

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
 Data File : VX011184.D
 Acq On : 30 Jul 2019 07:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 30 08:10:19 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	5.67	168	170550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	259207	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	240779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131262	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	99465	54.82	ug/l	0.00
Spiked Amount			Recovery	=	109.64%	
35) Dibromofluoromethane	5.49	113	88719	53.92	ug/l	0.00
Spiked Amount			Recovery	=	107.84%	
50) Toluene-d8	8.71	98	322078	52.19	ug/l	0.00
Spiked Amount			Recovery	=	104.38%	
62) 4-Bromofluorobenzene	11.13	95	123798	54.58	ug/l	0.00
Spiked Amount			Recovery	=	109.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	79130	43.582	ug/l	97
3) Chloromethane	1.32	50	75122	47.898	ug/l	100
4) Vinyl Chloride	1.41	62	80914	50.580	ug/l	98
5) Bromomethane	1.64	94	40240	44.637	ug/l	98
6) Chloroethane	1.71	64	52499	51.641	ug/l	98
7) Trichlorofluoromethane	1.92	101	139681	51.582	ug/l	98
8) Diethyl Ether	2.19	74	48970	52.486	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	75521	48.844	ug/l	98
10) Methyl Iodide	2.51	142	91933	45.309	ug/l	100
11) Tert butyl alcohol	3.06	59	105962	250.765	ug/l	99
12) 1,1-Dichloroethene	2.37	96	74731	49.193	ug/l	98
13) Acrolein	2.29	56	54475	223.132	ug/l	99
14) Allyl chloride	2.73	41	107042	48.510	ug/l	99
15) Acrylonitrile	3.14	53	232741	272.577	ug/l	100
16) Acetone	2.45	43	194599	237.470	ug/l	99
17) Carbon Disulfide	2.57	76	157660	40.459	ug/l	100
18) Methyl Acetate	2.78	43	113475	60.814	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	263241	53.828	ug/l	98
20) Methylene Chloride	2.85	84	88297	50.844	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	79079	49.060	ug/l	95
22) Diisopropyl ether	3.85	45	251886	54.124	ug/l	96
23) Vinyl Acetate	3.81	43	1033645	262.135	ug/l	100
24) 1,1-Dichloroethane	3.70	63	140903	52.133	ug/l	99
25) 2-Butanone	4.67	43	314776	267.590	ug/l	99
26) 2,2-Dichloropropane	4.58	77	67260	30.308	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	94606	50.714	ug/l	96
28) Bromochloromethane	5.01	49	65904	51.745	ug/l	99
29) Tetrahydrofuran	5.13	42	202149	271.291	ug/l	99
30) Chloroform	5.21	83	153465	52.532	ug/l	99
31) Cyclohexane	5.57	56	112393	45.623	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	132123	52.275	ug/l	99
36) 1,1-Dichloropropene	5.80	75	103721	48.715	ug/l	99
37) Ethyl Acetate	4.84	43	116712	53.533	ug/l	100
38) Carbon Tetrachloride	5.79	117	113732	51.262	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	121062	43.846	ug/l	99
40) Benzene	6.14	78	328672	50.394	ug/l	98
41) Methacrylonitrile	5.04	41	65014	52.530	ug/l	97
42) 1,2-Dichloroethane	6.19	62	118630	52.313	ug/l	100
43) Isopropyl Acetate	6.44	43	191331	53.372	ug/l	99
44) Trichloroethene	7.21	130	92939	48.141	ug/l	96
45) 1,2-Dichloropropane	7.51	63	84879	51.132	ug/l	100
46) Dibromomethane	7.66	93	63047	53.152	ug/l	97
47) Bromodichloromethane	7.90	83	114842	54.389	ug/l	96
48) Methyl methacrylate	7.77	41	93848	53.739	ug/l	98
49) 1,4-Dioxane	7.74	88	51336	1050.884	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	657677	283.011	ug/l	99
52) Toluene	8.78	92	217265	50.709	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	113368	49.934	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	123918	49.051	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	95326	54.036	ug/l	99
56) Ethyl methacrylate	9.18	69	142951	55.397	ug/l	98
57) 1,3-Dichloropropane	9.37	76	147261	52.620	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	333623	270.835	ug/l	99
59) 2-Hexanone	9.49	43	508359	282.042	ug/l	99
60) Dibromochloromethane	9.58	129	101296	49.898	ug/l	100
61) 1,2-Dibromoethane	9.67	107	99788	53.300	ug/l	99
64) Tetrachloroethene	9.34	164	87753	46.328	ug/l	97
65) Chlorobenzene	10.13	112	246797	49.904	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	92080	52.978	ug/l	96
67) Ethyl Benzene	10.25	91	425104	50.501	ug/l	99
68) m/p-Xylenes	10.36	106	327353	101.381	ug/l	99
69) o-Xylene	10.69	106	163504	51.885	ug/l	99
70) Styrene	10.71	104	279838	53.270	ug/l	99
71) Bromoform	10.85	173	77663	49.122	ug/l	98
73) Isopropylbenzene	11.02	105	435689	49.123	ug/l	100
74) N-amyl acetate	10.90	43	179442	52.950	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	153038	52.725	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	157441	66.467	ug/l	84
77) Bromobenzene	11.26	156	120521	49.263	ug/l	99
78) n-propylbenzene	11.36	91	485598	49.551	ug/l	99
79) 2-Chlorotoluene	11.42	91	292775	49.732	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	369280	49.827	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	35897	39.319	ug/l	94
82) 4-Chlorotoluene	11.51	91	341827	49.888	ug/l	99
83) tert-Butylbenzene	11.77	119	373511	51.309	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	375943	50.328	ug/l	100
85) sec-Butylbenzene	11.94	105	432257	50.676	ug/l	100
86) p-Isopropyltoluene	12.06	119	403704	51.193	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	213078	50.187	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	211904	48.665	ug/l	99
89) n-Butylbenzene	12.38	91	335574	49.740	ug/l	100
90) Hexachloroethane	12.59	117	65187	52.409	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	211117	50.173	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	32691	53.881	ug/l	99

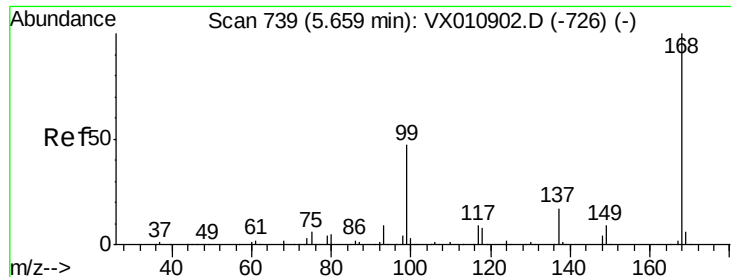
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
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Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	146050	51.216	ug/l	99
94) Hexachlorobutadiene	13.78	225	69456	49.150	ug/l	98
95) Naphthalene	13.83	128	465772	55.313	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	148083	52.190	ug/l	99

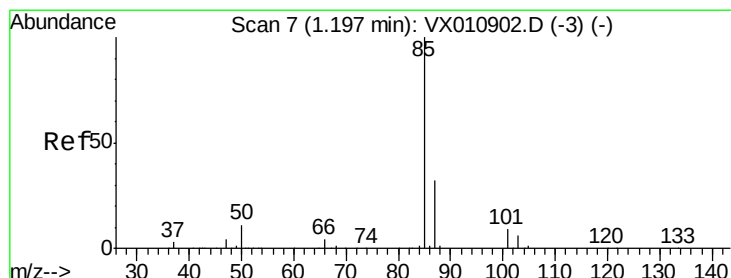
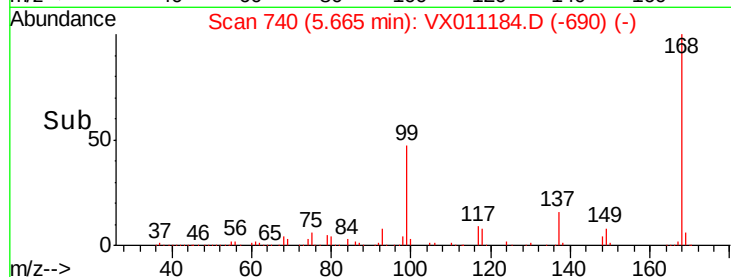
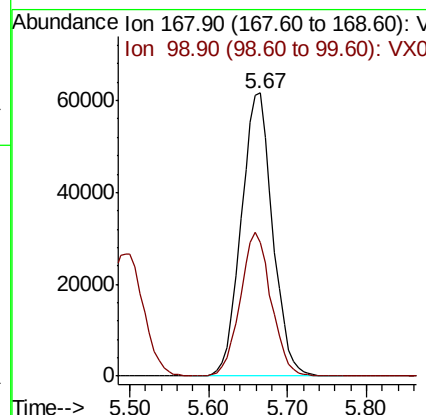
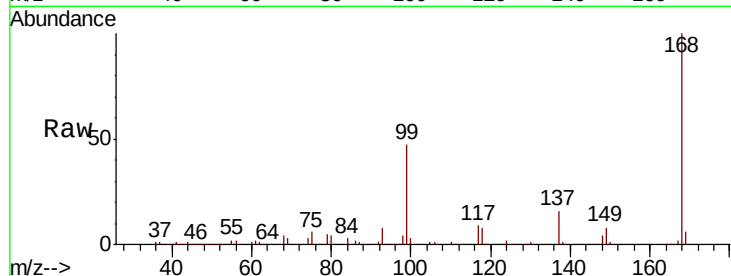
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

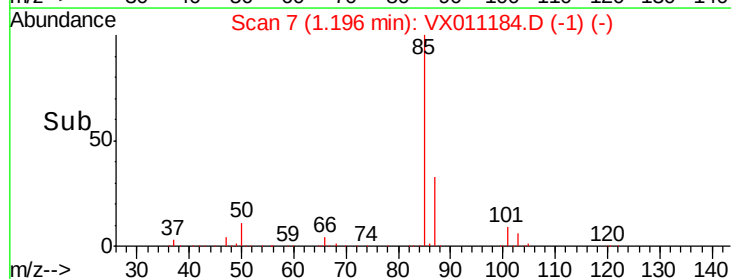
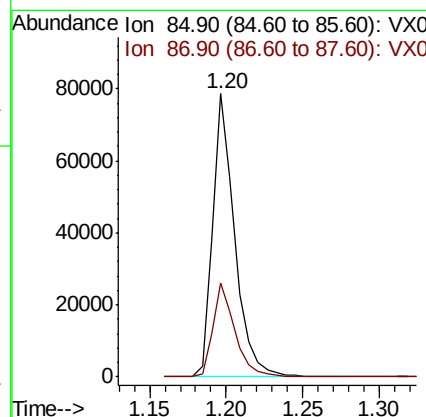
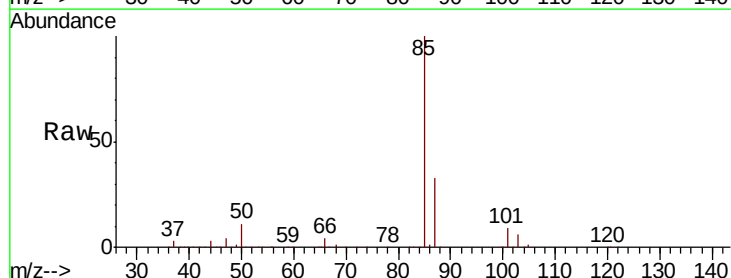
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

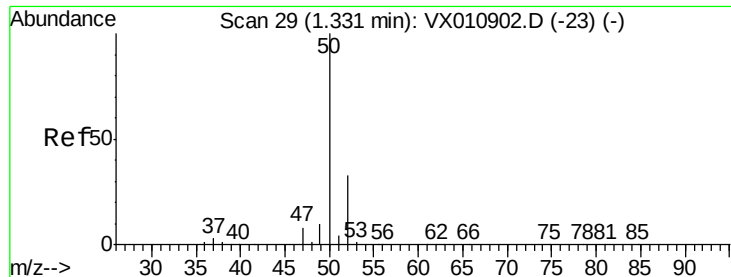
Tot Ion:168 Resp: 170550
Ion Ratio Lower Upper
168 100
99 47.1 37.6 56.4



#2
Dichlorodifluoromethane
Concen: 43.582 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Tgt Ion: 85 Resp: 79130
Ion Ratio Lower Upper
85 100
87 33.3 15.9 47.7





#3

Chloromethane

Concen: 47.898 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

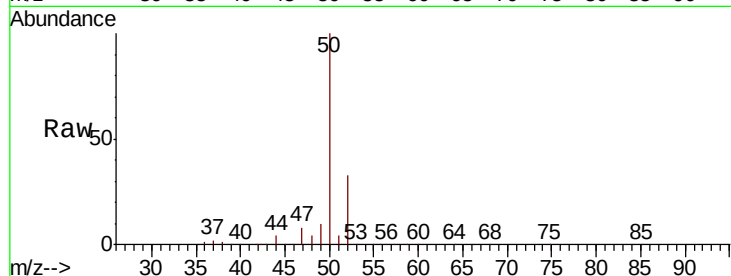
VSTDCCC050EC

Tot Ion: 50 Resp: 75122

Ion Ratio Lower Upper

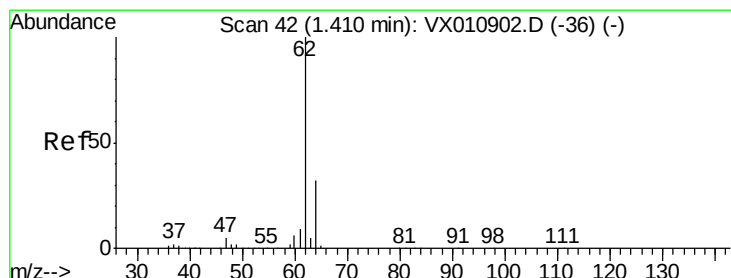
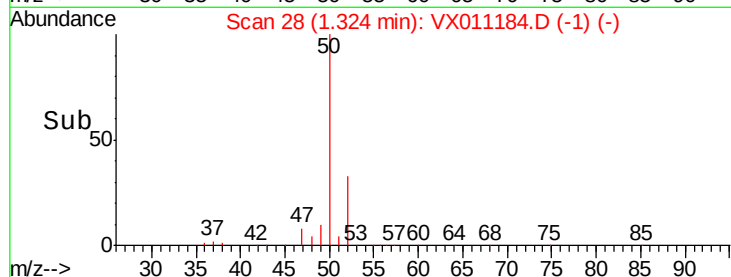
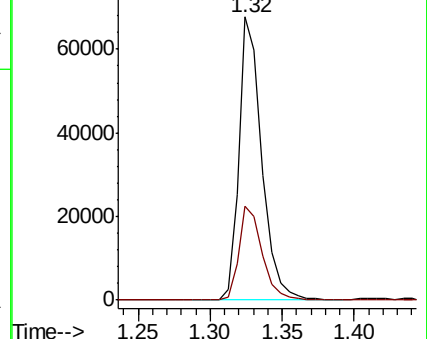
50 100

52 33.0 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.580 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011184.D

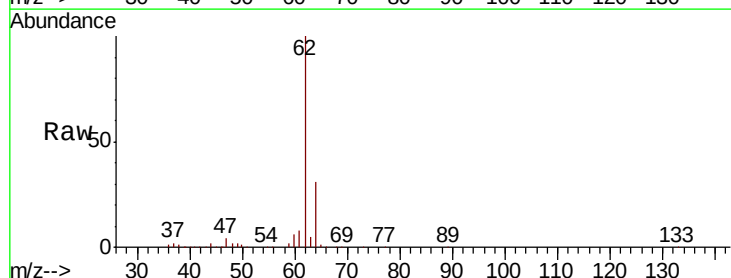
Acq: 30 Jul 2019 07:24

Tgt Ion: 62 Resp: 80914

Ion Ratio Lower Upper

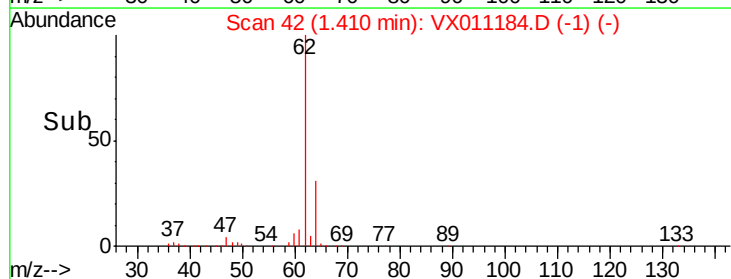
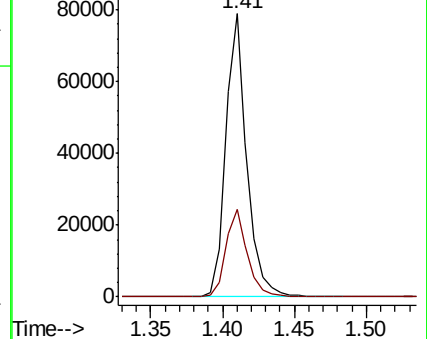
62 100

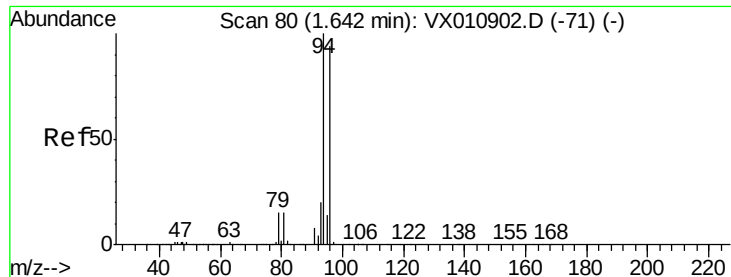
64 30.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 44.637 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

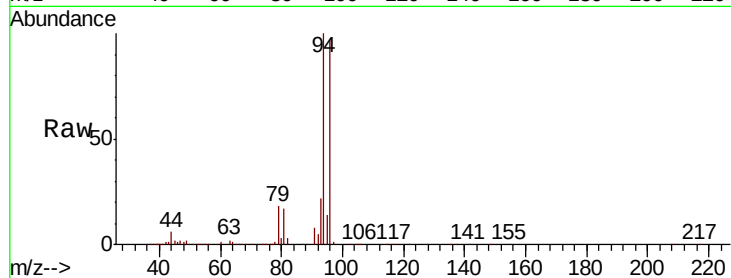
VSTDCCC050EC

Tot Ion: 94 Resp: 40240

Ion Ratio Lower Upper

94 100

96 96.7 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

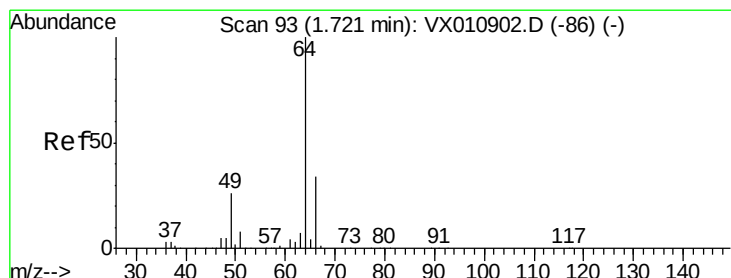
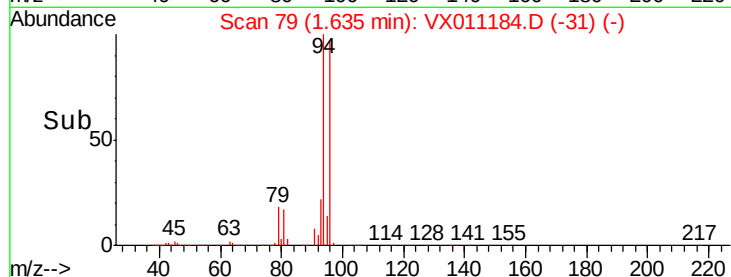
20000

10000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 51.641 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX011184.D

