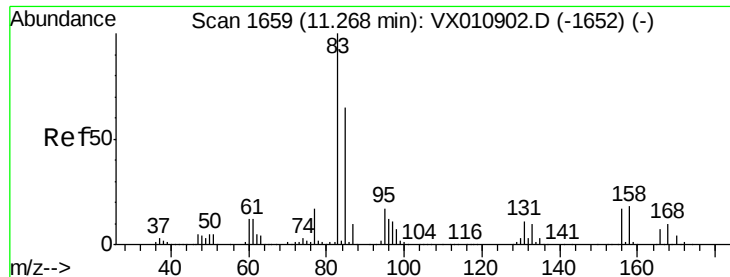
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.697 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

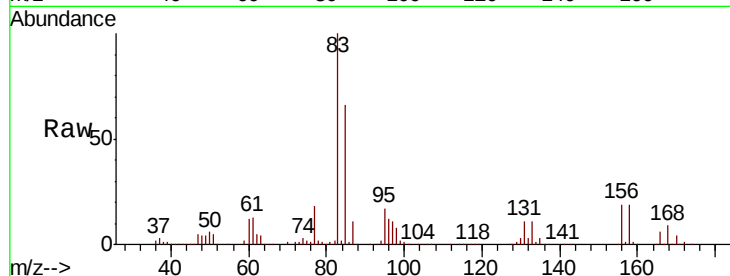
Tgt Ion: 83 Resp: 157732

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.4

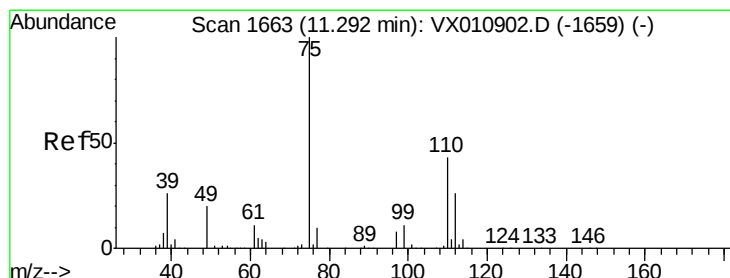
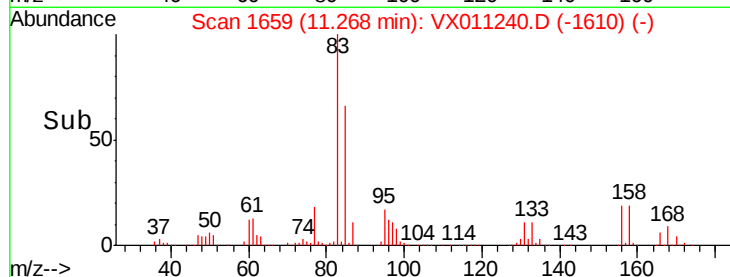
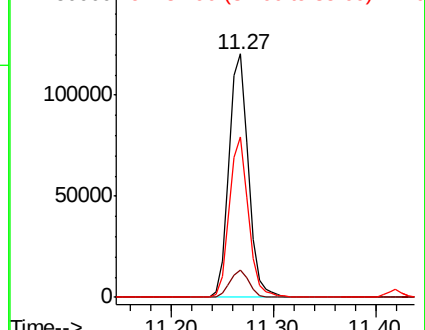
85 64.5 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 66.919 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011240.D

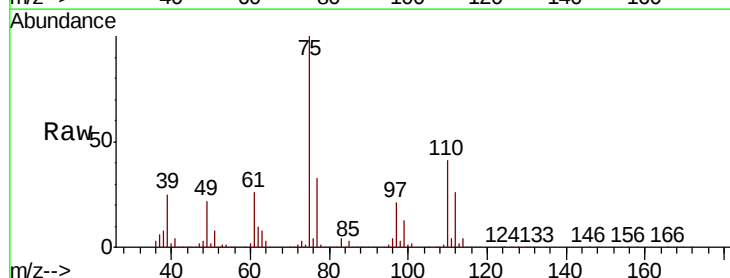
Acq: 31 Jul 2019 09:38

Tgt Ion: 75 Resp: 163462

Ion Ratio Lower Upper

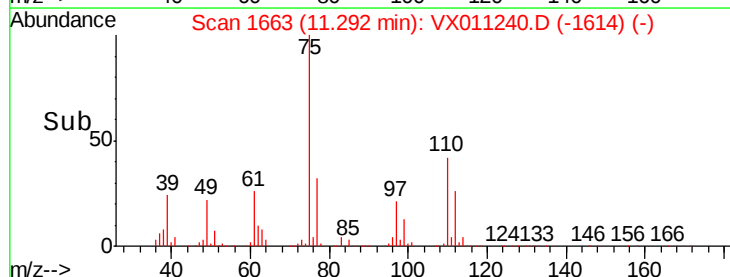
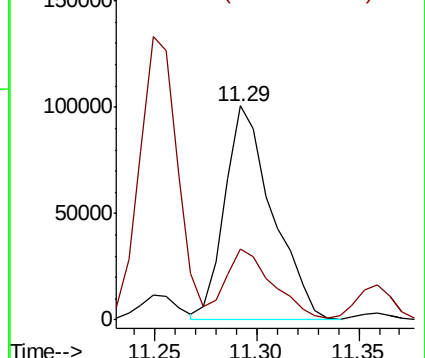
75 100

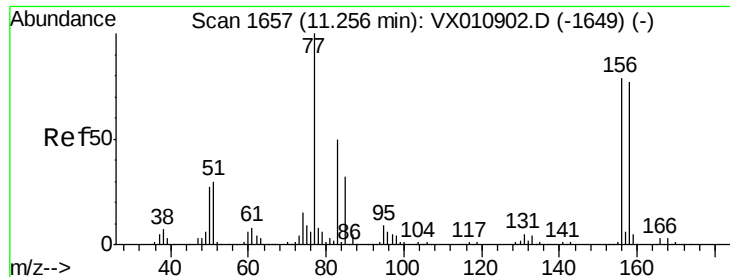
77 32.5 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.312 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