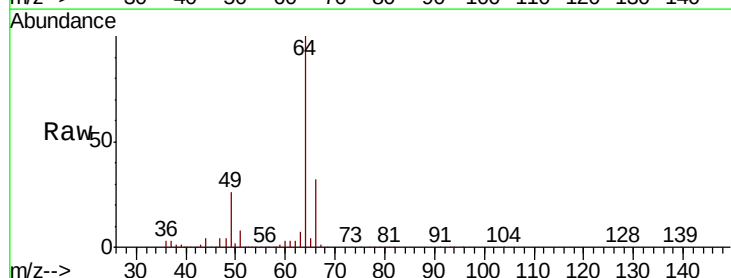
Acq: 30 Jul 2019 07:24

Tgt Ion: 64 Resp: 52499

Ion Ratio Lower Upper

64 100

66 32.5 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

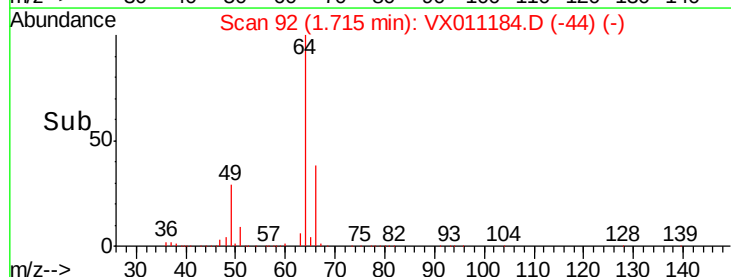
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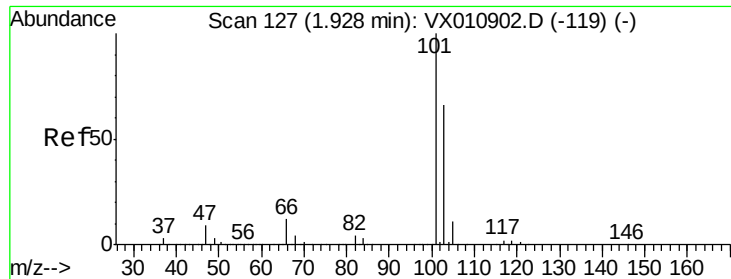
10000

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Time-->

1.65 1.70 1.75 1.80



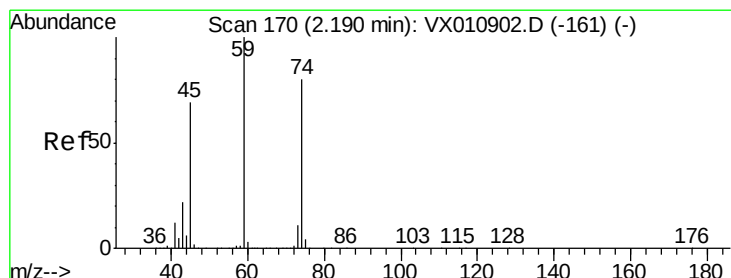
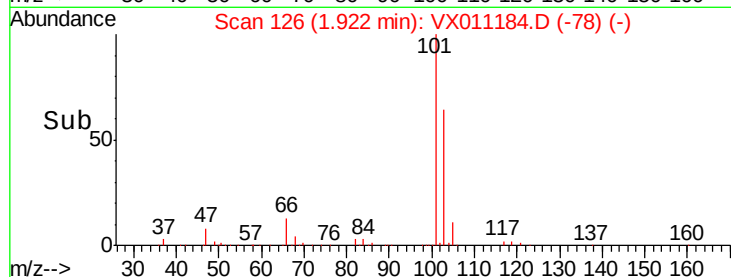
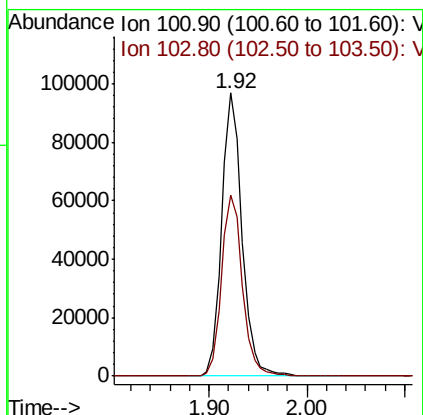
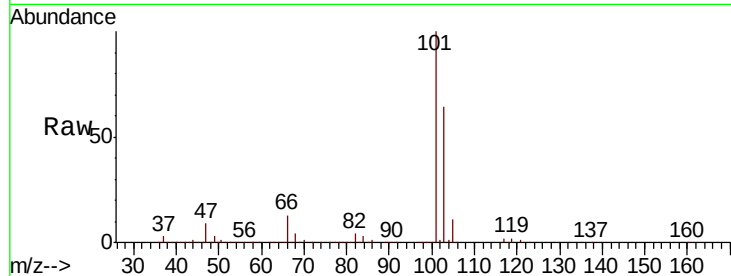


#7

Trichlorofluoromethane
 Concen: 51.582 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX011184.D
 Acq: 30 Jul 2019 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

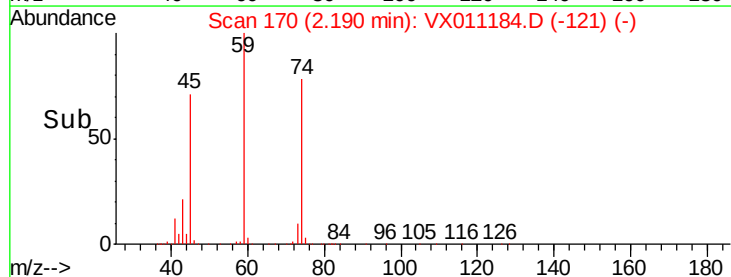
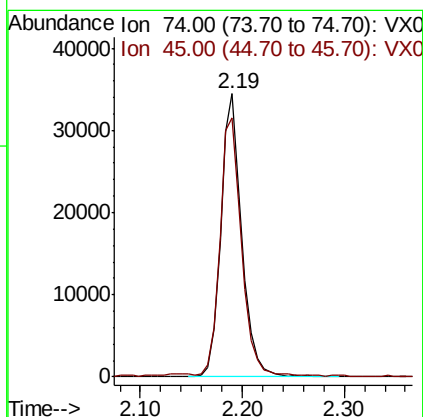
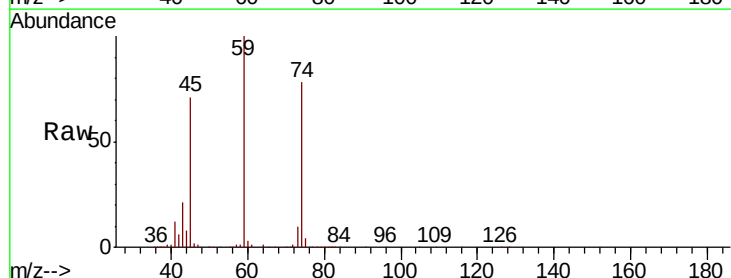
Tot Ion:101 Resp: 139681
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.6 78.8

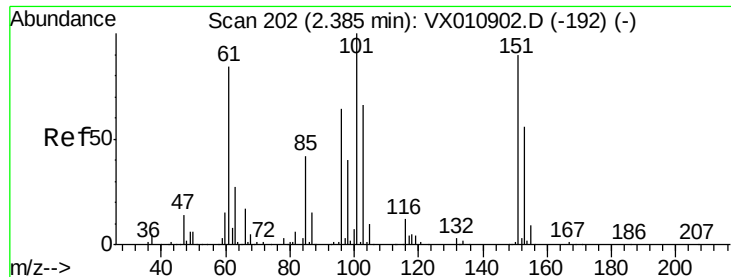


#8

Diethyl Ether
 Concen: 52.486 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX011184.D
 Acq: 30 Jul 2019 07:24

Tgt Ion: 74 Resp: 48970
 Ion Ratio Lower Upper
 74 100
 45 94.6 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.844 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

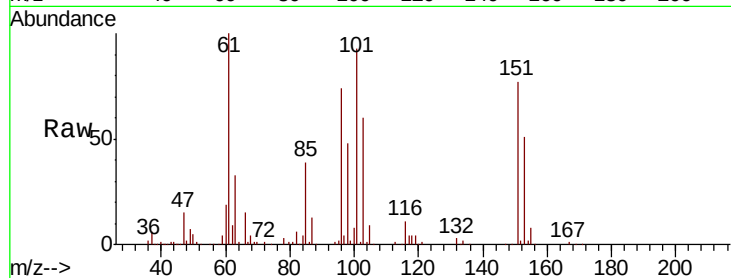
Tot Ion:101 Resp: 75521

Ion Ratio Lower Upper

101 100

85 43.0 34.6 52.0

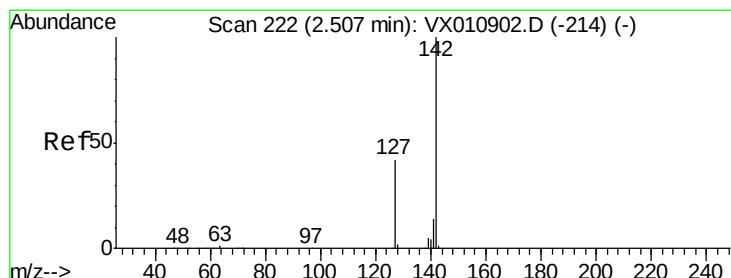
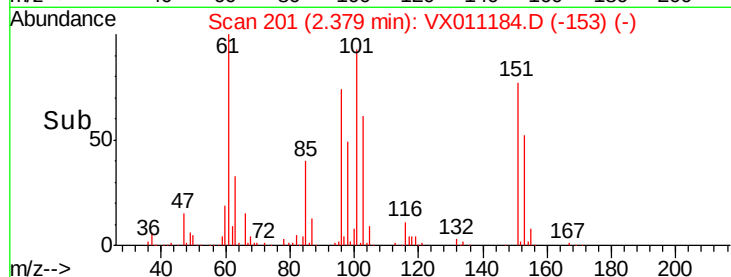
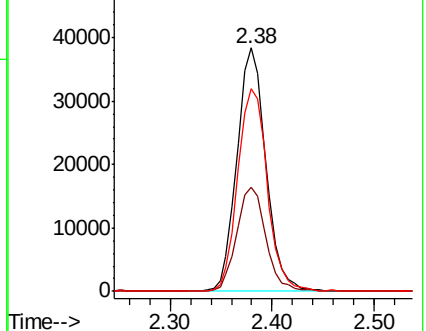
151 84.9 69.6 104.4



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: 45.309 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

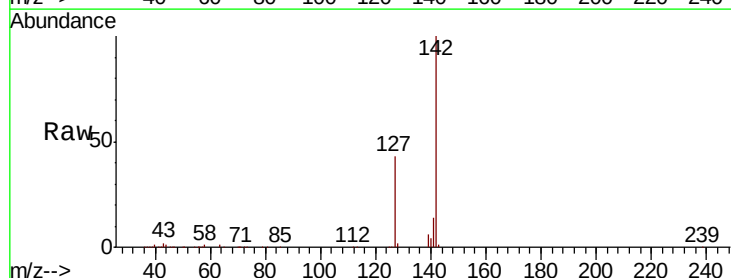
Tgt Ion:142 Resp: 91933

Ion Ratio Lower Upper

142 100

127 42.8 34.2 51.4

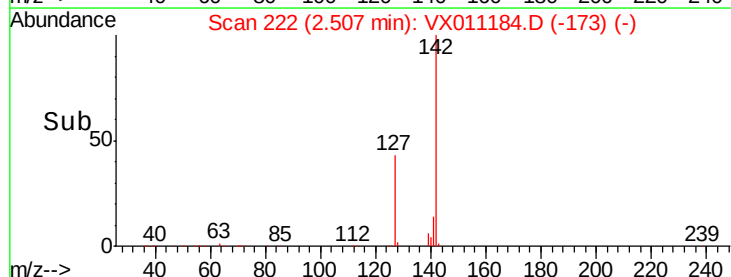
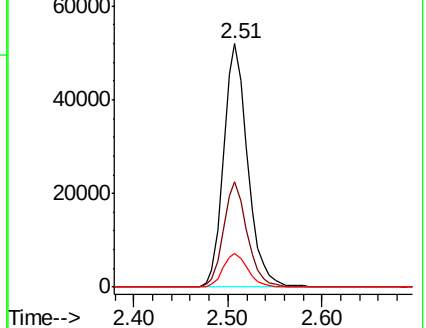
141 14.1 11.7 17.5

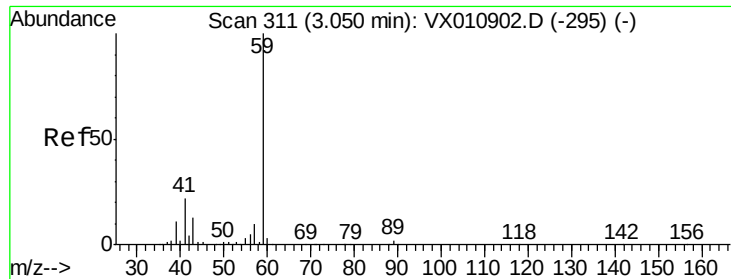


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



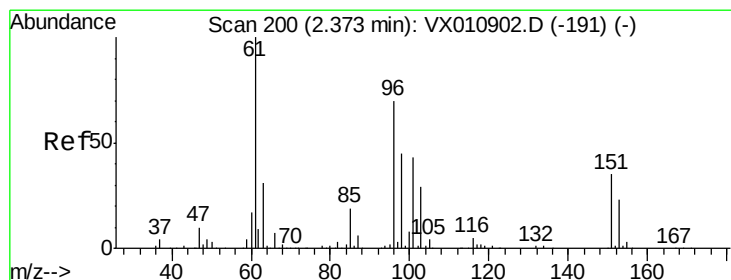
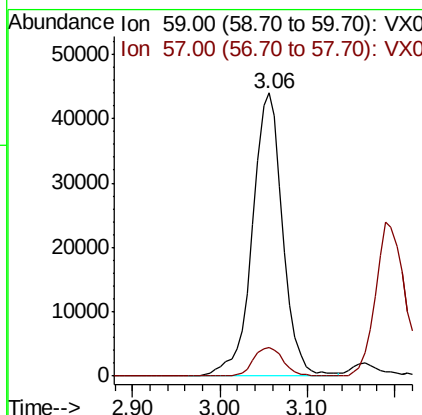
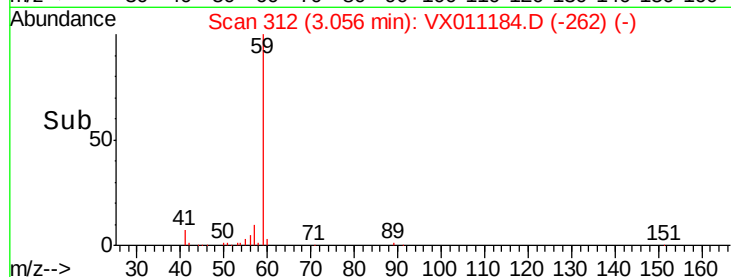
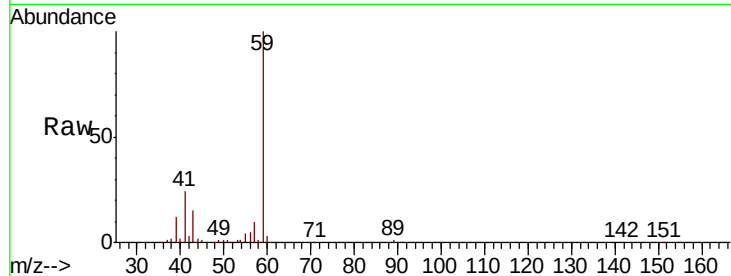


#11

Tert butyl alcohol
Concen: 250.765 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

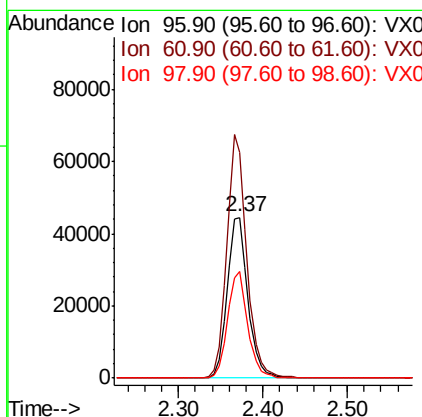
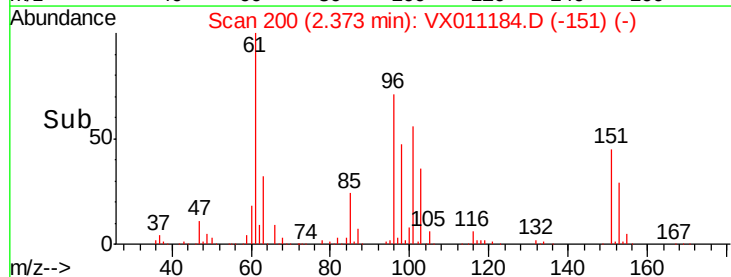
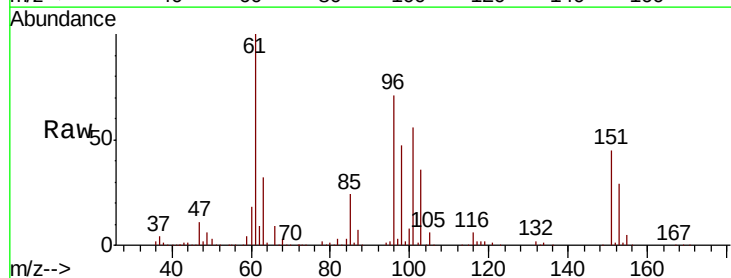
Tot Ion: 59 Resp: 105962
Ion Ratio Lower Upper
59 100
57 10.2 7.9 11.9

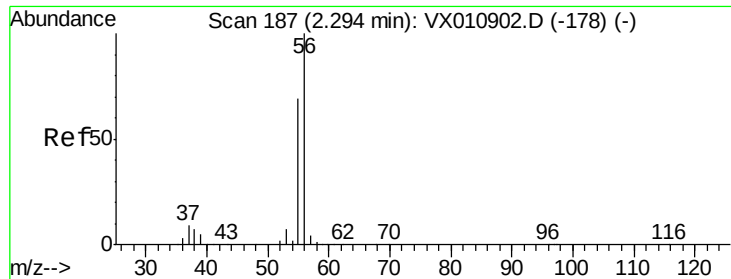


#12

1,1-Dichloroethene
Concen: 49.193 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Tgt Ion: 96 Resp: 74731
Ion Ratio Lower Upper
96 100
61 140.6 115.0 172.4
98 66.2 52.2 78.2





#13

Acrolein

Concen: 223.132 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

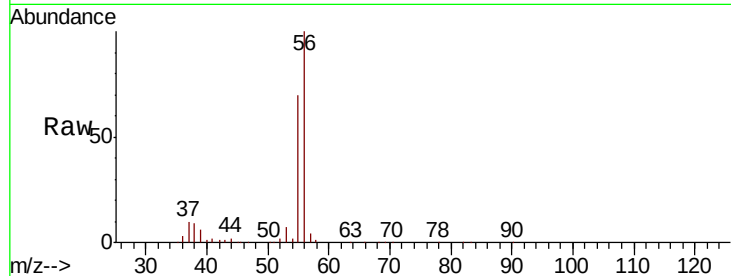
VSTDCCC050EC

Tot Ion: 56 Resp: 54475

Ion Ratio Lower Upper

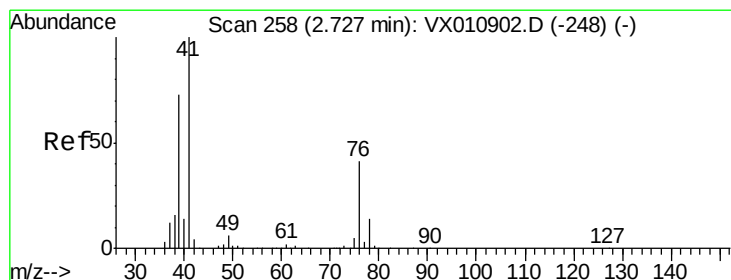
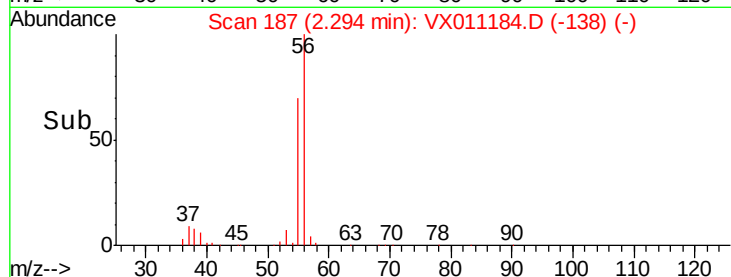
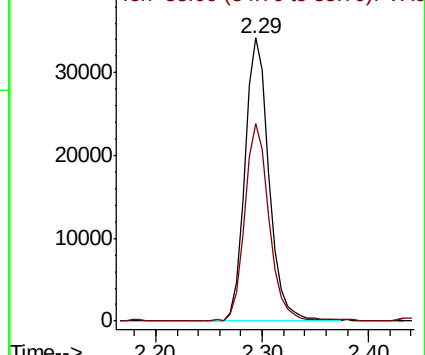
56 100

55 70.3 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: 48.510 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

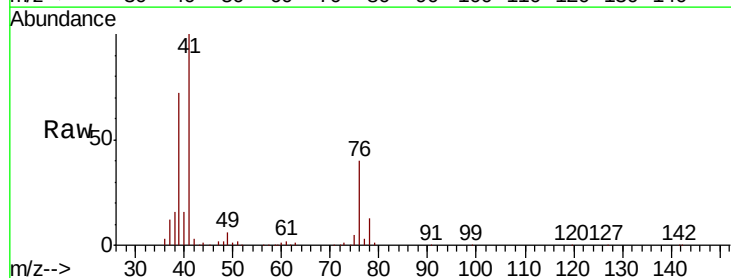
Tgt Ion: 41 Resp: 107042

Ion Ratio Lower Upper

41 100

39 66.8 53.6 80.4

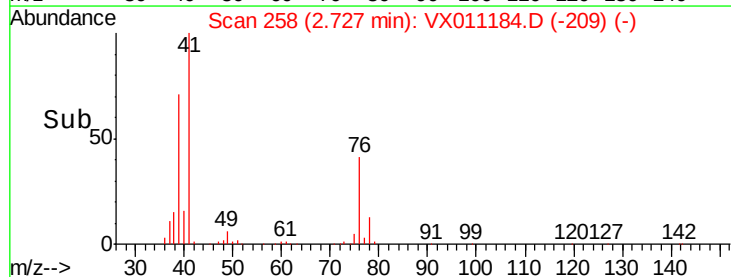
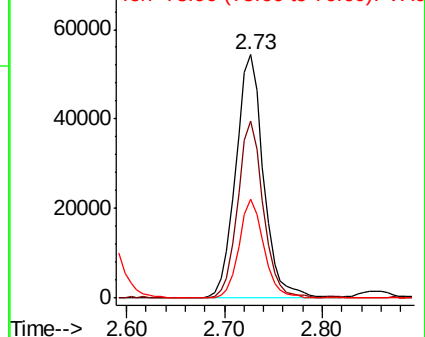
76 36.3 29.7 44.5

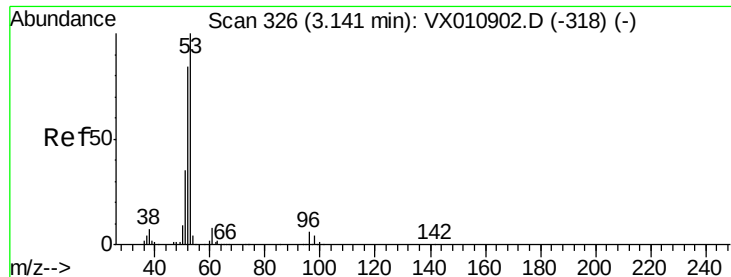


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 272.577 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

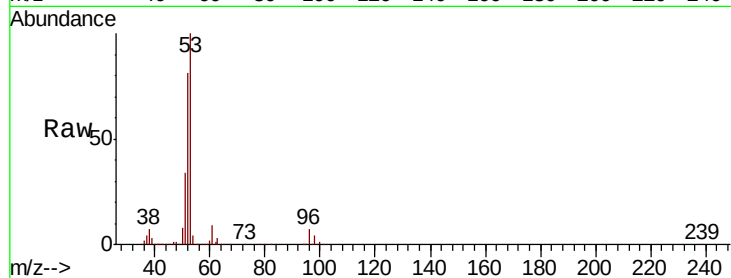
Tot Ion: 53 Resp: 232741

Ion Ratio Lower Upper

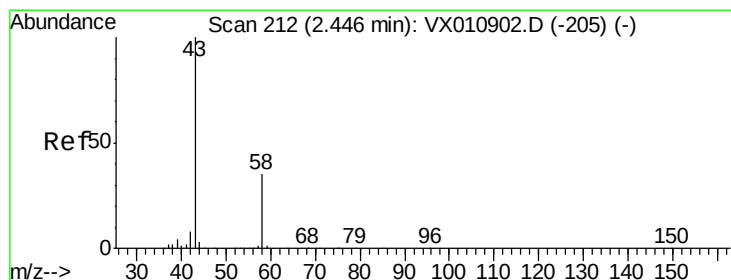
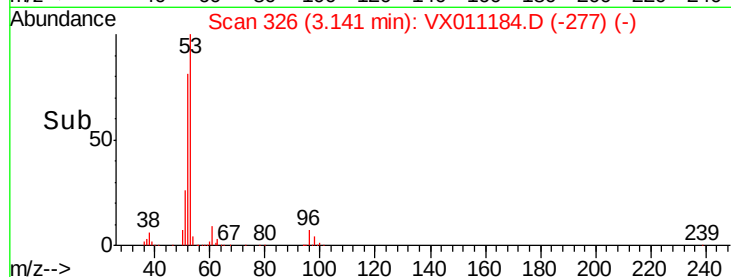
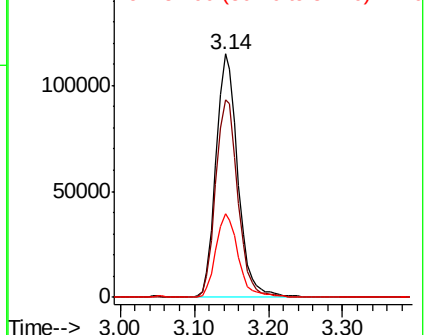
53 100

52 82.6 66.5 99.7

51 35.3 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: 237.470 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX011184.D

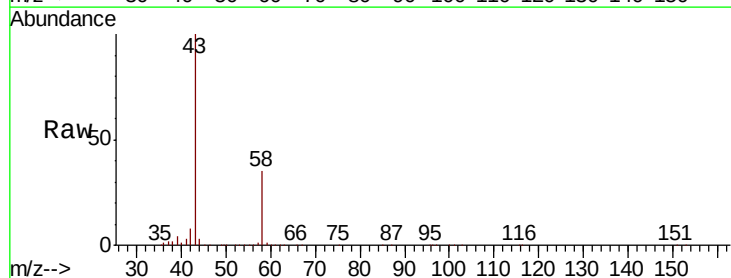
Acq: 30 Jul 2019 07:24

Tgt Ion: 43 Resp: 194599

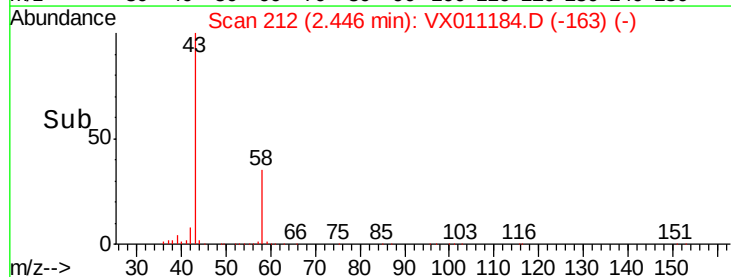
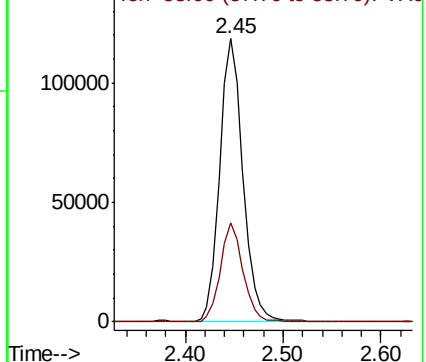
Ion Ratio Lower Upper

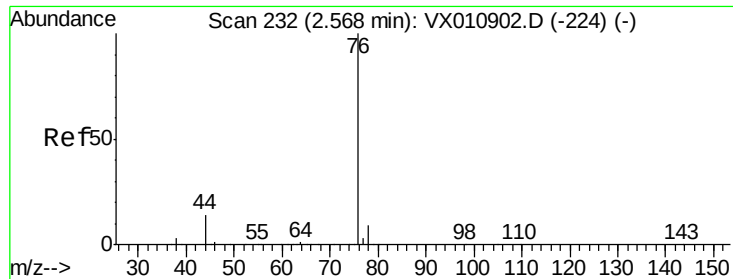
43 100

58 35.1 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: 40.459 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

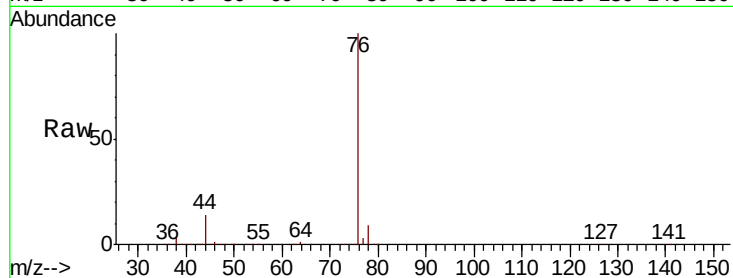
VSTDCCC050EC

Tot Ion: 76 Resp: 157660

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

100000

80000

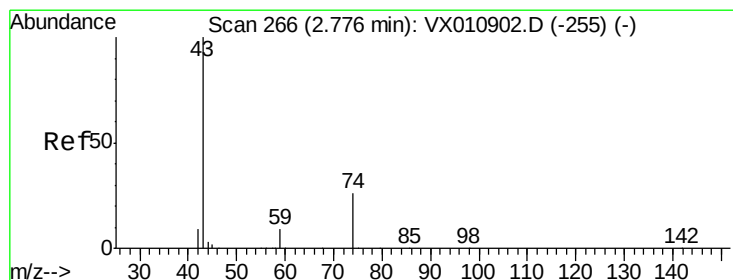
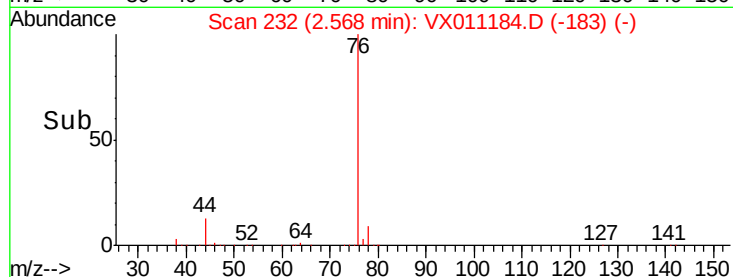
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 60.814 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX011184.D

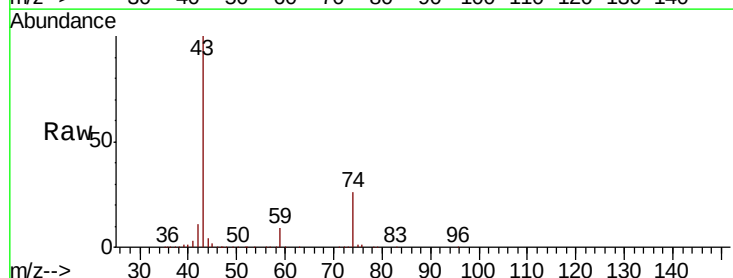
Acq: 30 Jul 2019 07:24

Tgt Ion: 43 Resp: 113475

Ion Ratio Lower Upper

43 100

74 26.1 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

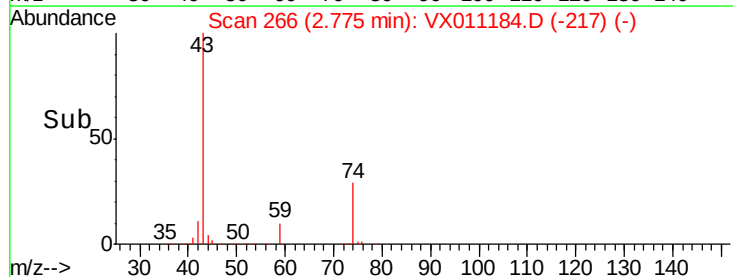
60000

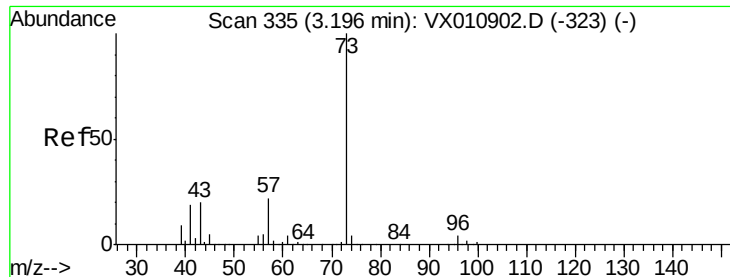
40000

20000

0

Time-->

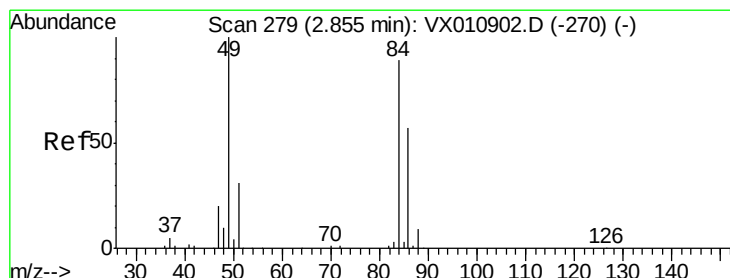
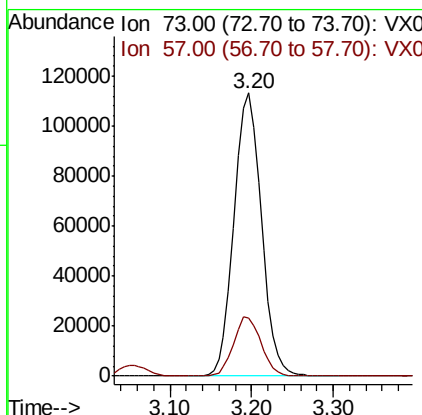
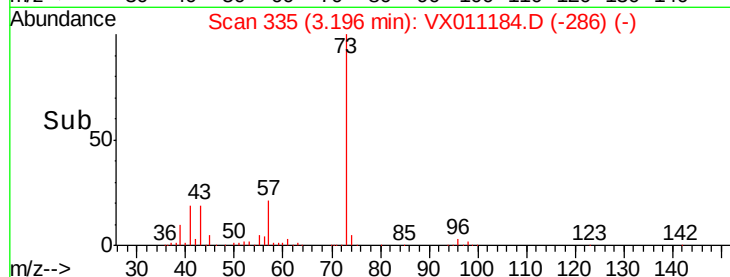
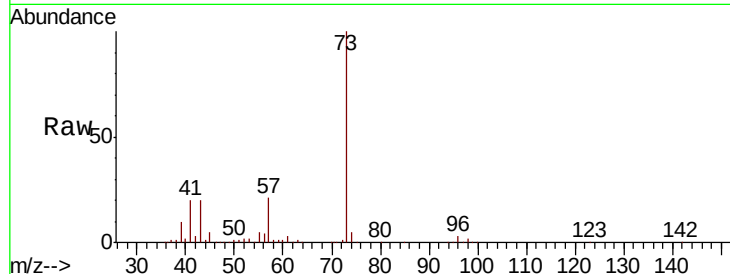




#19
Methyl tert-butyl Ether
Concen: 53.828 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

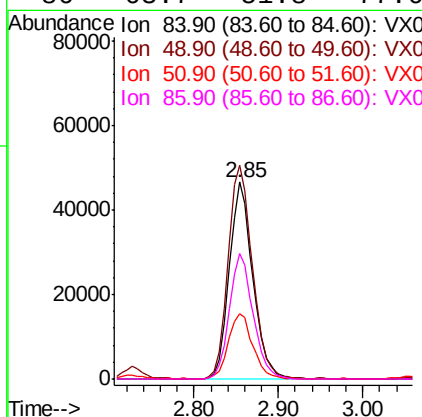
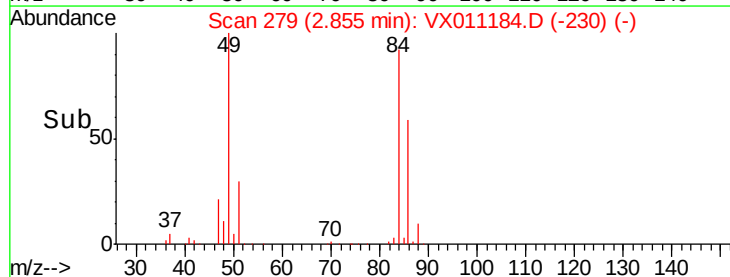
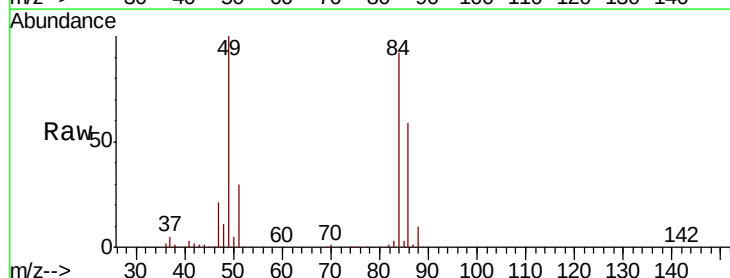
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

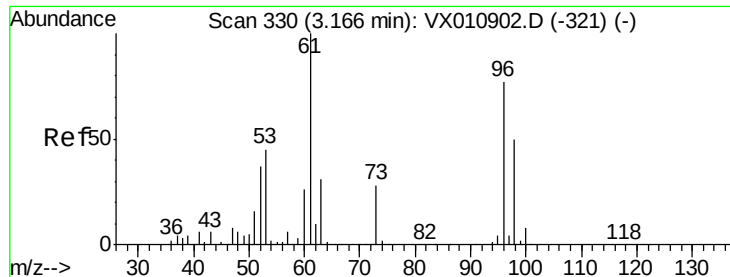
Tot Ion: 73 Resp: 263241
Ion Ratio Lower Upper
73 100
57 20.5 17.3 25.9



#20
Methylene Chloride
Concen: 50.844 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Tgt Ion: 84 Resp: 88297
Ion Ratio Lower Upper
84 100
49 108.3 89.9 134.9
51 32.9 27.8 41.6
86 63.7 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 49.060 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

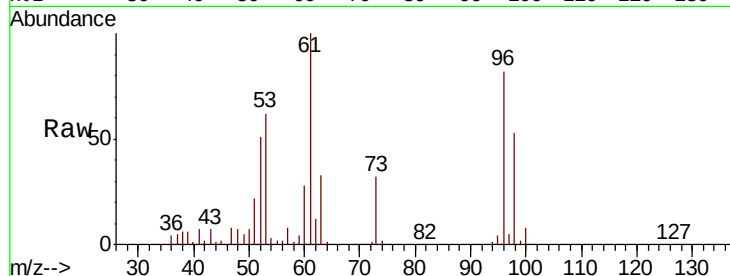
Tot Ion: 96 Resp: 79079

Ion Ratio Lower Upper

96 100

61 122.2 104.2 156.2

98 64.6 52.2 78.4

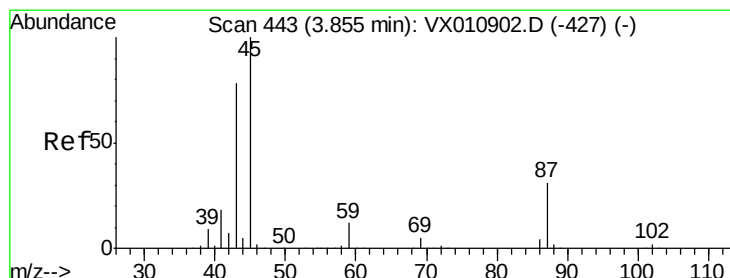
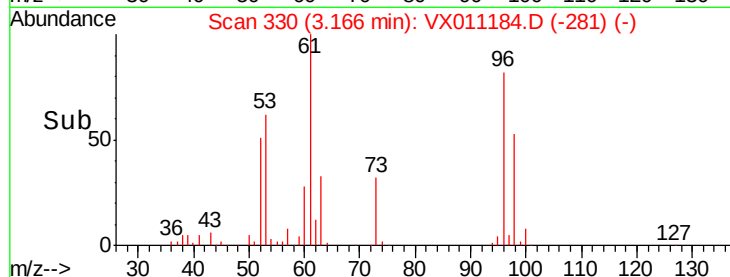
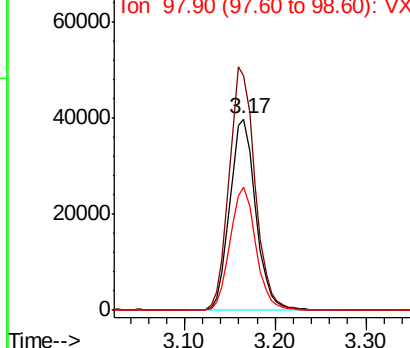


Abundance

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: 54.124 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Tgt Ion: 45 Resp: 251886