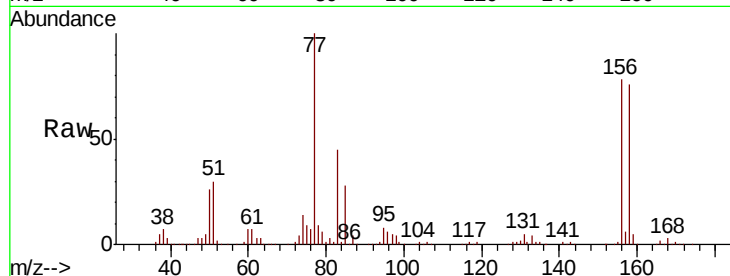
Tgt Ion:156 Resp: 124408

Ion Ratio Lower Upper

156 100

77 138.3 68.7 206.1

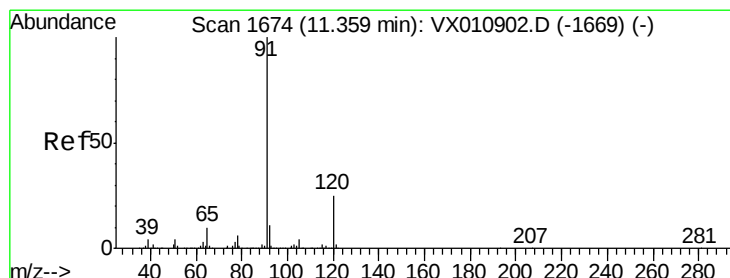
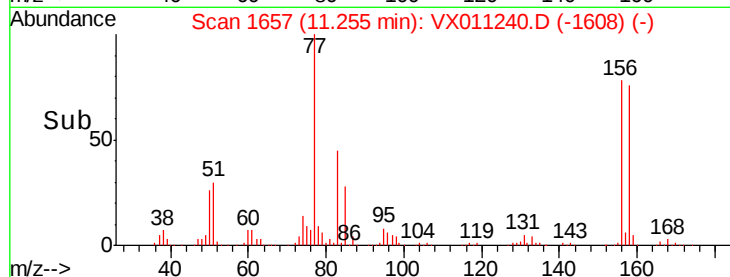
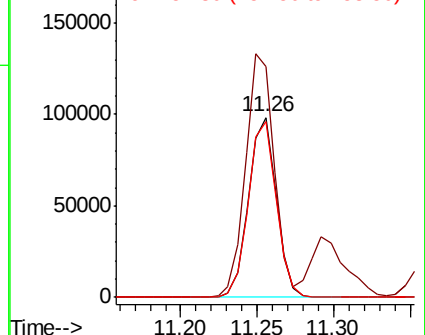
158 98.0 47.9 143.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.069 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011240.D

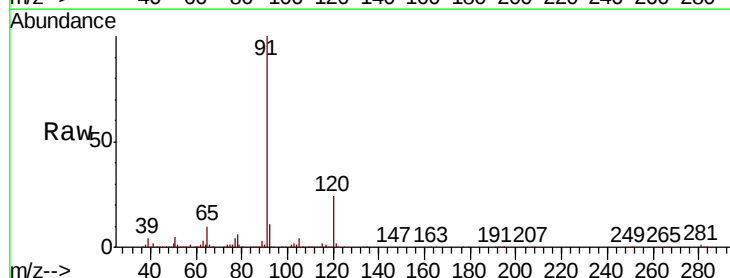
Acq: 31 Jul 2019 09:38

Tgt Ion: 91 Resp: 516102

Ion Ratio Lower Upper

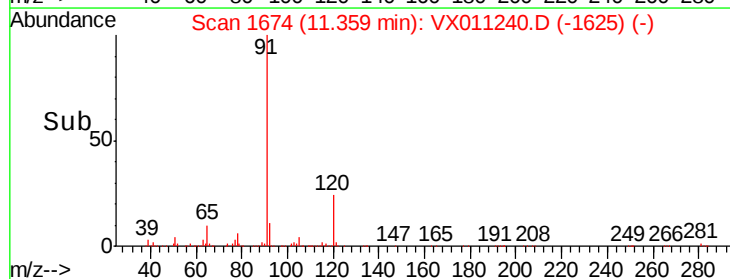
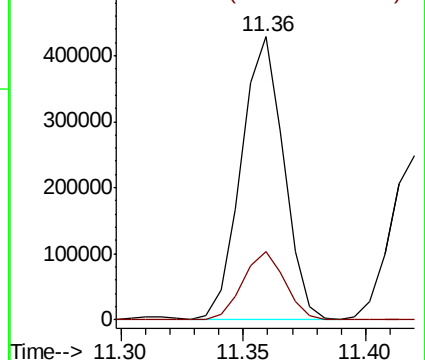
91 100

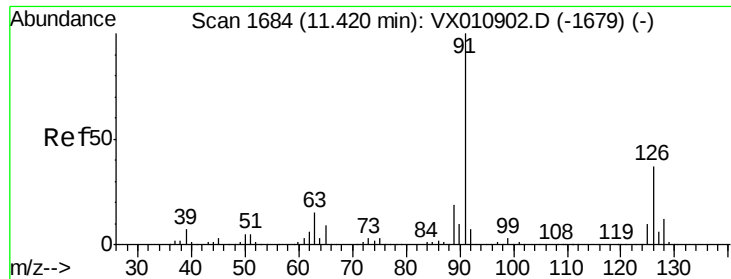
120 24.0 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

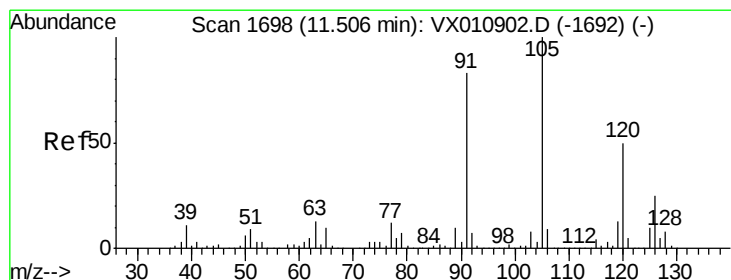
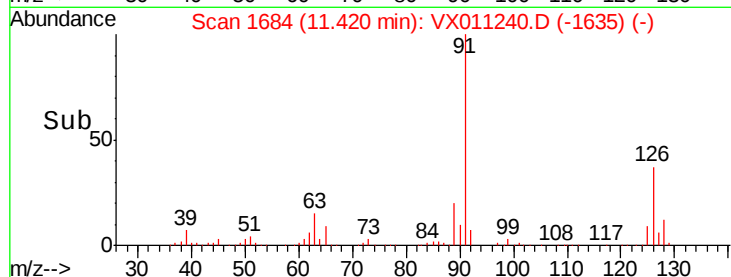
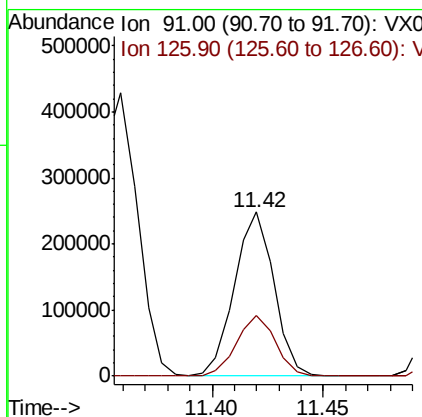
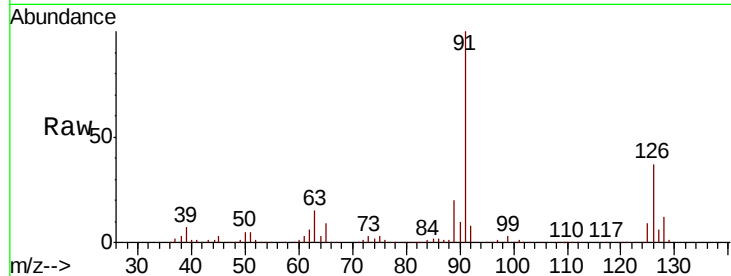




#79
 2-Chlorotoluene
 Concen: 50.437 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX011240.D
 Acq: 31 Jul 2019 09:38