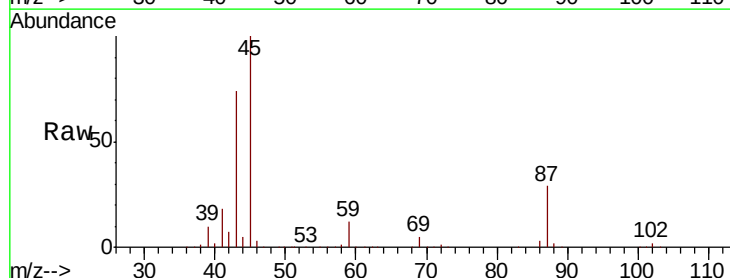
Ion Ratio Lower Upper

45 100

43 73.7 62.3 93.5

87 28.7 25.0 37.4

59 11.6 9.9 14.9



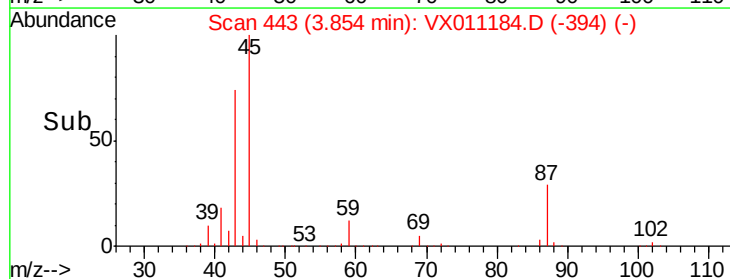
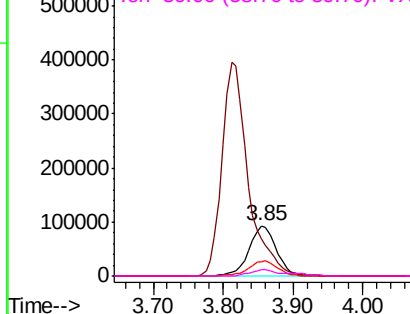
Abundance

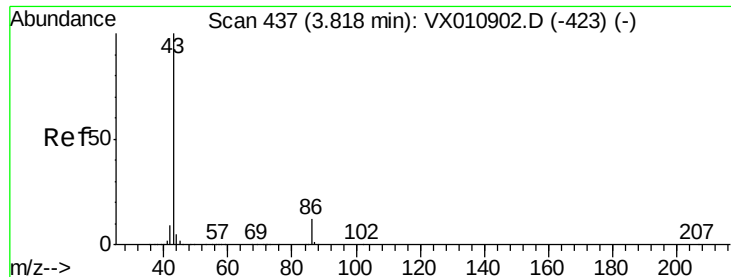
Ion 45.00 (44.70 to 45.70): VX0

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: 262.135 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

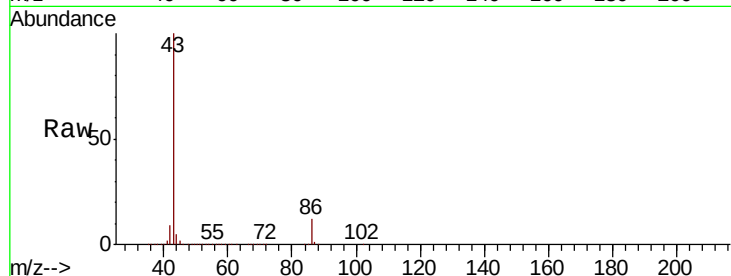
VSTDCCC050EC

Tot Ion: 43 Resp: 1033645

Ion Ratio Lower Upper

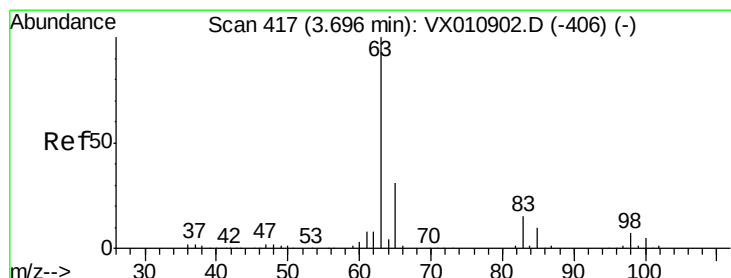
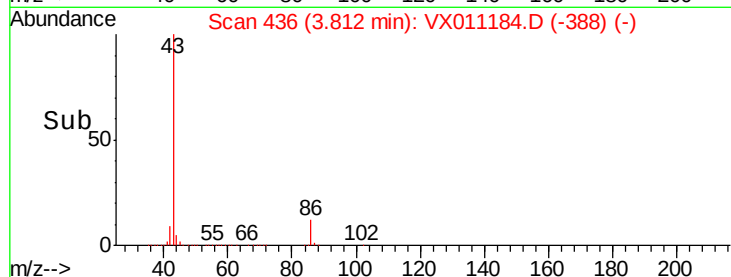
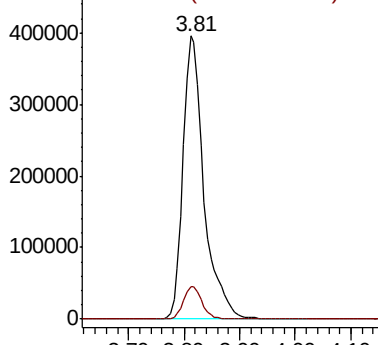
43 100

86 11.6 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 52.133 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

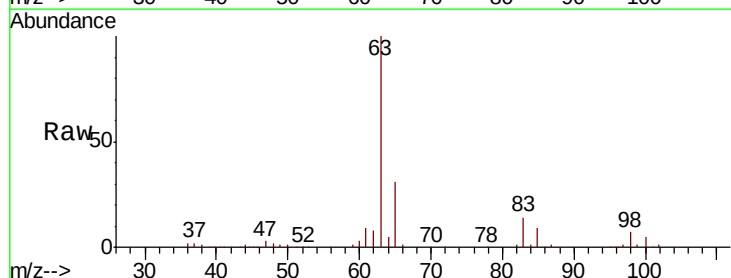
Tgt Ion: 63 Resp: 140903

Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.9

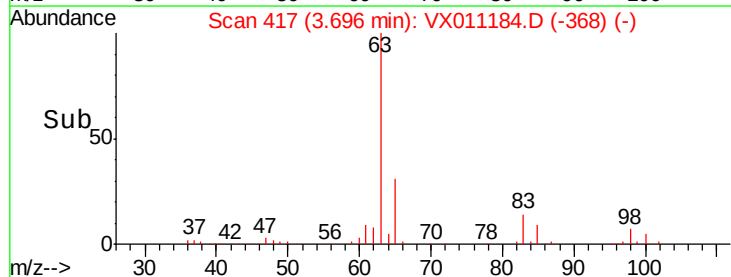
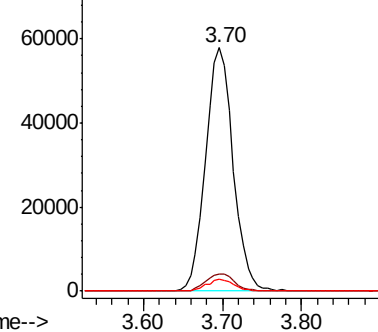
100 5.0 2.4 7.2

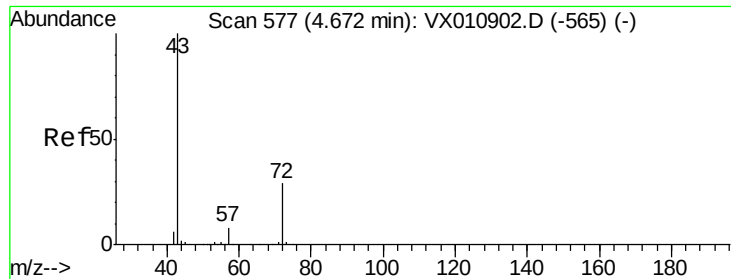


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 267.590 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

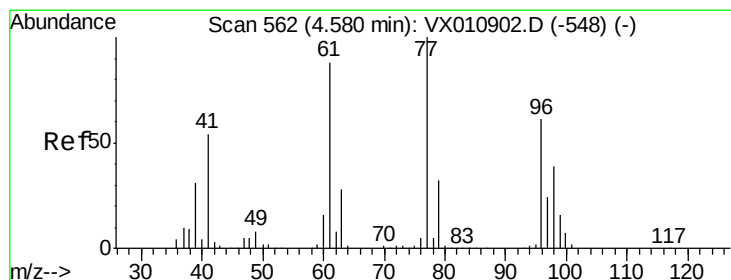
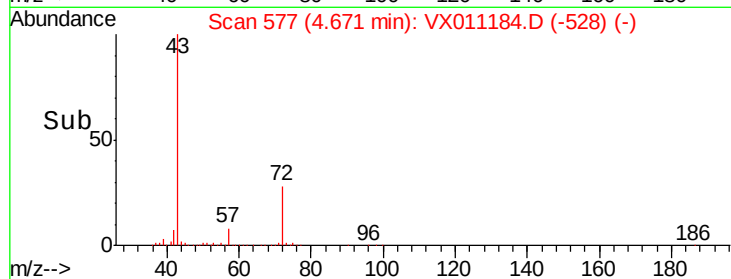
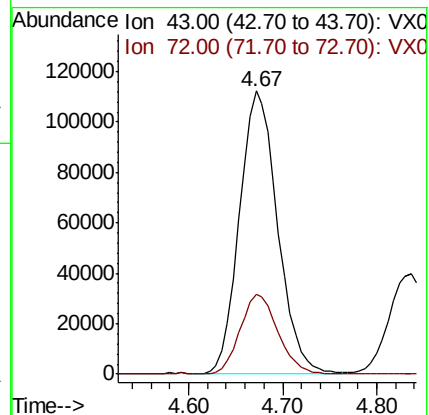
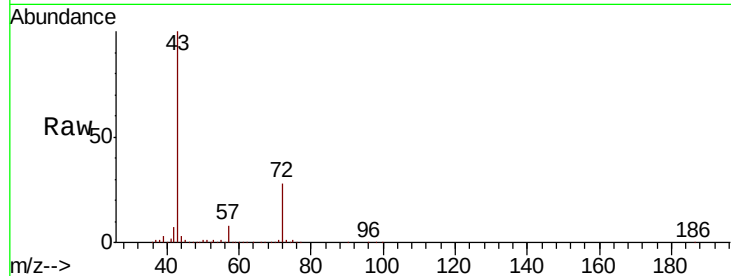
VSTDCCC050EC

Tot Ion: 43 Resp: 314776

Ion Ratio Lower Upper

43 100

72 28.1 23.0 34.6



#26

2,2-Dichloropropane

Concen: 30.308 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX011184.D

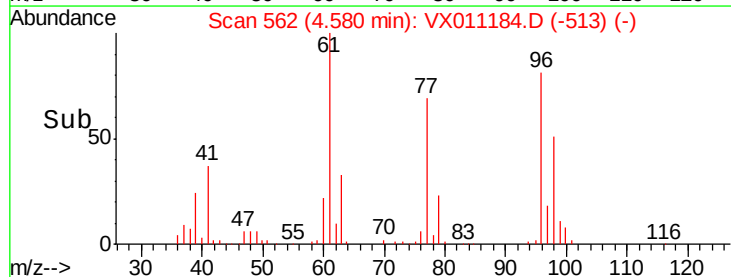
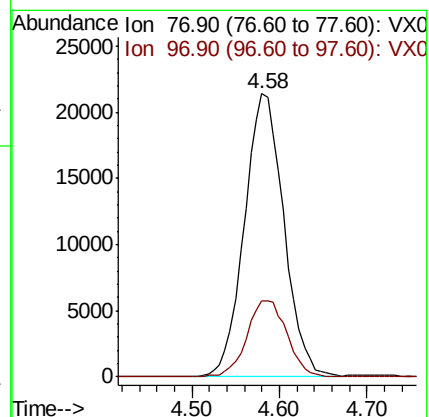
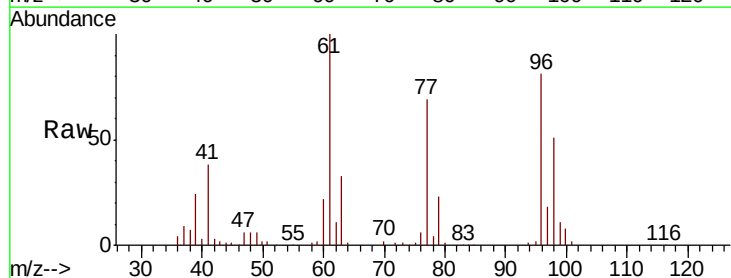
Acq: 30 Jul 2019 07:24

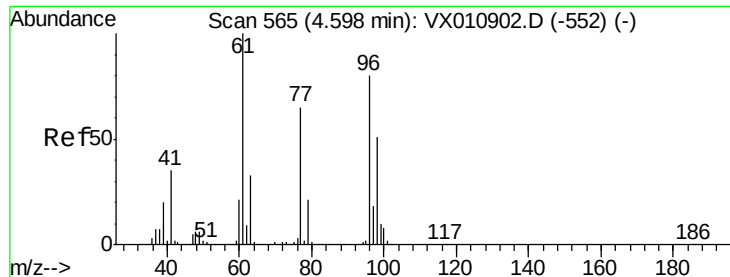
Tgt Ion: 77 Resp: 67260

Ion Ratio Lower Upper

77 100

97 27.5 12.6 37.6



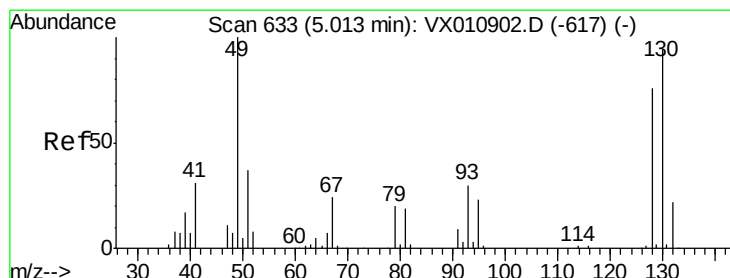
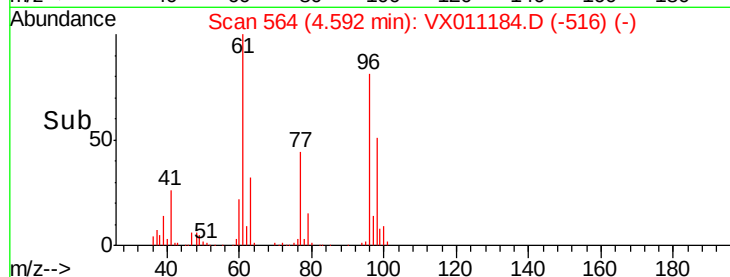
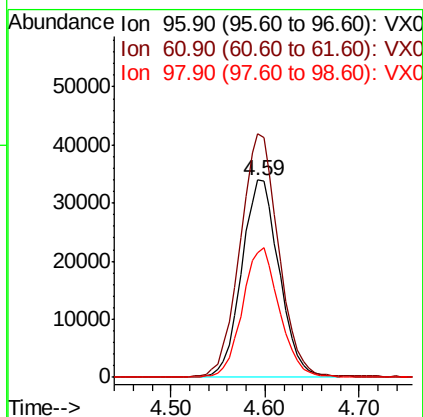
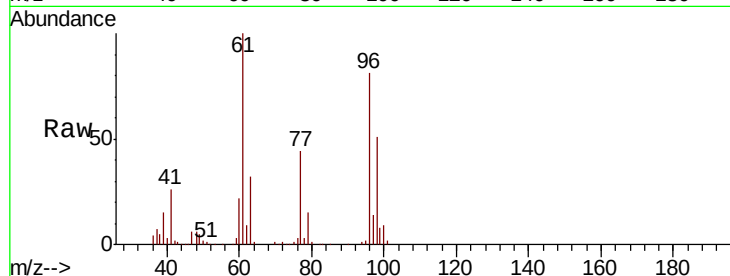


#27

cis-1,2-Dichloroethene
 Concen: 50.714 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX011184.D
 Acq: 30 Jul 2019 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

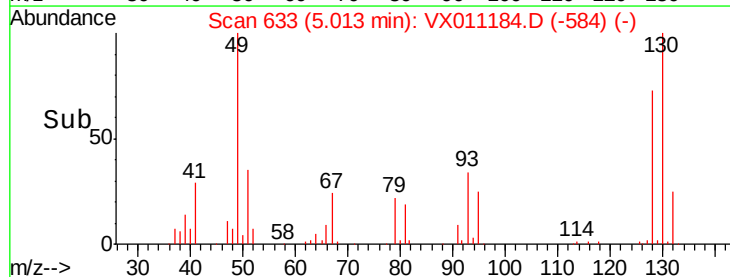
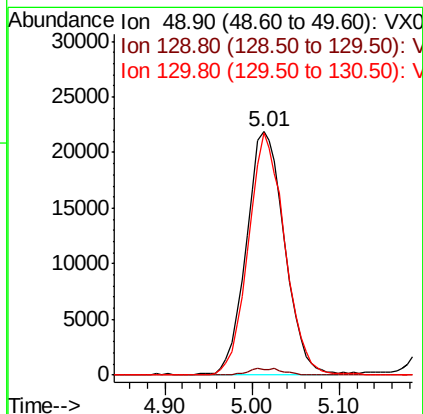
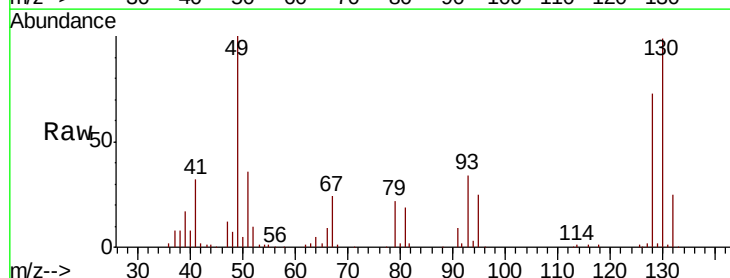
Tot Ion: 96 Resp: 94606
 Ion Ratio Lower Upper
 96 100
 61 128.0 0.0 269.0
 98 65.1 0.0 131.4

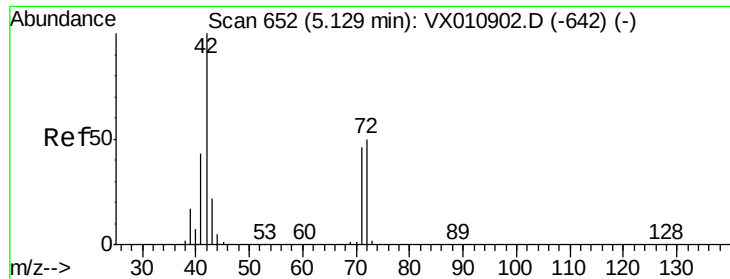


#28

Bromochloromethane
 Concen: 51.745 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX011184.D
 Acq: 30 Jul 2019 07:24

Tgt Ion: 49 Resp: 65904
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 5.2
 130 95.5 76.9 115.3





#29

Tetrahydrofuran

Concen: 271.291 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

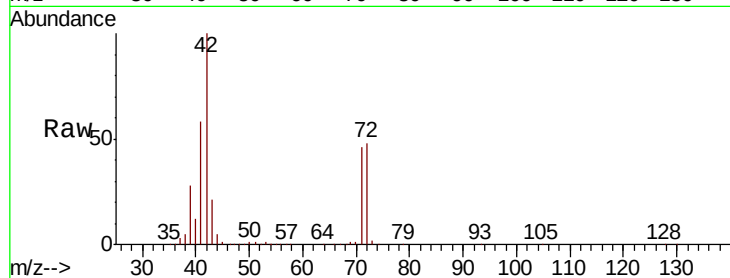
Tot Ion: 42 Resp: 202149

Ion Ratio Lower Upper

42 100

72 48.6 39.8 59.8

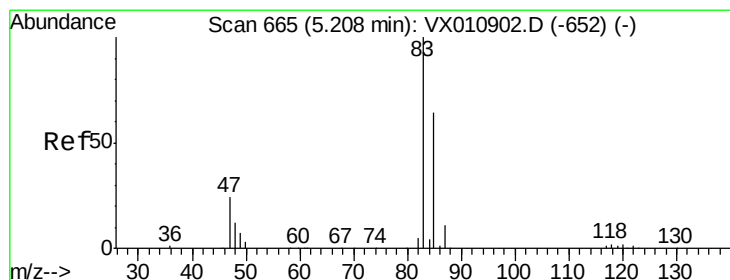
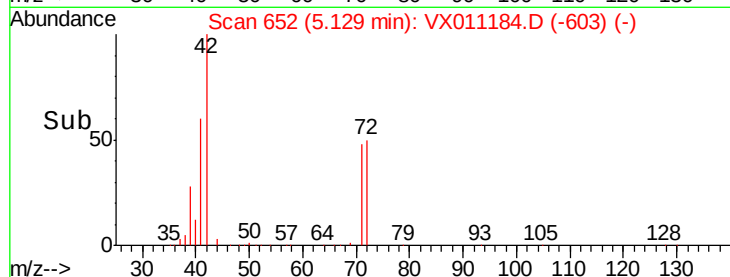
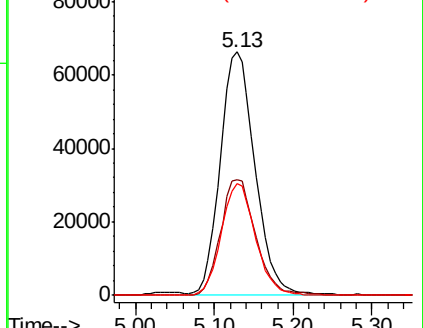
71 45.4 37.0 55.4



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: 52.532 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.00 min