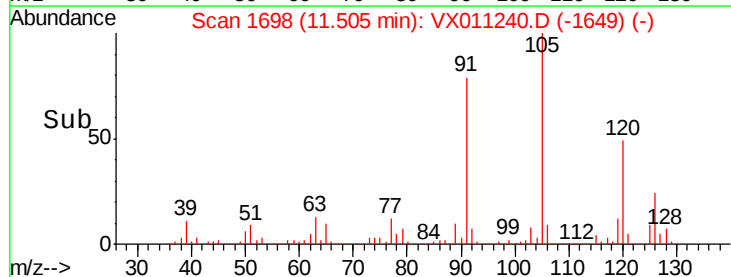
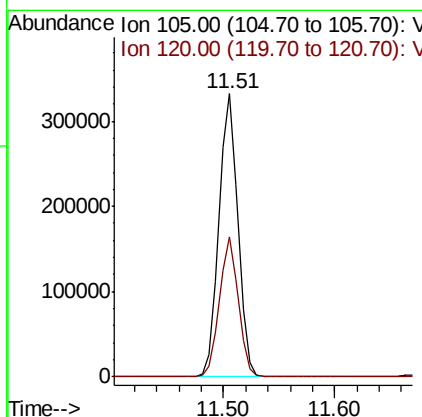
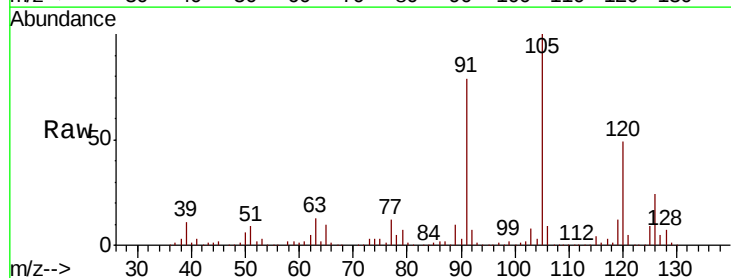
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

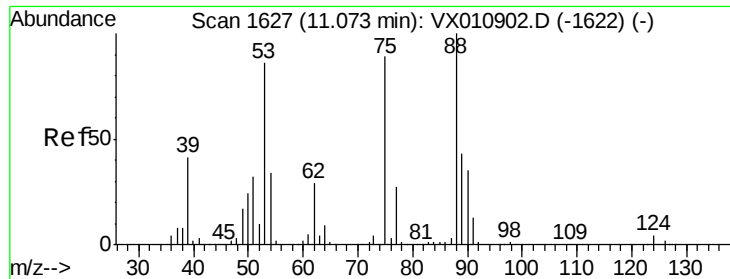
Tgt Ion: 91 Resp: 306200
 Ion Ratio Lower Upper
 91 100
 126 36.6 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 51.190 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX011240.D
 Acq: 31 Jul 2019 09:38

Tgt Ion: 105 Resp: 391228
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 38.298 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

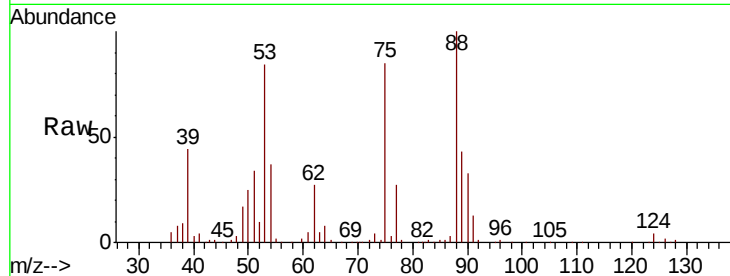
Tgt Ion: 75 Resp: 35949

Ion Ratio Lower Upper

75 100

53 102.8 76.7 115.1

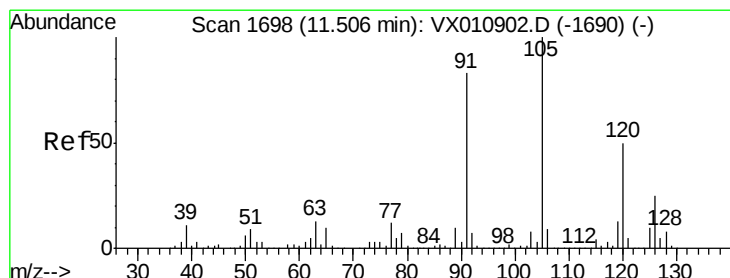
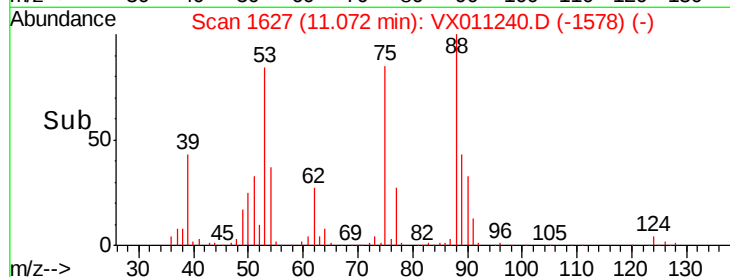
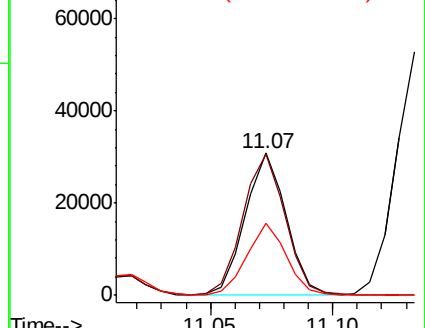
89 49.3 38.5 57.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.655 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX011240.D

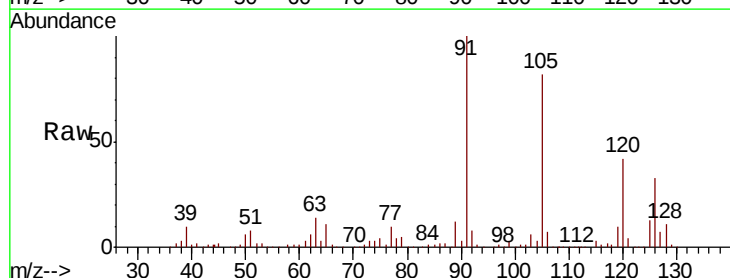
Acq: 31 Jul 2019 09:38

Tgt Ion: 91 Resp: 357924

Ion Ratio Lower Upper

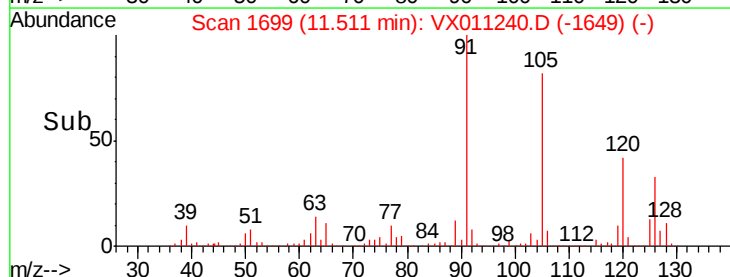
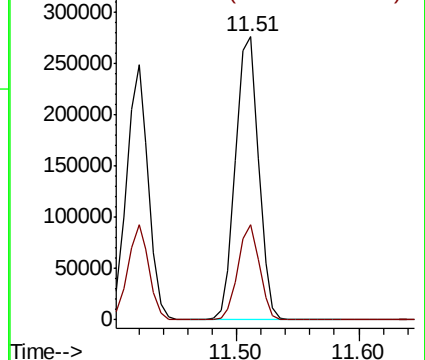
91 100