Lab File: VX011184.D

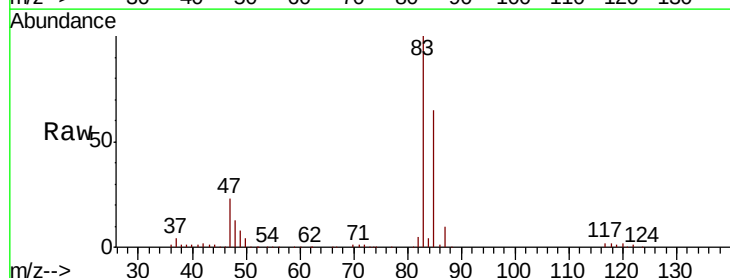
Acq: 30 Jul 2019 07:24

Tgt Ion: 83 Resp: 153465

Ion Ratio Lower Upper

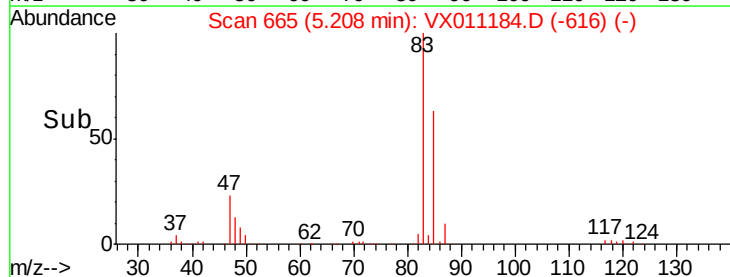
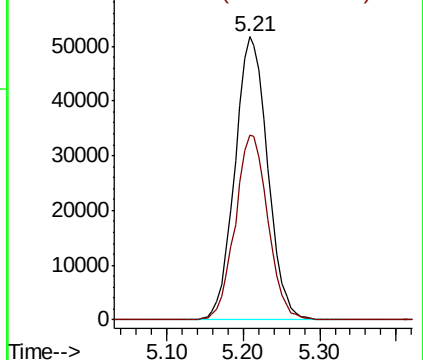
83 100

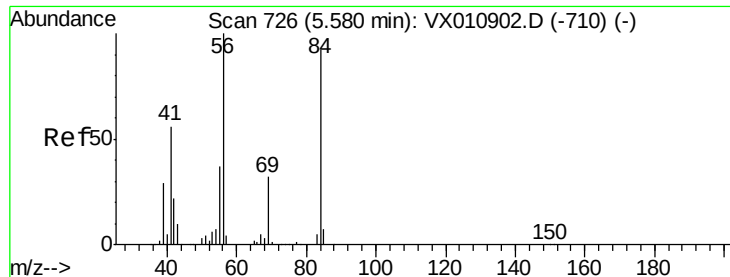
85 65.2 51.4 77.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

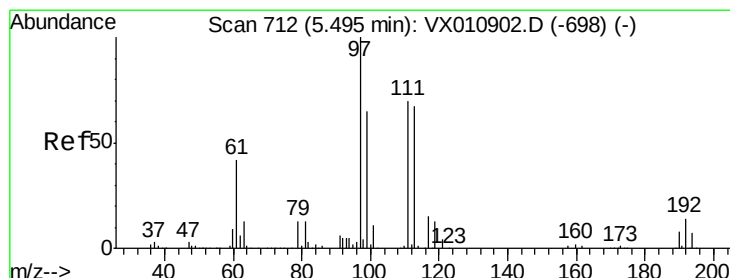
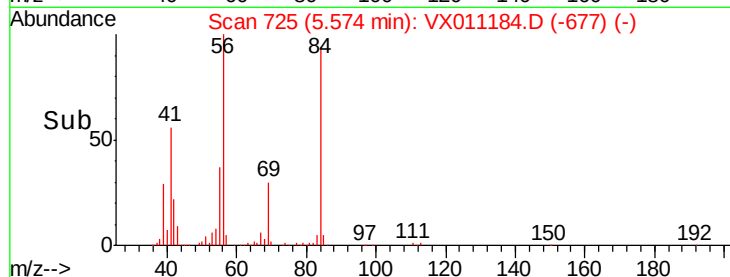
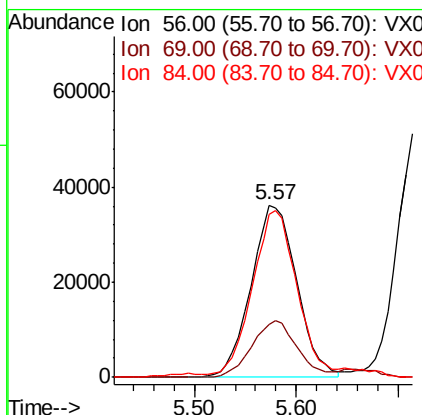
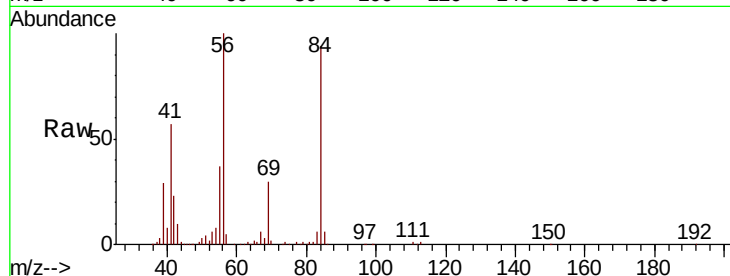




#31
Cyclohexane
Concen: 45.623 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

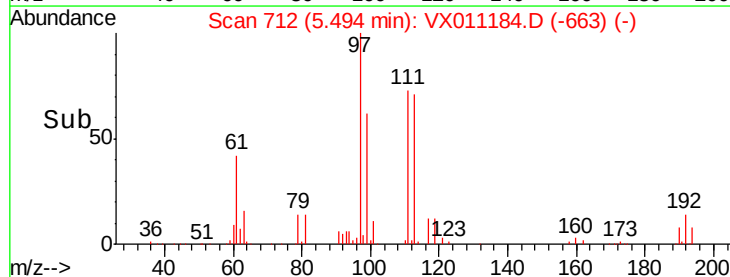
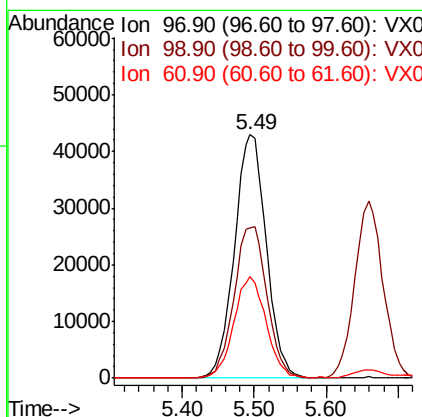
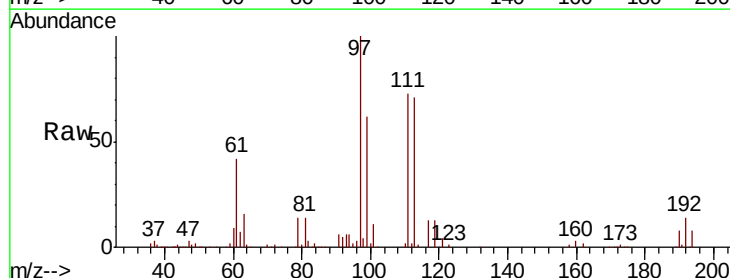
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

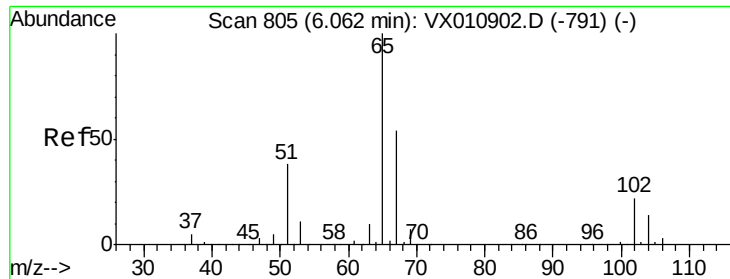
Tot Ion: 56 Resp: 112393
Ion Ratio Lower Upper
56 100
69 30.5 25.8 38.8
84 91.6 73.8 110.6



#32
1,1,1-Trichloroethane
Concen: 52.275 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Tgt Ion: 97 Resp: 132123
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.0
61 42.0 33.0 49.6

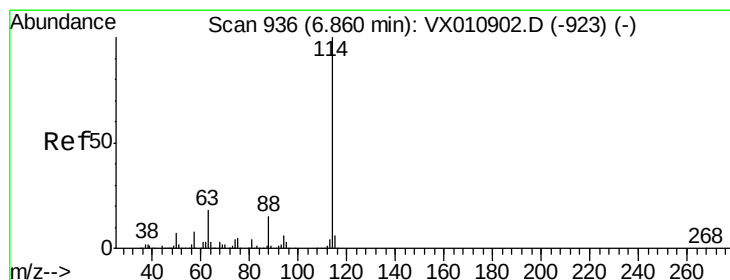
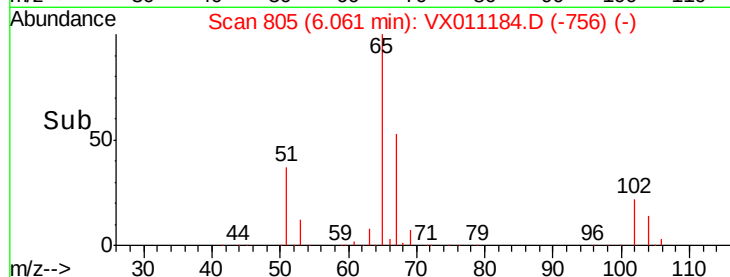
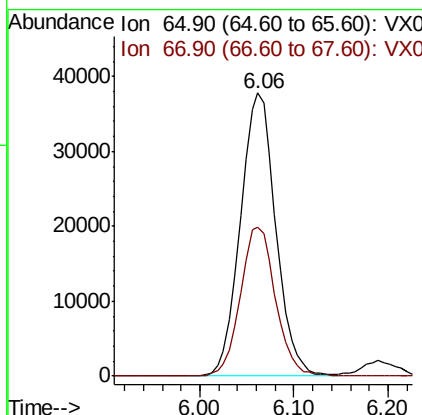
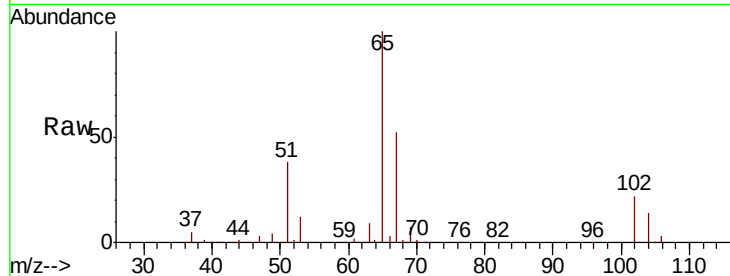




#33
 1,2-Dichloroethane-d4
 Concen: 54.820 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX011184.D
 Acq: 30 Jul 2019 07:24

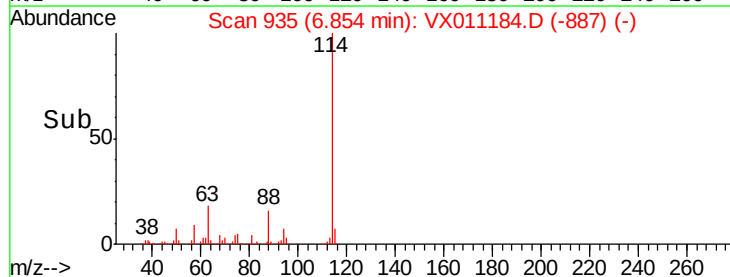
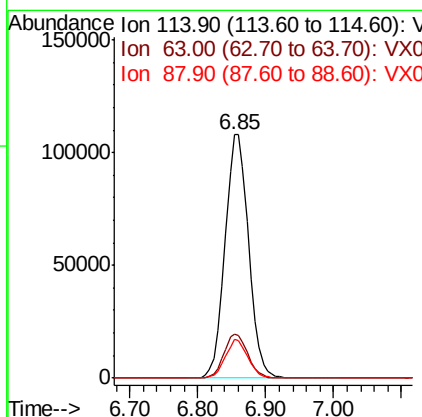
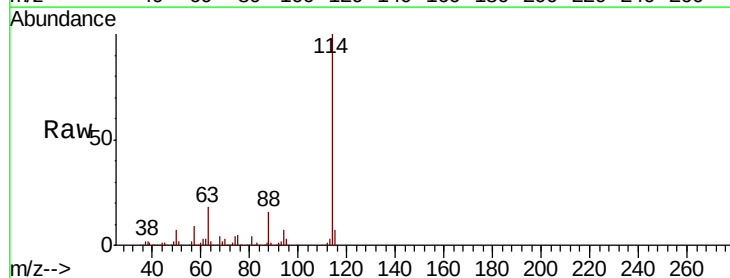
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

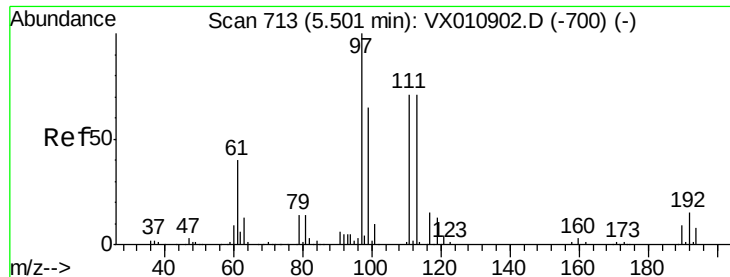
Tot Ion: 65 Resp: 99465
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX011184.D
 Acq: 30 Jul 2019 07:24

Tgt Ion: 114 Resp: 259207
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.6
 88 15.8 0.0 29.8

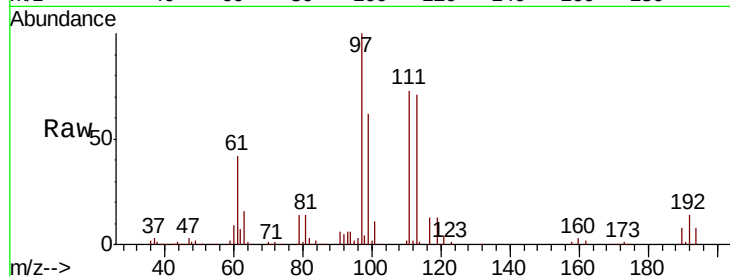




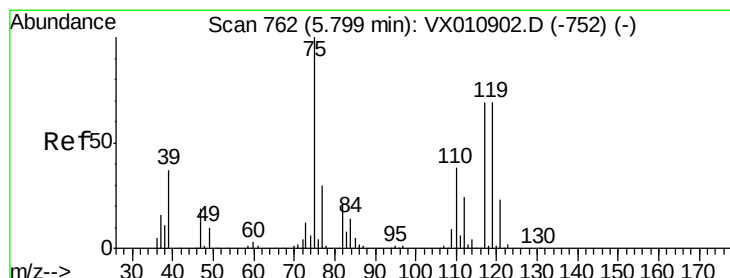
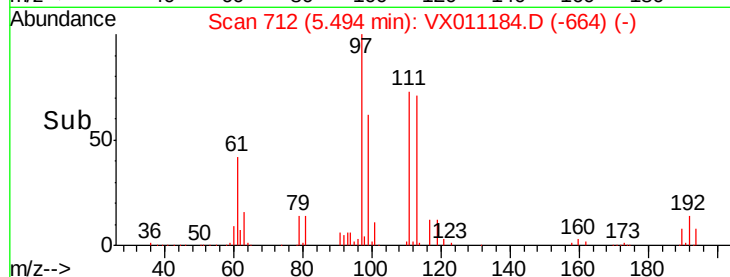
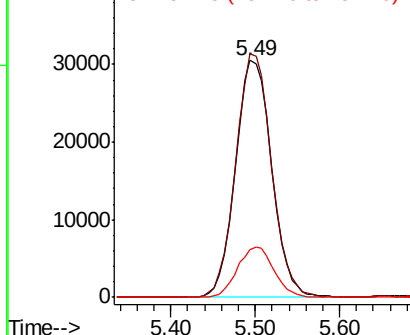
#35
 Dibromofluoromethane
 Concen: 53.925 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX011184.D
 Acq: 30 Jul 2019 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 88719
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.3 123.5
 192 21.4 17.4 26.2

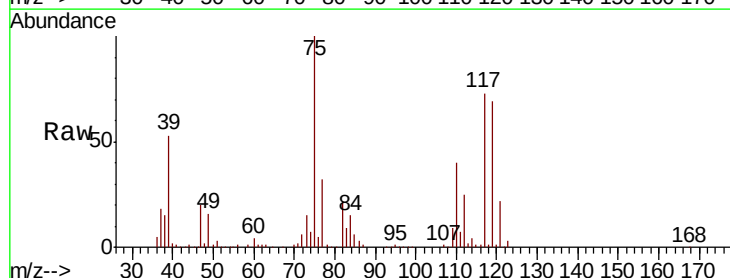


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

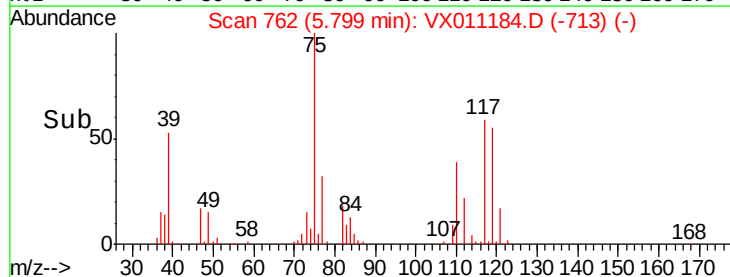
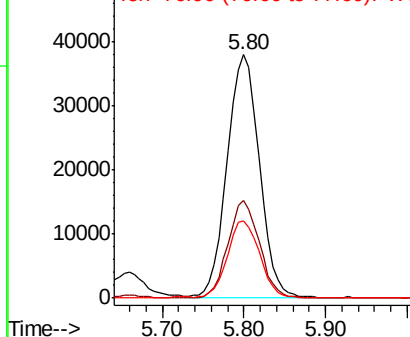


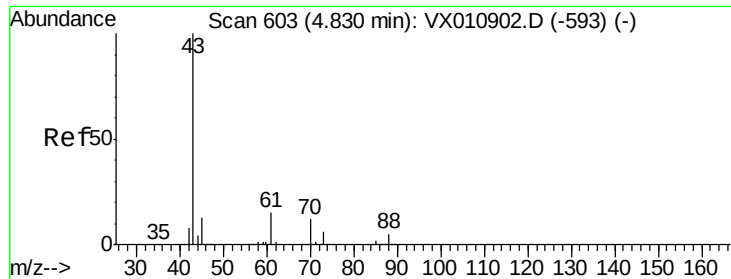
#36
 1,1-Dichloropropene
 Concen: 48.715 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX011184.D
 Acq: 30 Jul 2019 07:24

Tgt Ion: 75 Resp: 103721
 Ion Ratio Lower Upper
 75 100
 110 39.5 19.9 59.7
 77 32.0 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

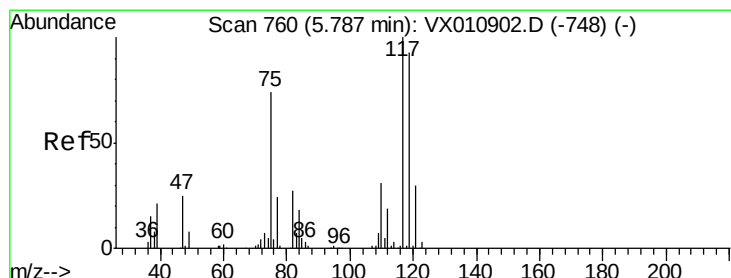
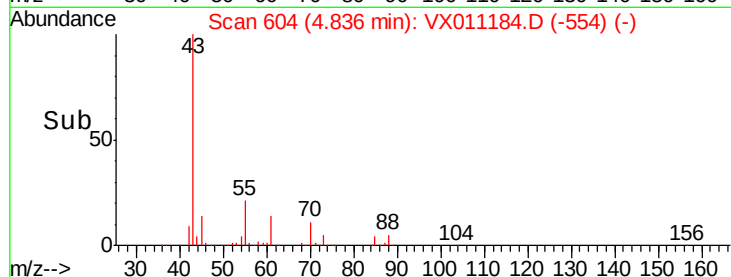
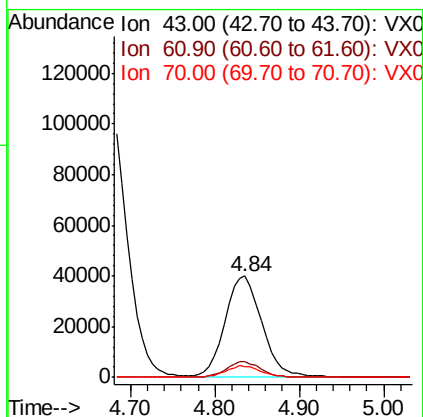
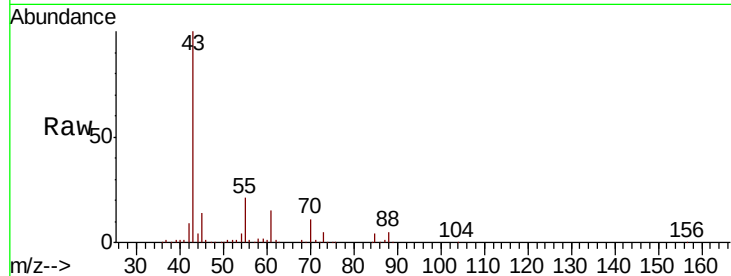




#37
Ethyl Acetate
Concen: 53.533 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

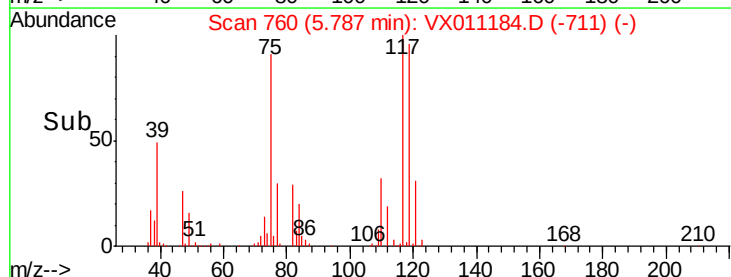
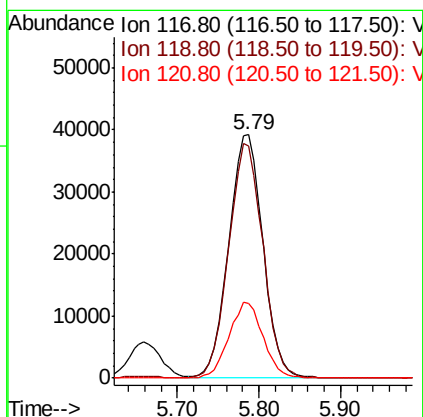
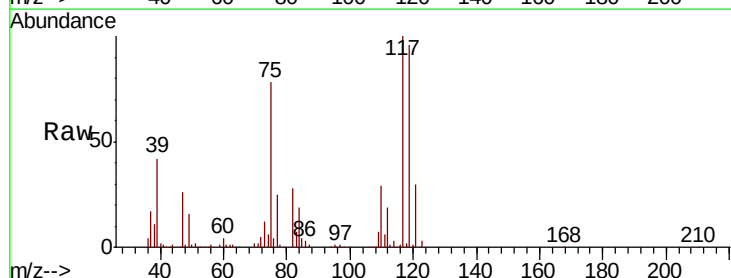
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

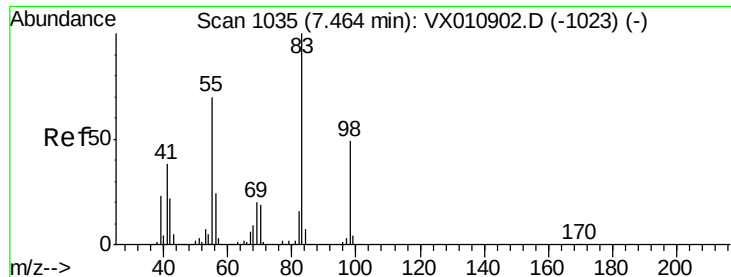
Tot Ion: 43 Resp: 116712
Ion Ratio Lower Upper
43 100
61 14.4 11.6 17.4
70 11.3 9.1 13.7



#38
Carbon Tetrachloride
Concen: 51.262 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Tgt Ion: 117 Resp: 113732
Ion Ratio Lower Upper
117 100
119 95.5 74.2 111.2
121 30.4 24.2 36.2

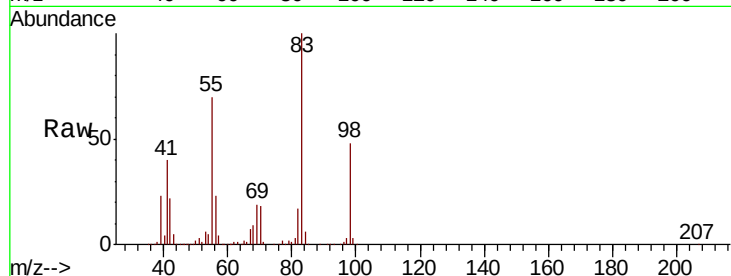




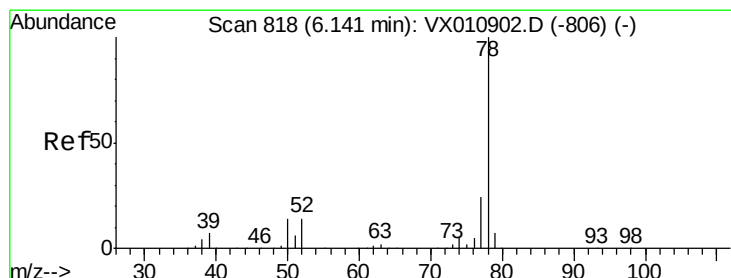
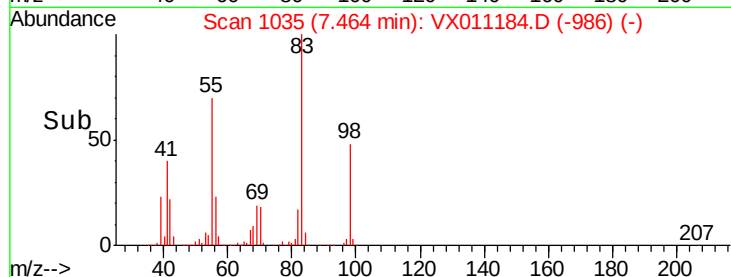
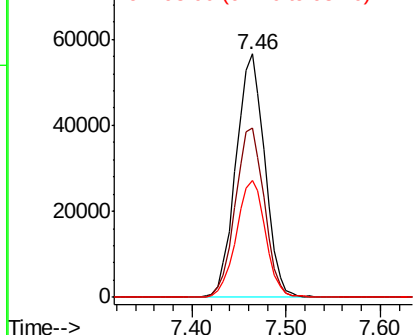
#39
Methylvlcyclohexane
Concen: 43.846 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 121062
Ion Ratio Lower Upper
83 100
55 69.8 56.2 84.4
98 48.0 39.0 58.4

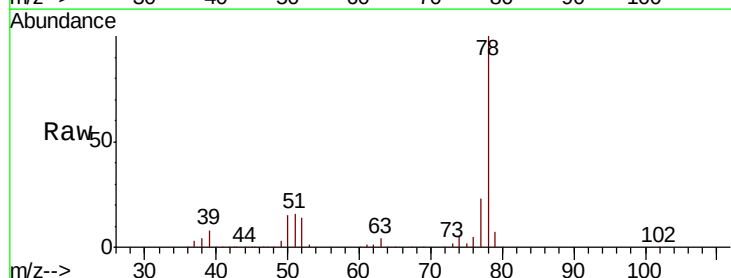


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

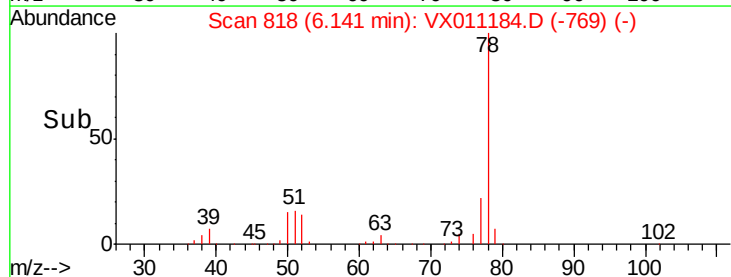
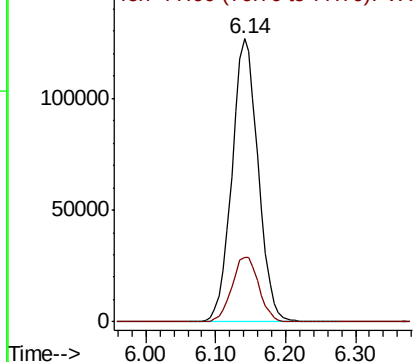


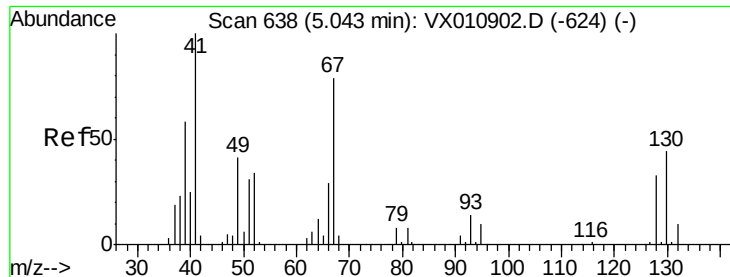
#40
Benzene
Concen: 50.394 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Tgt Ion: 78 Resp: 328672
Ion Ratio Lower Upper
78 100
77 22.8 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: 52.530 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 65014

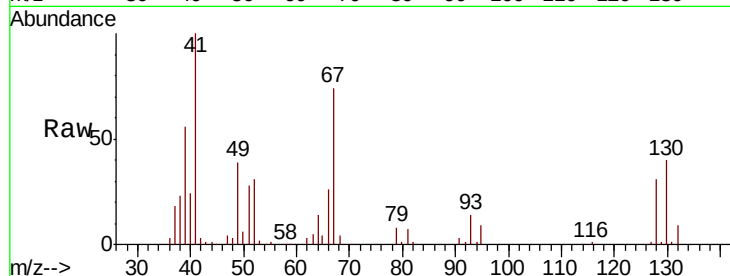
Ion Ratio Lower Upper

41 100

39 55.5 45.4 68.2

67 78.4 65.9 98.9

52 32.2 26.2 39.2

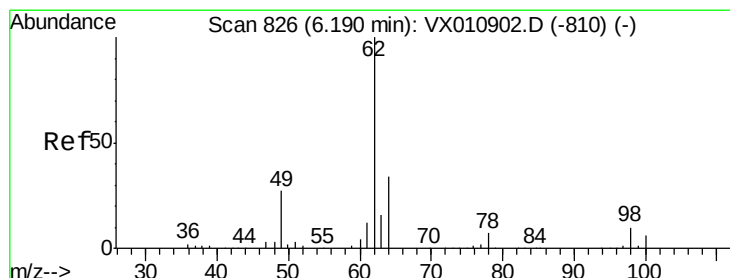
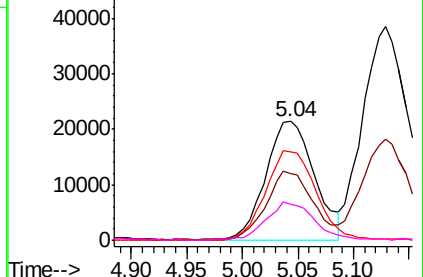
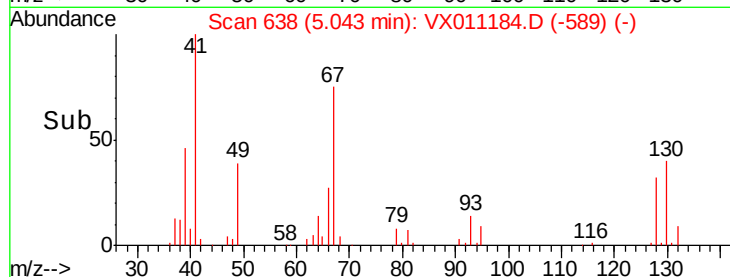


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 52.313 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX011184.D

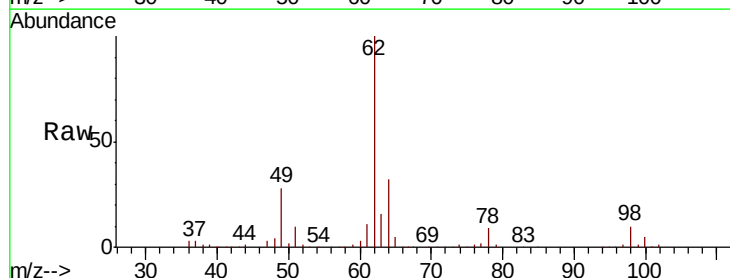
Acq: 30 Jul 2019 07:24

Tgt Ion: 62 Resp: 118630

Ion Ratio Lower Upper

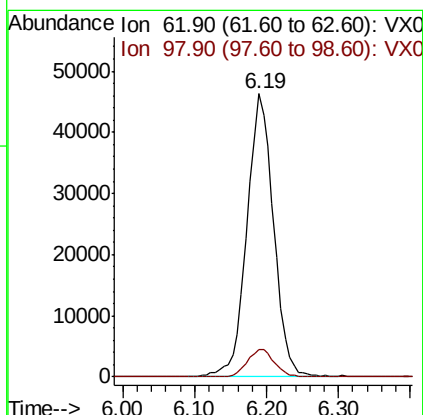
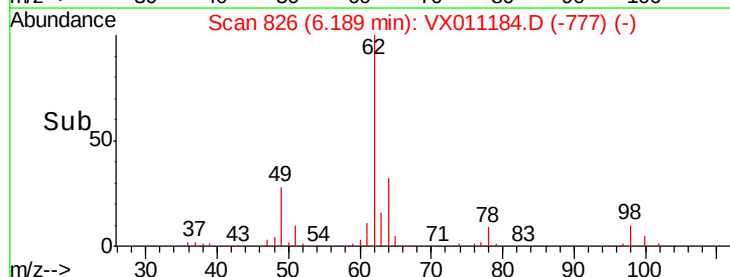
62 100

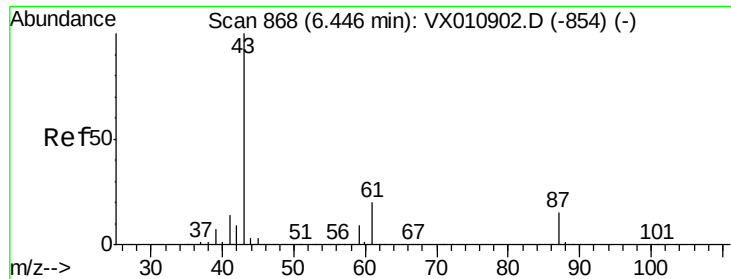
98 9.9 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 53.372 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

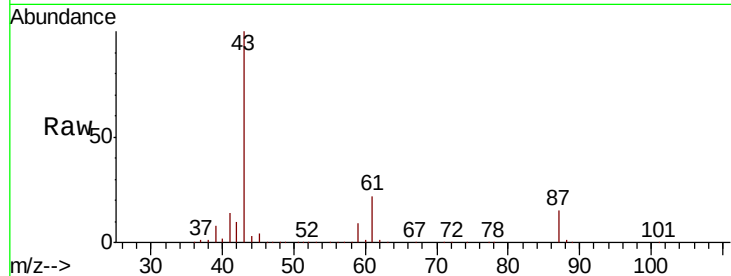
Tot Ion: 43 Resp: 191331

Ion Ratio Lower Upper

43 100

61 20.5 17.1 25.7

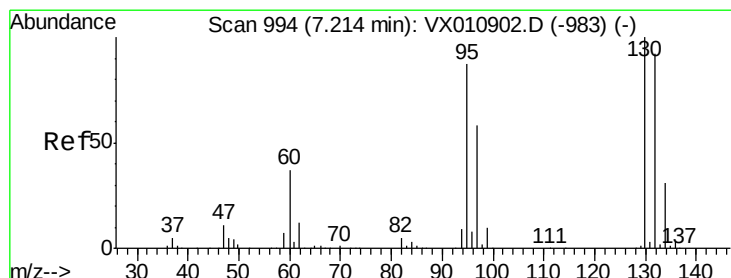
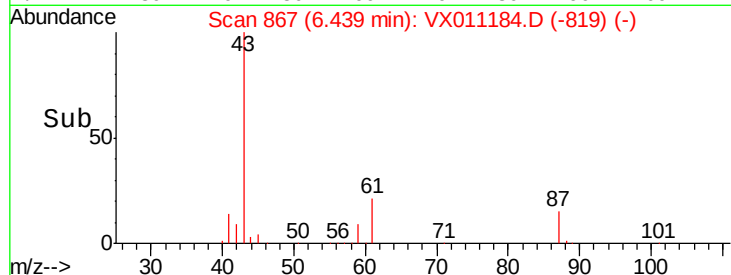
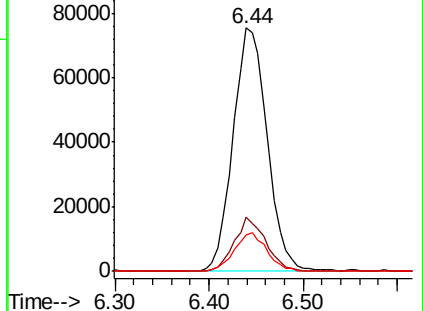
87 15.0 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.141 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX011184.D

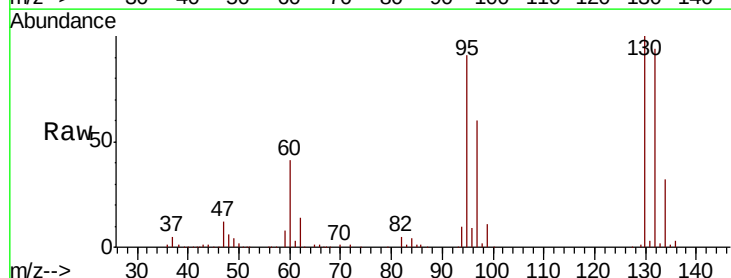
Acq: 30 Jul 2019 07:24

Tgt Ion:130 Resp: 92939

Ion Ratio Lower Upper

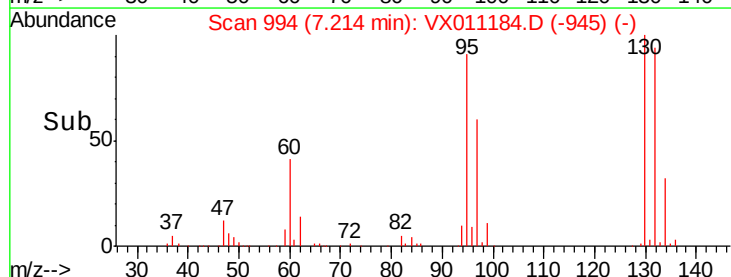
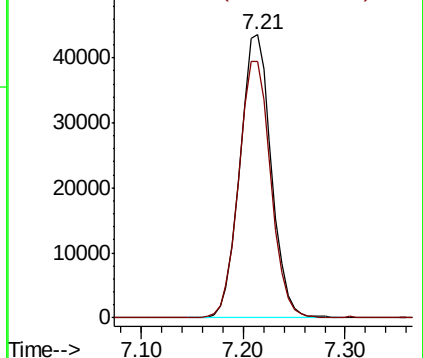
130 100

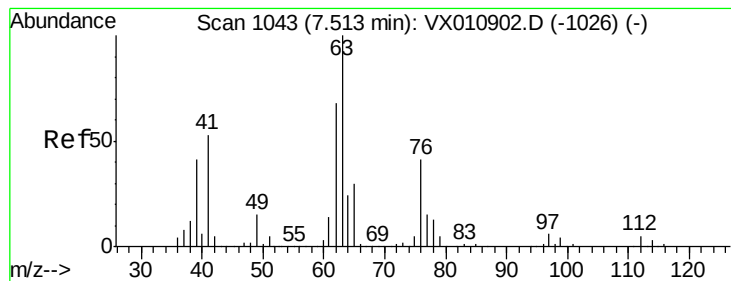
95 90.6 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.132 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