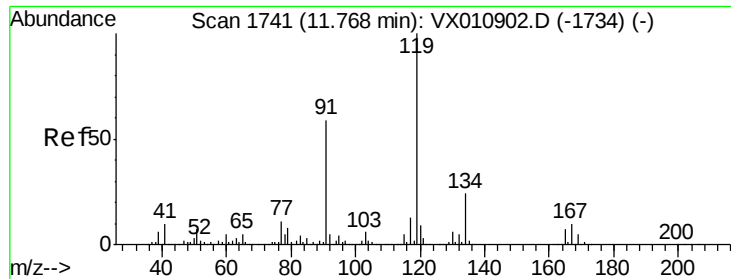
126 31.6 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

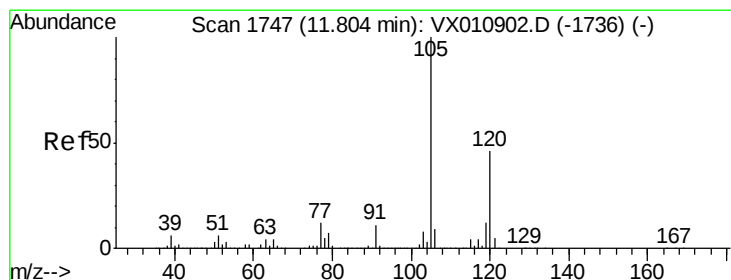
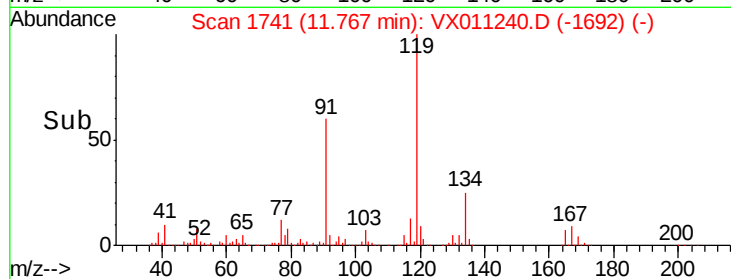
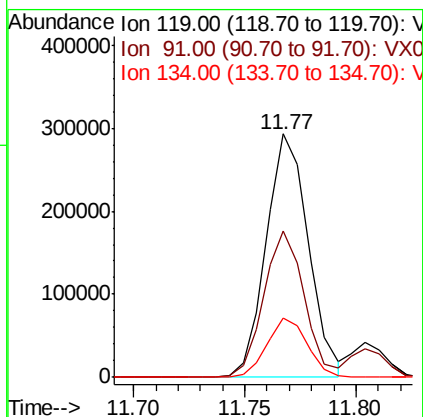
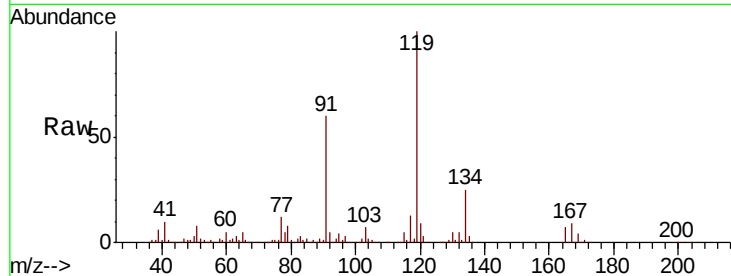




#83
 tert-Butylbenzene
 Concen: 51.328 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX011240.D
 Acq: 31 Jul 2019 09:38

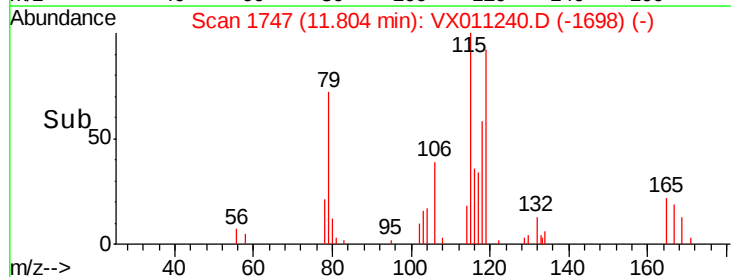
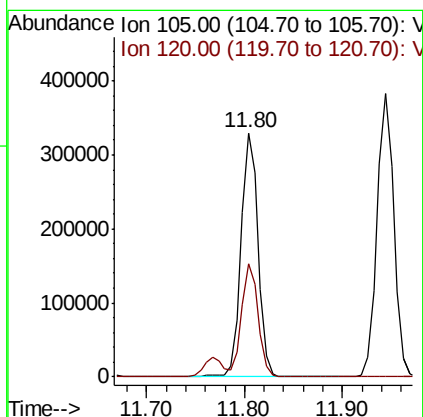
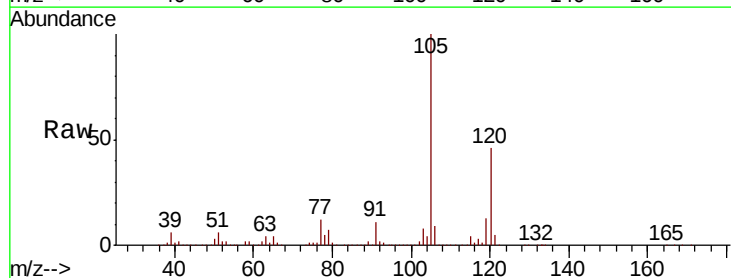
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

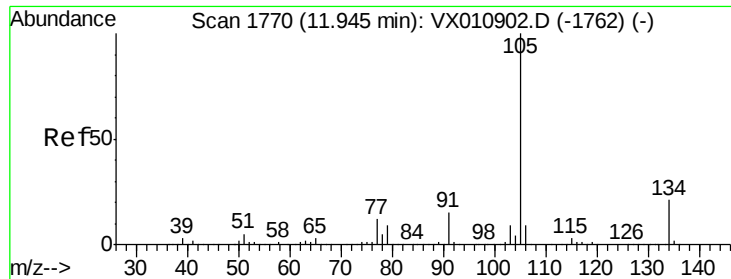
Tgt Ion:119 Resp: 385325
 Ion Ratio Lower Upper
 119 100
 91 57.9 28.6 85.8
 134 23.6 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 51.437 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX011240.D
 Acq: 31 Jul 2019 09:38

Tgt Ion:105 Resp: 396224
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.9 68.5