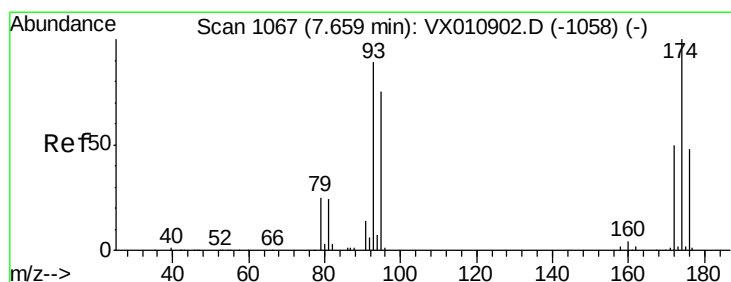
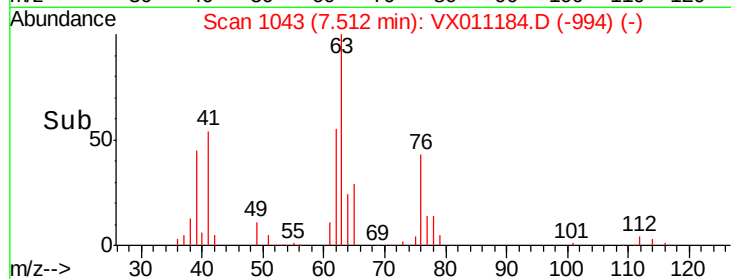
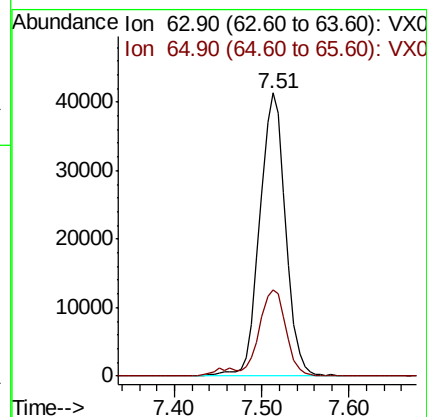
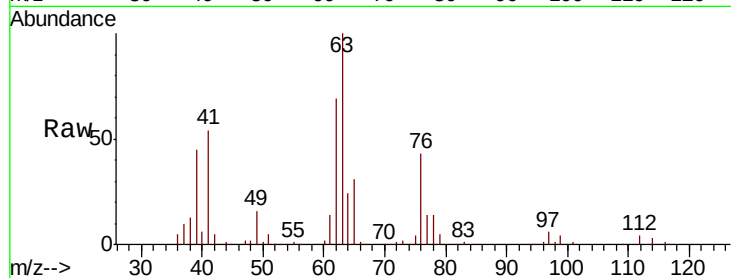
VSTDCCC050EC

Tot Ion: 63 Resp: 84879

Ion Ratio Lower Upper

63 100

65 30.4 24.4 36.6



#46

Dibromomethane

Concen: 53.152 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

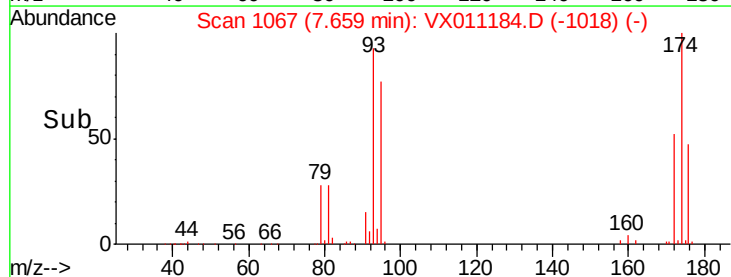
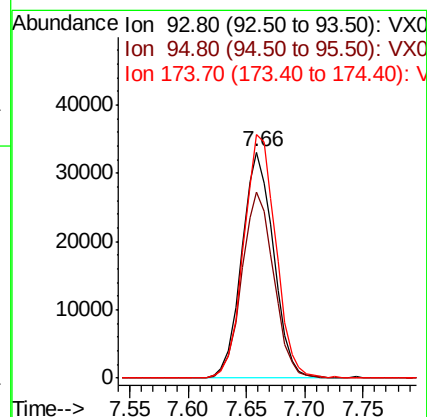
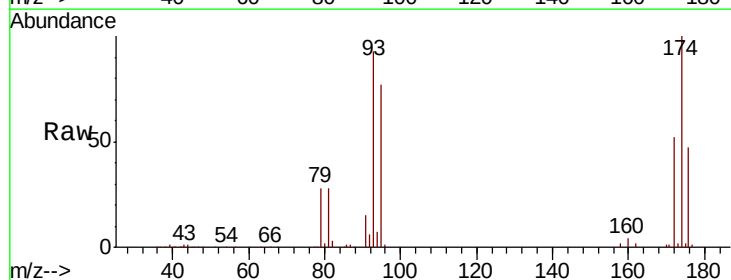
Tgt Ion: 93 Resp: 63047

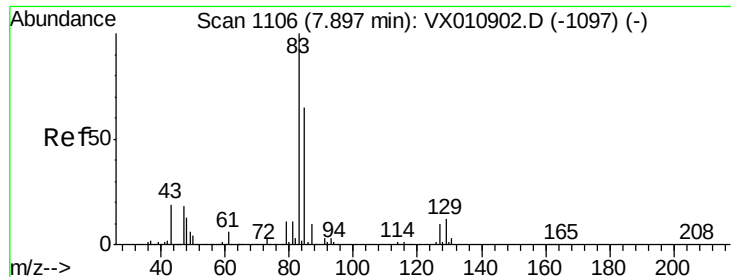
Ion Ratio Lower Upper

93 100

95 82.7 67.2 100.8

174 109.3 90.6 135.8





#47

Bromodichloromethane

Concen: 54.389 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

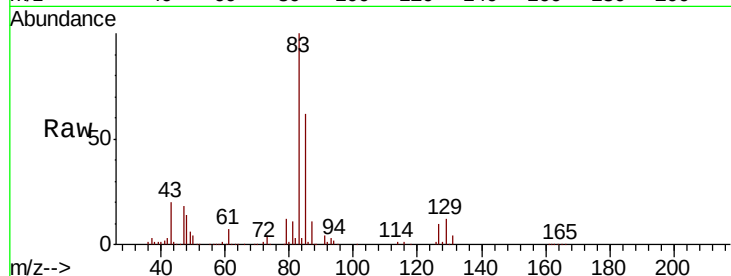
Tot Ion: 83 Resp: 114842

Ion Ratio Lower Upper

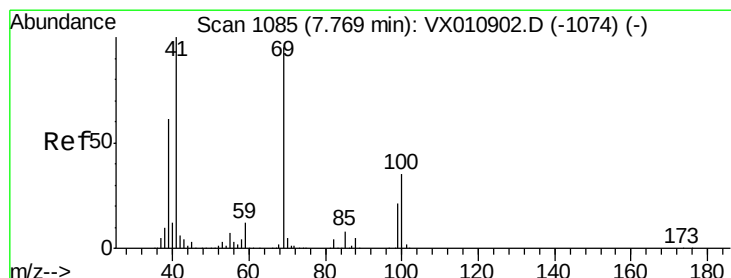
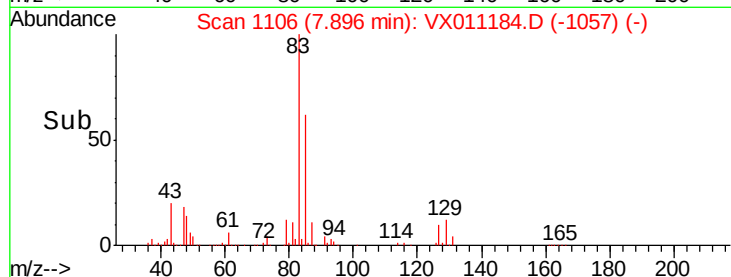
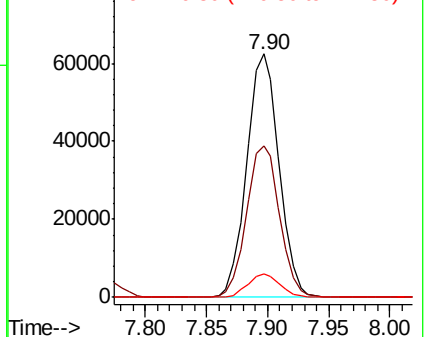
83 100

85 62.4 52.5 78.7

127 9.6 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: 53.739 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

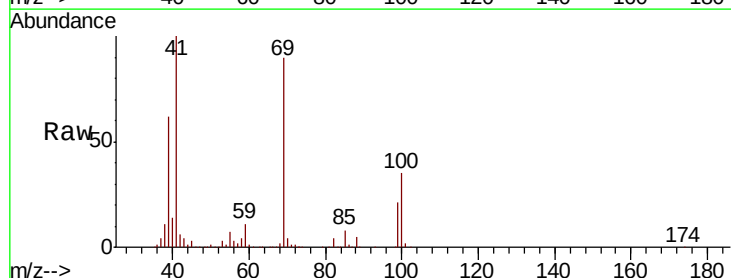
Tgt Ion: 41 Resp: 93848

Ion Ratio Lower Upper

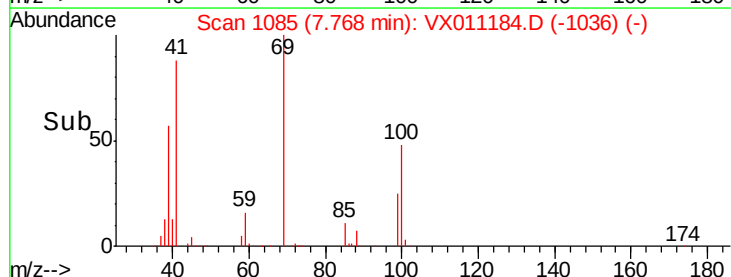
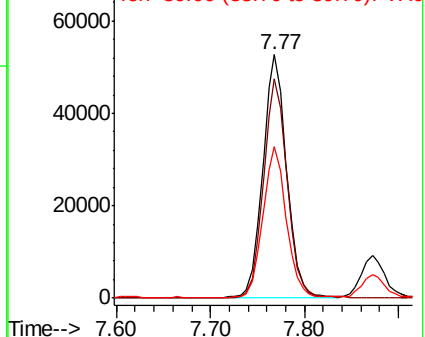
41 100

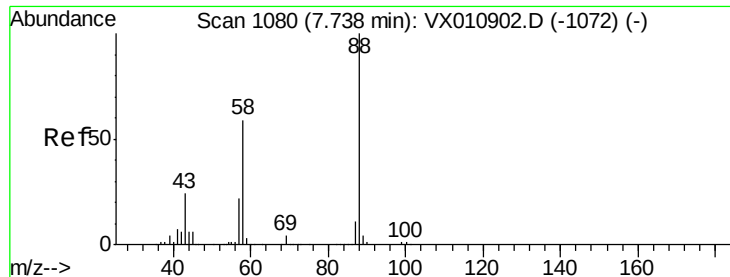
69 89.7 74.4 111.6

39 60.8 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

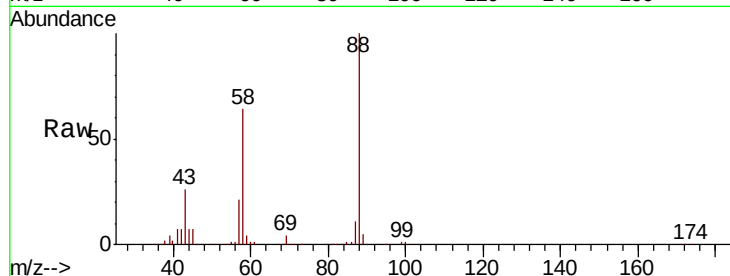




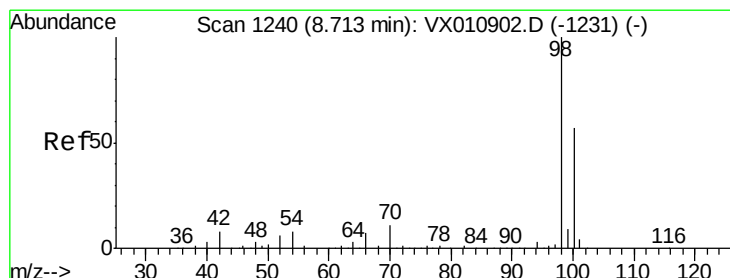
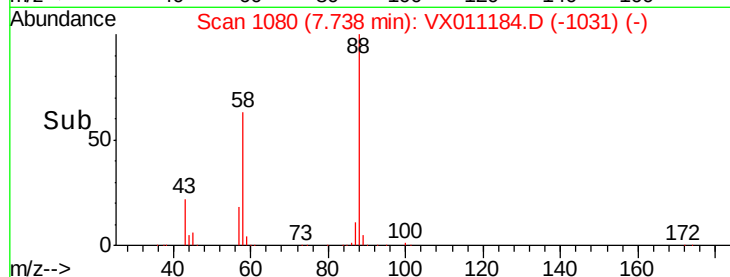
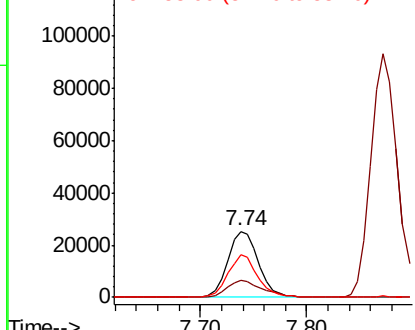
#49
1,4-Dioxane
Concen: 1050.884 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 51336
Ion Ratio Lower Upper
88 100
43 28.6 22.9 34.3
58 63.0 49.8 74.8

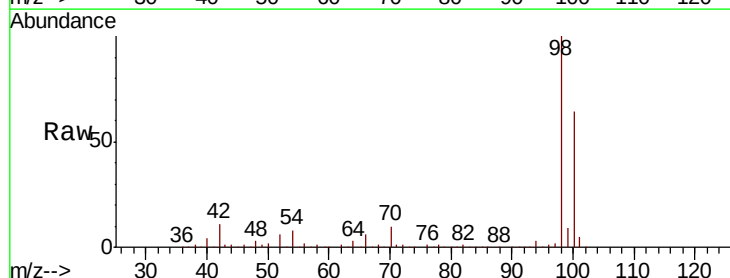


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

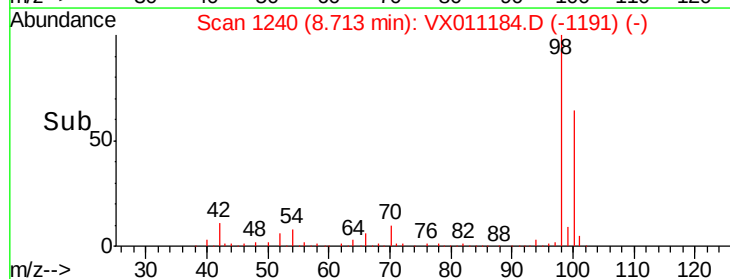
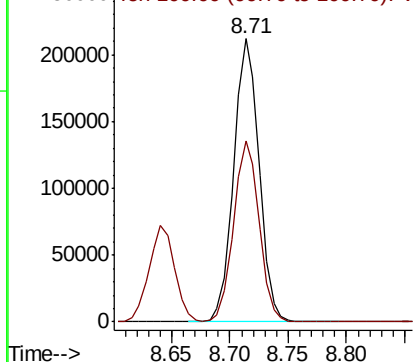


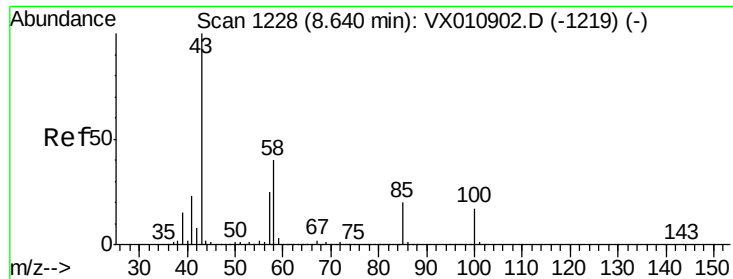
#50
Toluene-d8
Concen: 52.195 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Tgt Ion: 98 Resp: 322078
Ion Ratio Lower Upper
98 100
100 64.4 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

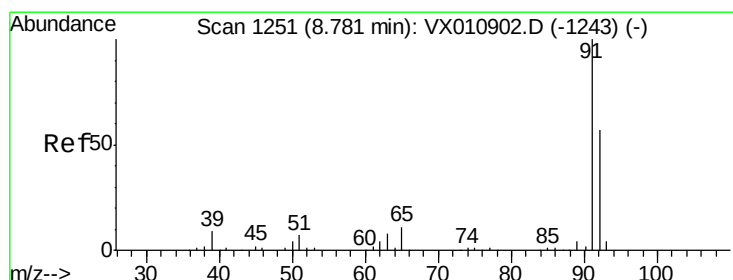
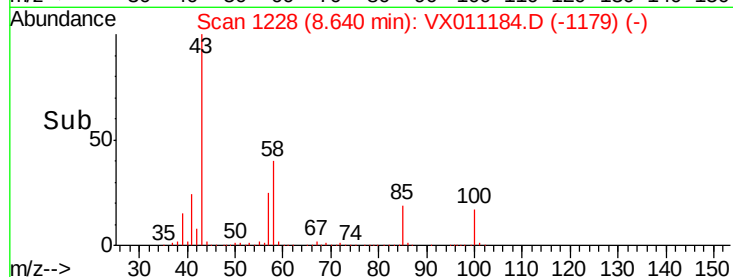
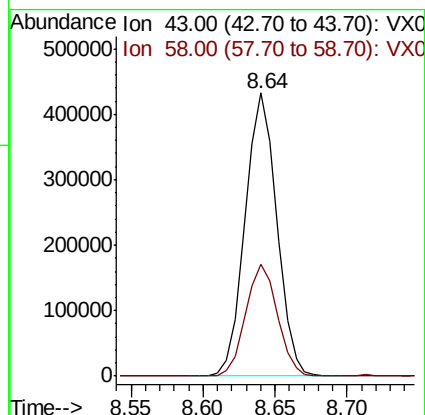
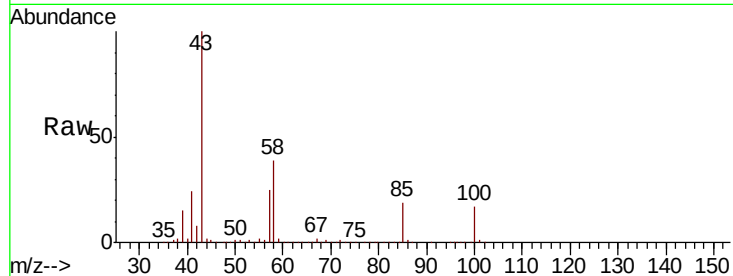




#51
4-Methyl-2-Pentanone
Concen: 283.011 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

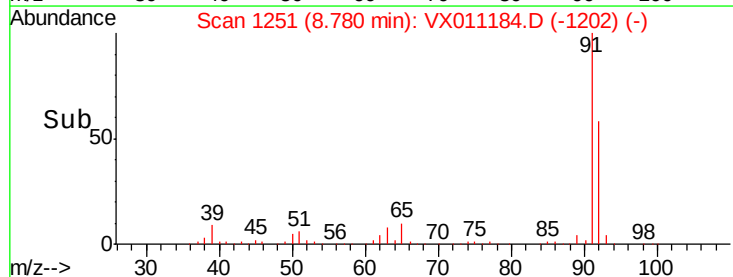
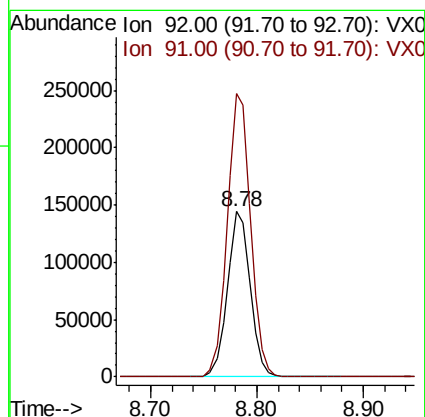
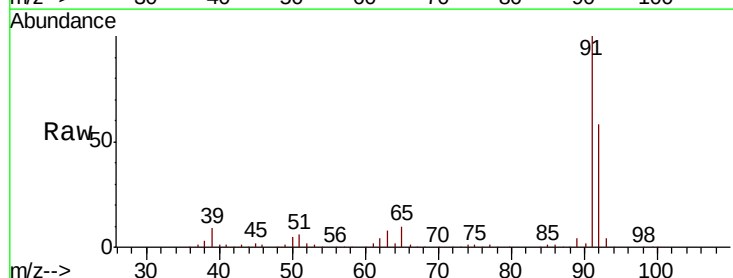
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

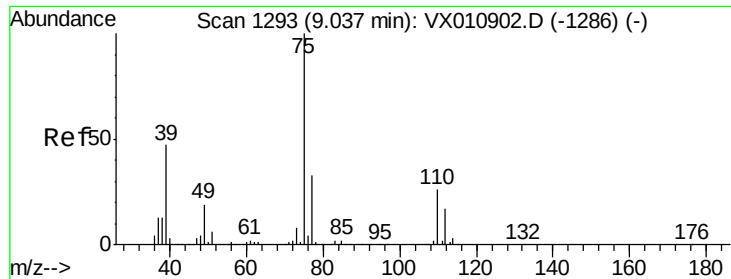
Tot Ion: 43 Resp: 657677
Ion Ratio Lower Upper
43 100
58 39.6 32.2 48.4



#52
Toluene
Concen: 50.709 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Tgt Ion: 92 Resp: 217265
Ion Ratio Lower Upper
92 100
91 174.6 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 49.934 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