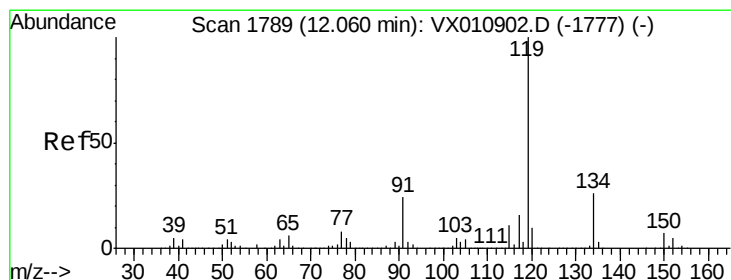
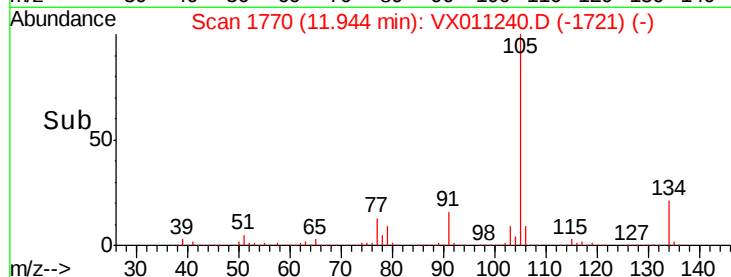
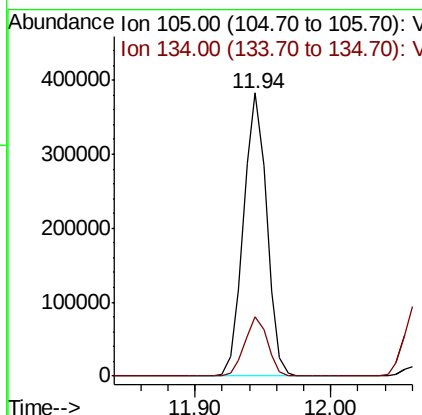
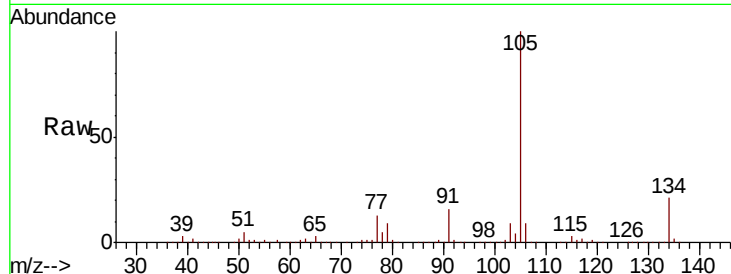




#85
 sec-Butylbenzene
 Concen: 51.832 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX011240.D
 Acq: 31 Jul 2019 09:38

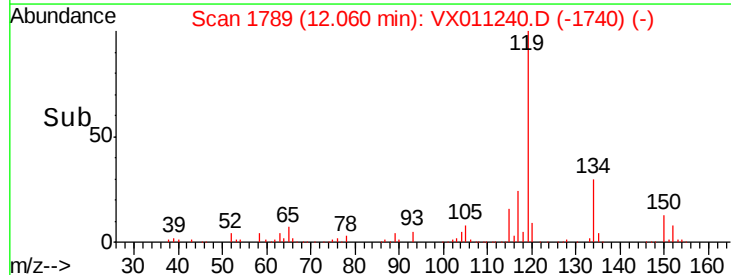
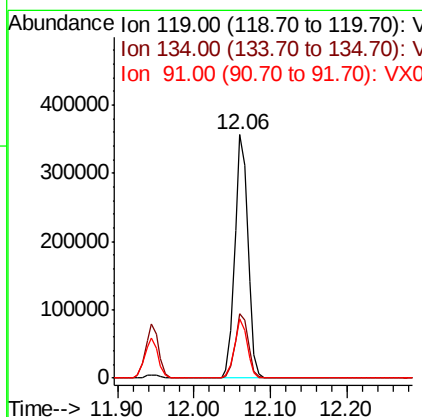
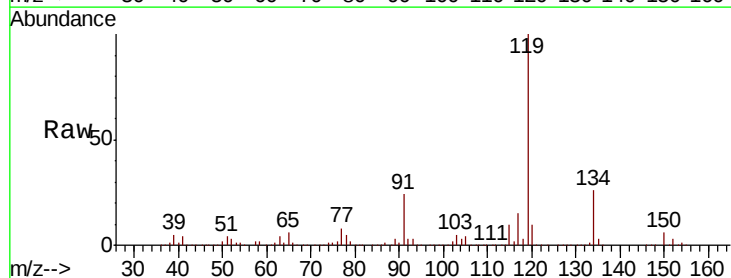
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

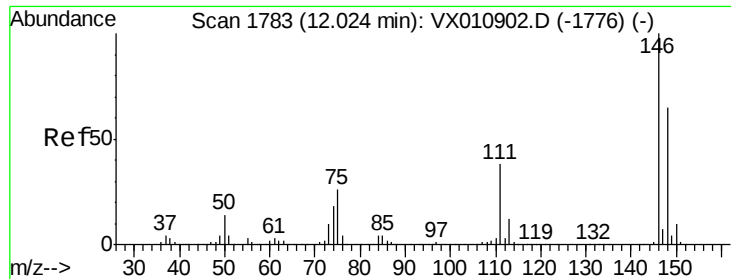
Tgt Ion:105 Resp: 455931
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 52.069 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX011240.D
 Acq: 31 Jul 2019 09:38

Tgt Ion:119 Resp: 423432
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.1
 91 23.5 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 50.444 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

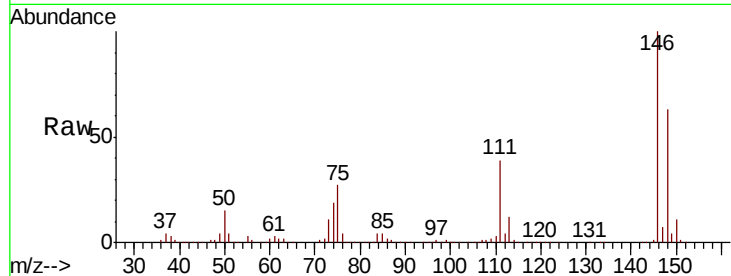
Tgt Ion:146 Resp: 220857

Ion Ratio Lower Upper

146 100

111 38.3 18.9 56.9

148 63.8 32.2 96.6

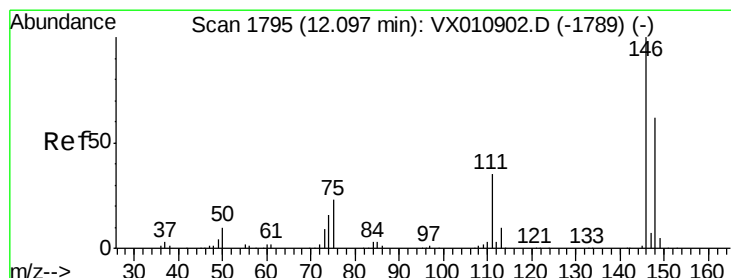
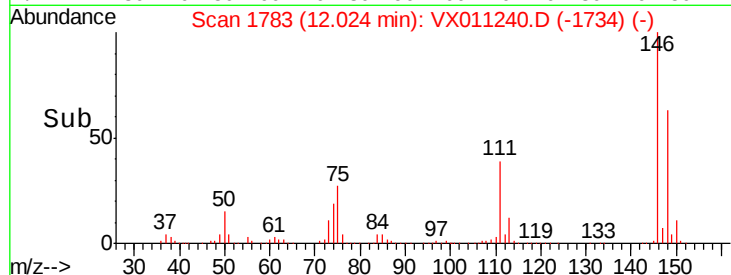
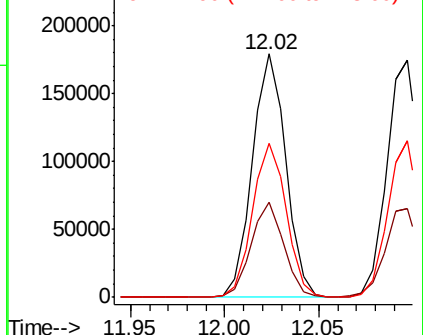


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.170 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

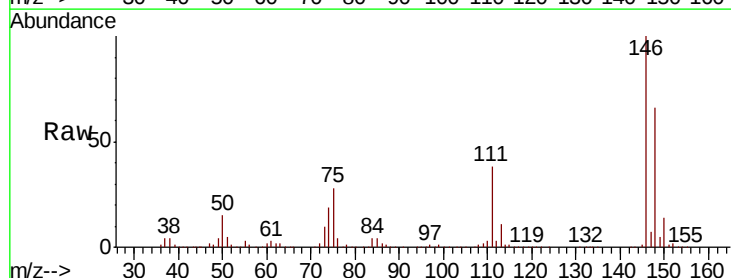
Tgt Ion:146 Resp: 220790

Ion Ratio Lower Upper

146 100

111 38.3 18.6 55.8

148 63.9 31.6 94.7

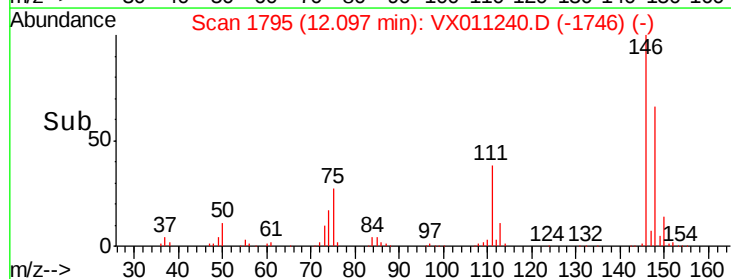
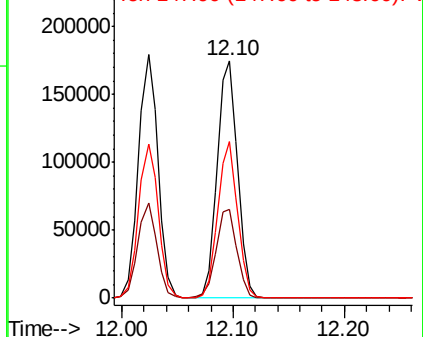


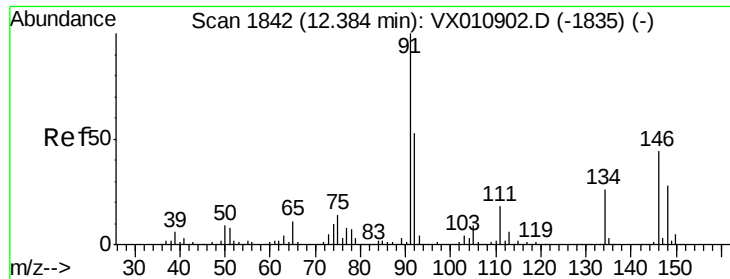
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

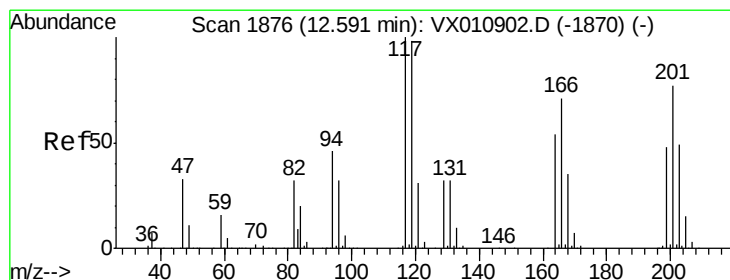
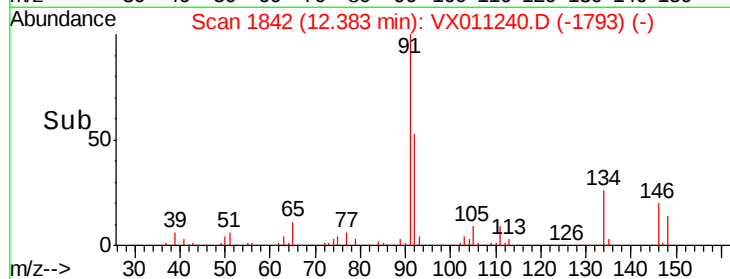
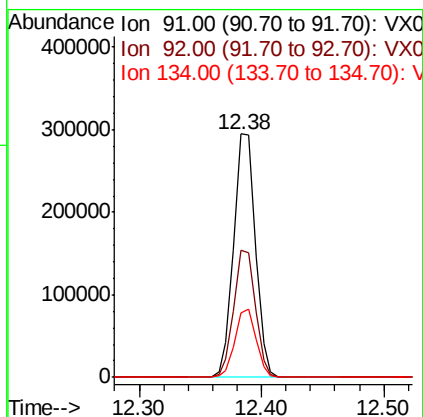
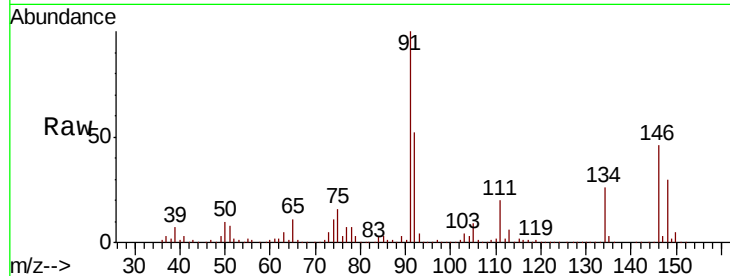




#89
n-Butylbenzene
Concen: 51.846 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

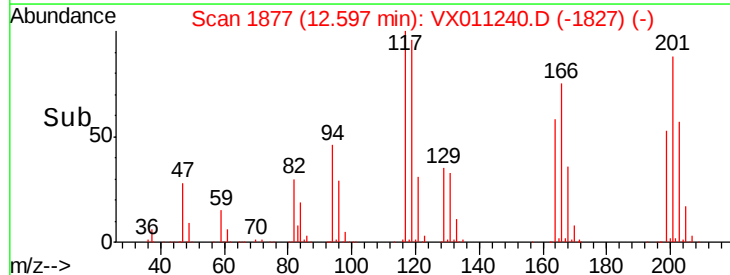
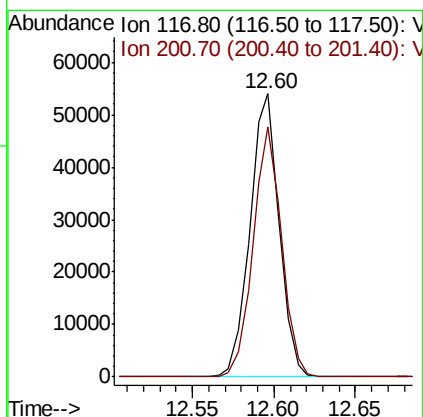
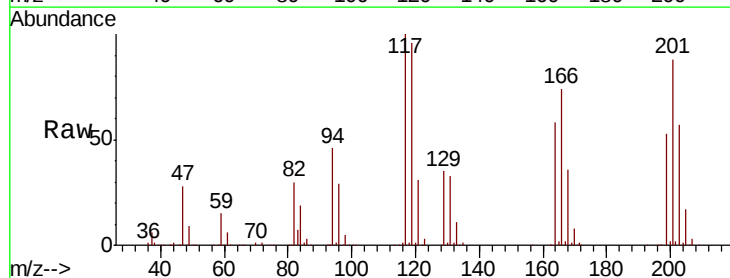
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

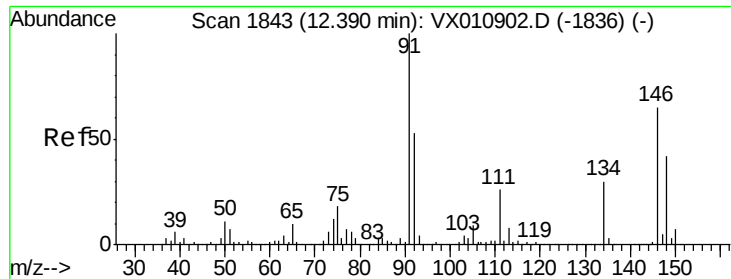
Tgt Ion: 91 Resp: 360708
Ion Ratio Lower Upper
91 100
92 52.3 26.2 78.5
134 27.5 13.8 41.3



#90
Hexachloroethane
Concen: 52.385 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Tgt Ion: 117 Resp: 67192
Ion Ratio Lower Upper
117 100
201 86.0 43.3 129.8





#91

1,2-Dichlorobenzene

Concen: 50.469 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

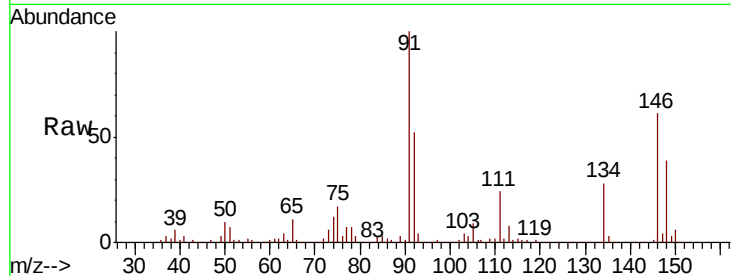
Tgt Ion:146 Resp: 218996

Ion Ratio Lower Upper

146 100

111 39.7 19.9 59.7

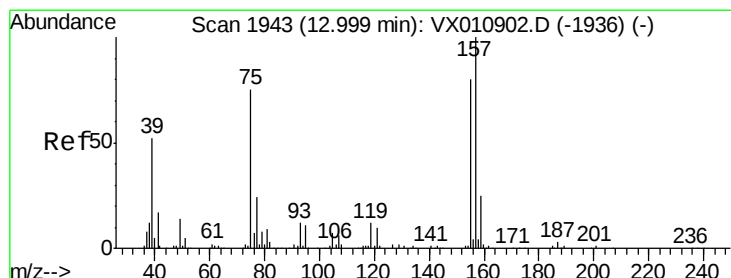
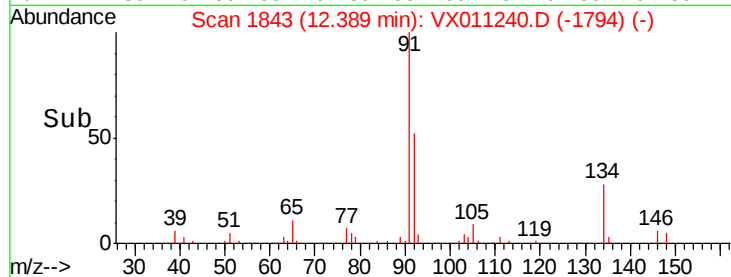
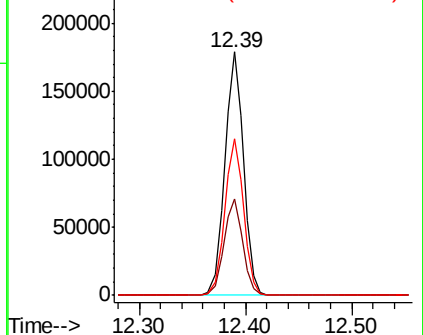
148 64.7 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.011 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX011240.D

Acq: 31 Jul 2019 09:38

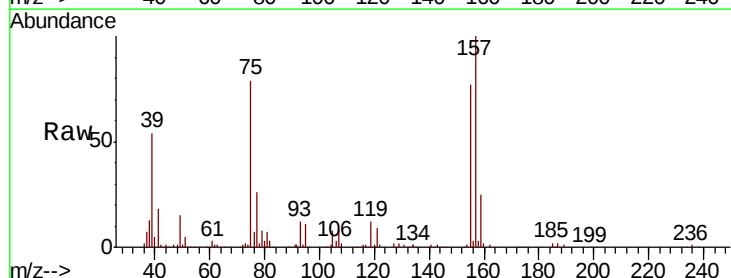
Tgt Ion: 75 Resp: 34419

Ion Ratio Lower Upper

75 100

155 94.2 48.7 146.1

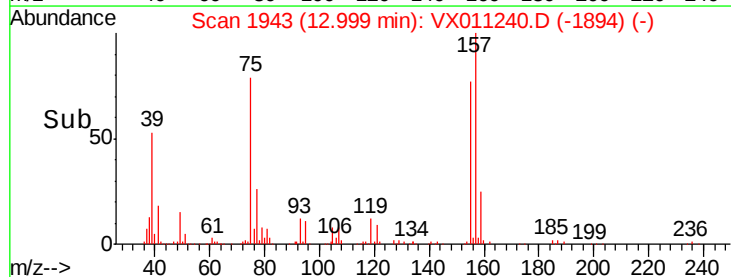
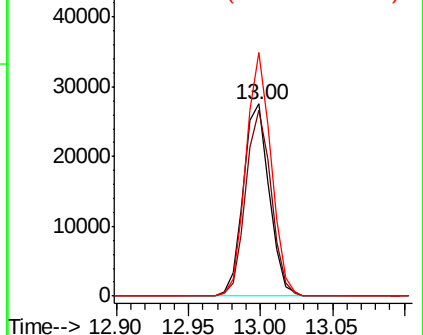
157 121.6 62.5 187.6

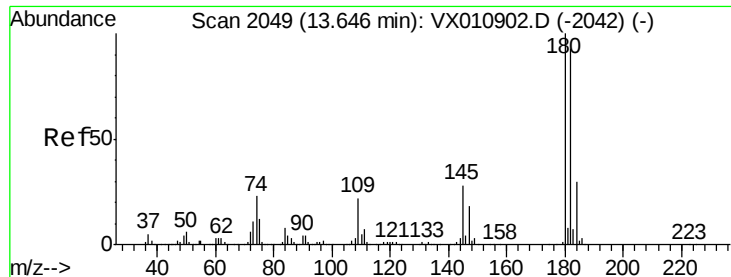


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

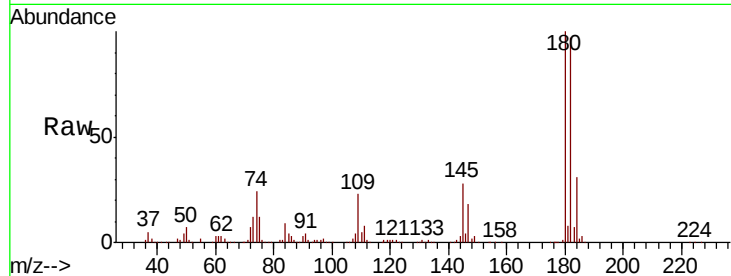




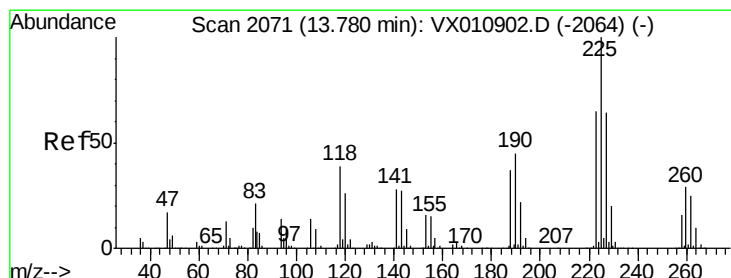
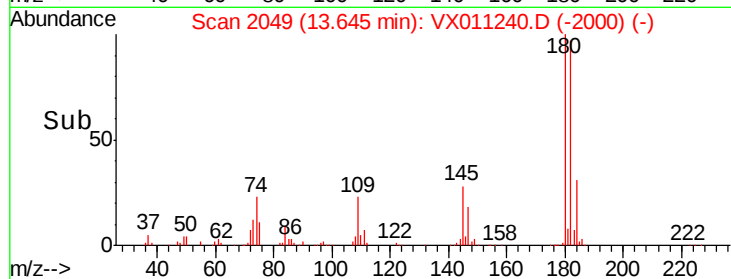
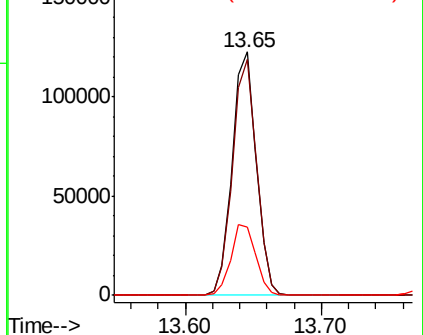
#93
 1,2,4-Trichlorobenzene
 Concen: 51.535 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX011240.D
 Acq: 31 Jul 2019 09:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 151551
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.1 141.3
 145 30.1 14.8 44.4

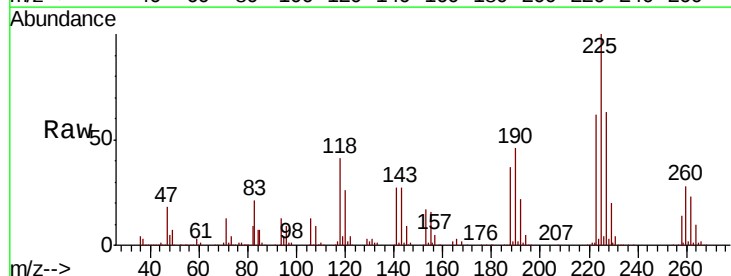


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

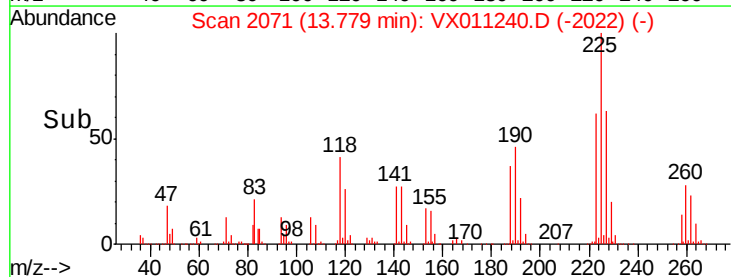
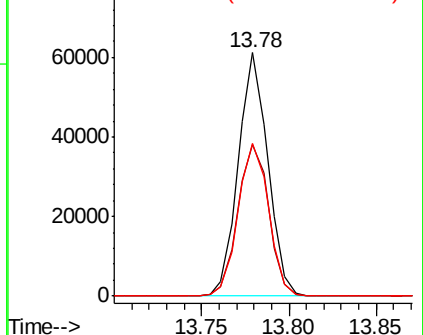


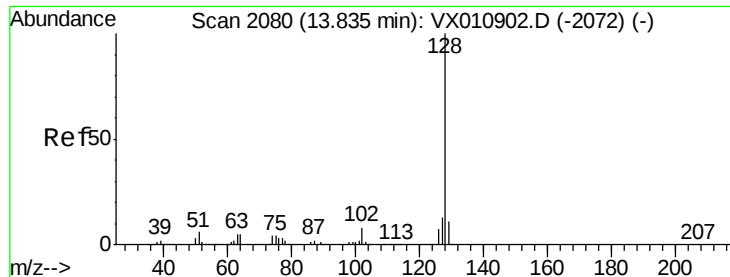
#94
 Hexachlorobutadiene
 Concen: 49.265 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011240.D
 Acq: 31 Jul 2019 09:38

Tgt Ion:225 Resp: 71793
 Ion Ratio Lower Upper
 225 100
 223 65.2 31.9 95.9
 227 65.1 32.5 97.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

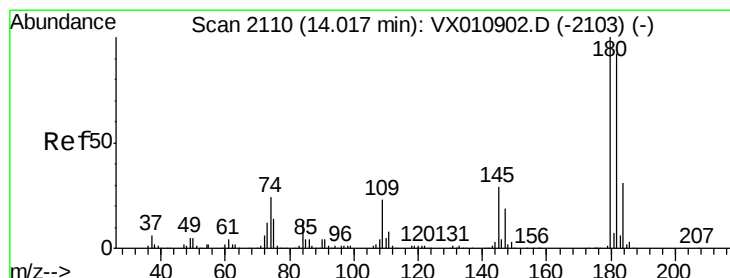
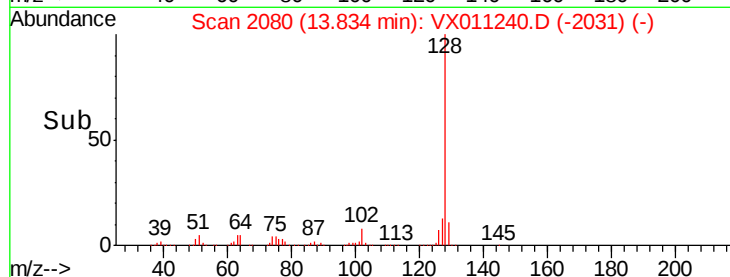
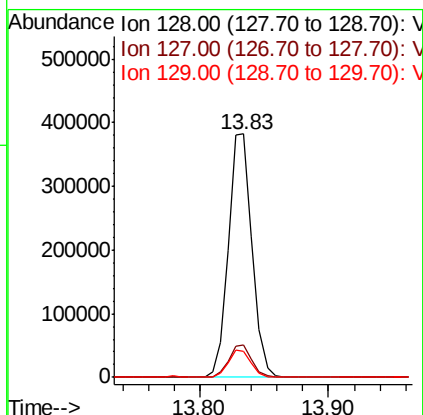
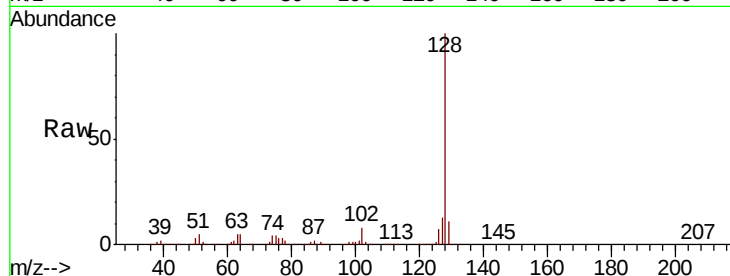




#95
Naphthalene
Concen: 56.692 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 492302
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 53.667 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011240.D
Acq: 31 Jul 2019 09:38

Tgt Ion:180 Resp: 157028
Ion Ratio Lower Upper
180 100
182 94.2 47.4 142.3
145 31.2 15.1 45.3