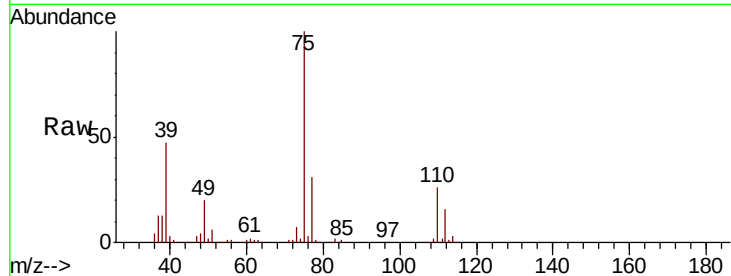
VSTDCCC050EC

Tot Ion: 75 Resp: 113368

Ion Ratio Lower Upper

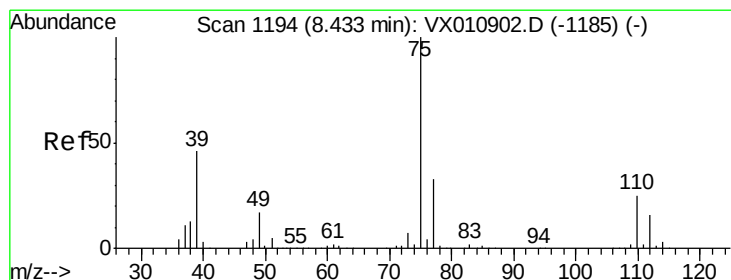
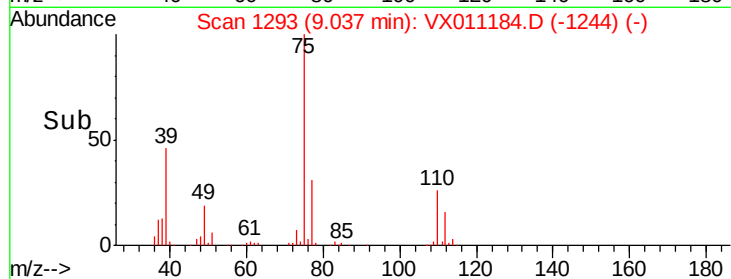
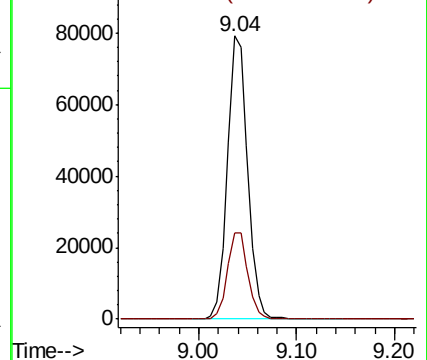
75 100

77 30.6 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: 49.051 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

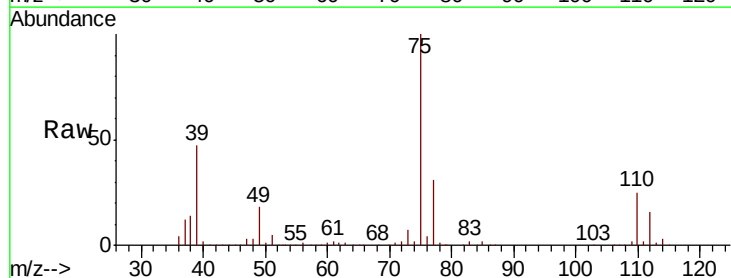
Tgt Ion: 75 Resp: 123918

Ion Ratio Lower Upper

75 100

77 30.8 26.1 39.1

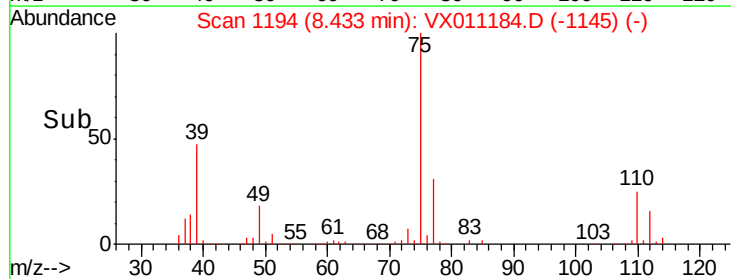
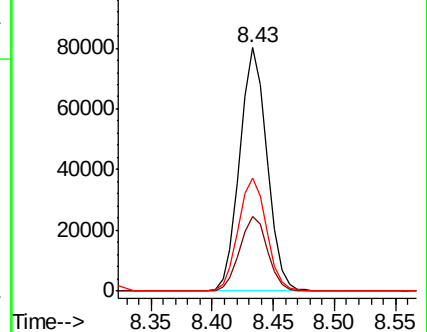
39 46.5 36.6 54.8

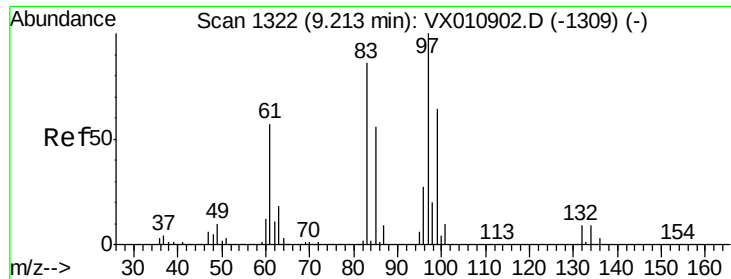


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 54.036 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 95326

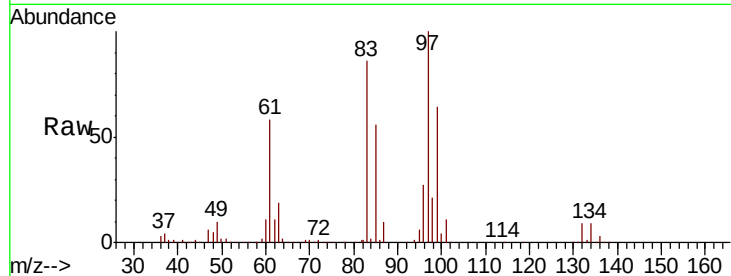
Ion Ratio Lower Upper

97 100

83 85.5 69.2 103.8

85 55.6 44.6 66.8

99 63.9 51.2 76.8

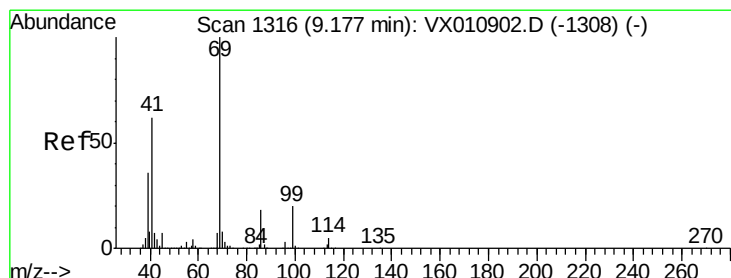
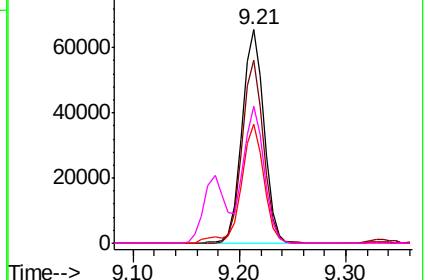
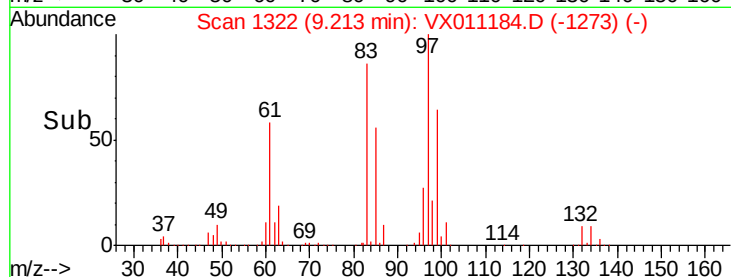


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 55.397 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

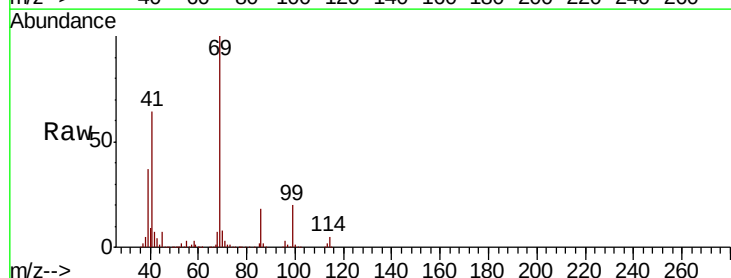
Tgt Ion: 69 Resp: 142951

Ion Ratio Lower Upper

69 100

41 63.7 49.7 74.5

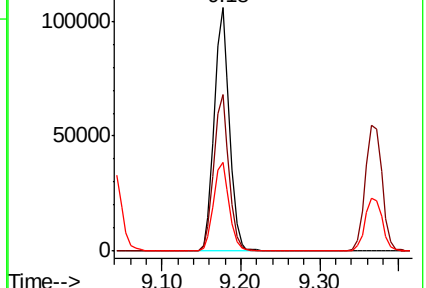
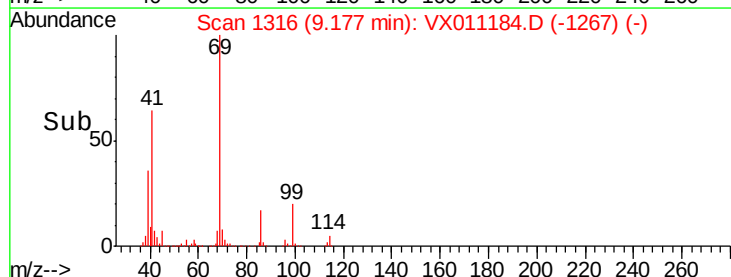
39 37.4 29.6 44.4

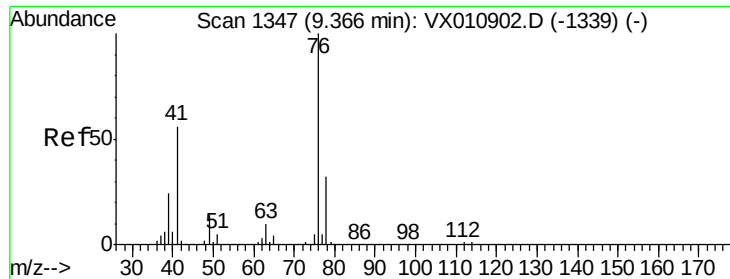


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 52.620 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

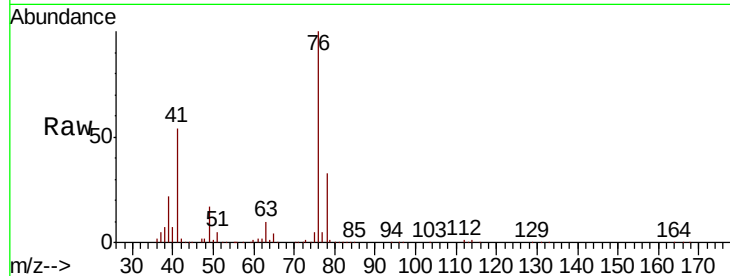
VSTDCCC050EC

Tot Ion: 76 Resp: 147261

Ion Ratio Lower Upper

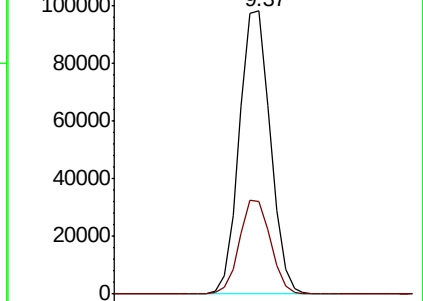
76 100

78 33.3 25.6 38.4

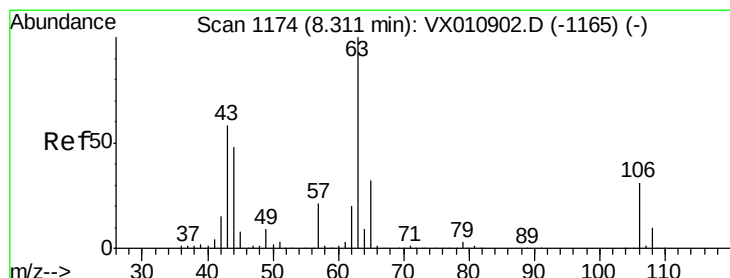
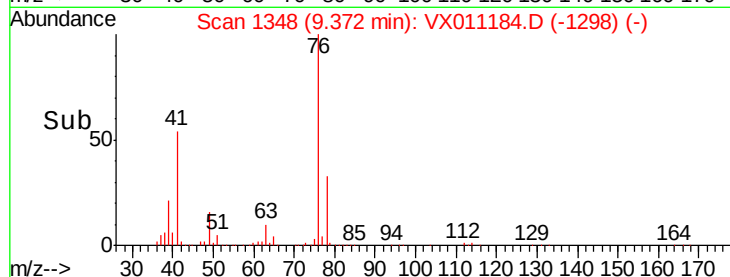


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 270.835 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX011184.D

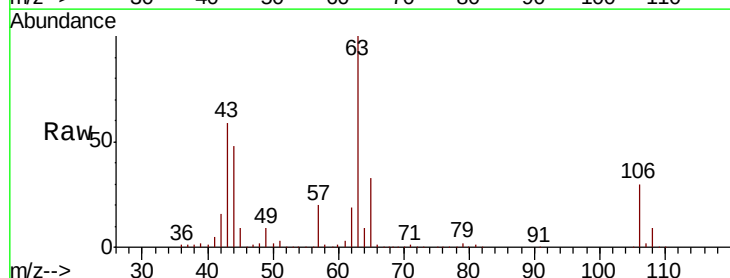
Acq: 30 Jul 2019 07:24

Tgt Ion: 63 Resp: 333623

Ion Ratio Lower Upper

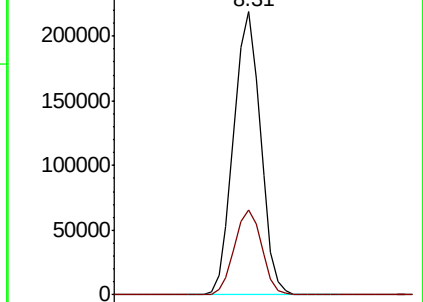
63 100

106 30.5 24.0 36.0

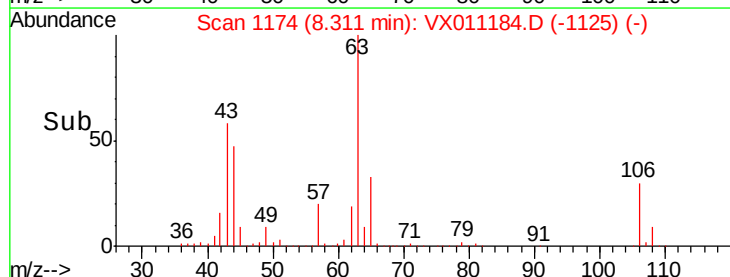


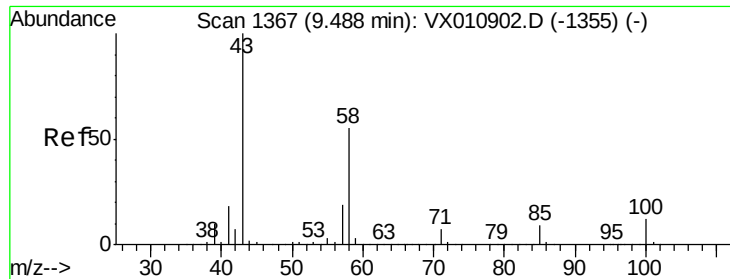
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



Time-->

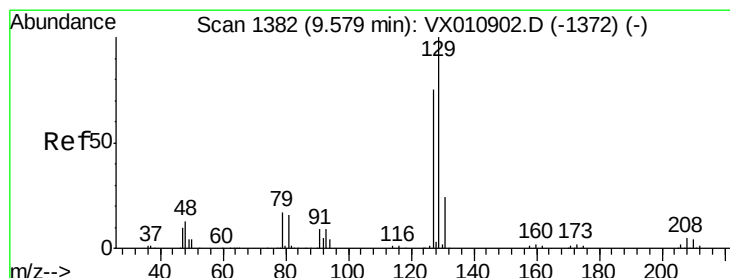
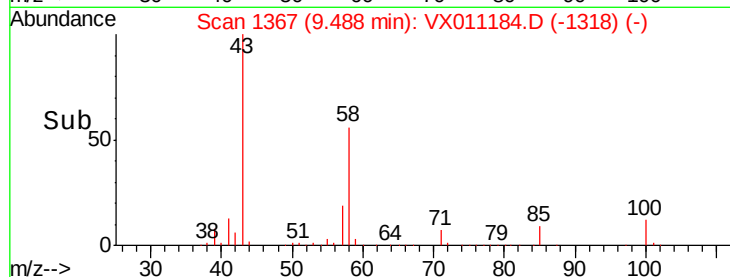
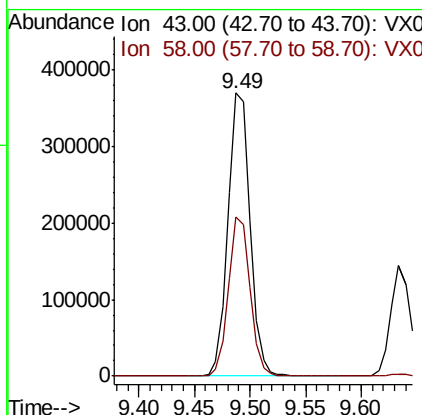
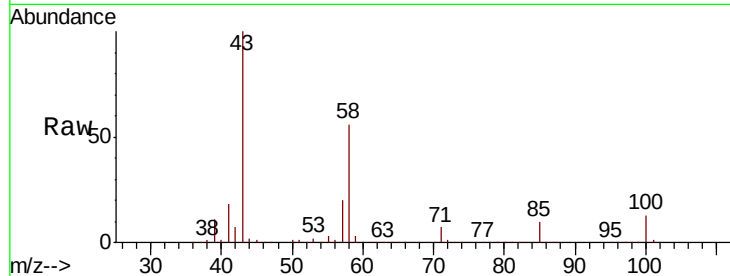




#59
2-Hexanone
Concen: 282.042 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

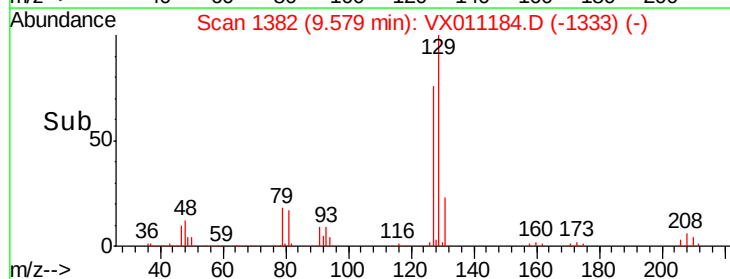
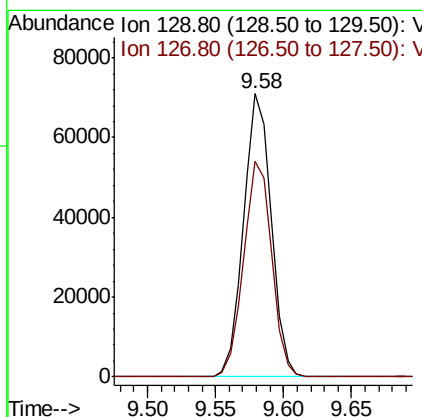
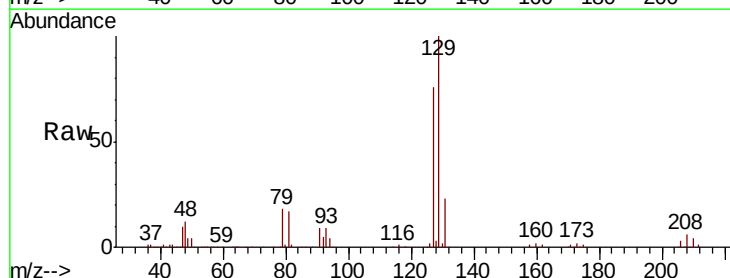
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

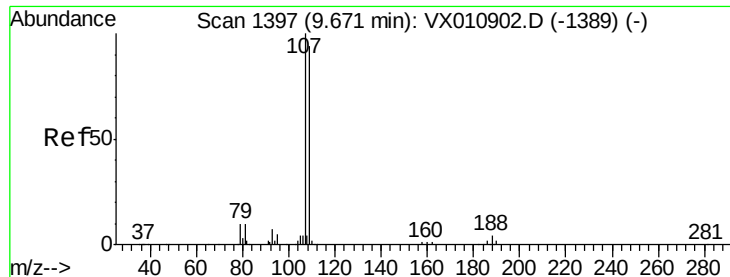
Tot Ion: 43 Resp: 508359
Ion Ratio Lower Upper
43 100
58 55.5 28.0 83.9



#60
Dibromochloromethane
Concen: 49.898 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Tgt Ion:129 Resp: 101296
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 53.300 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

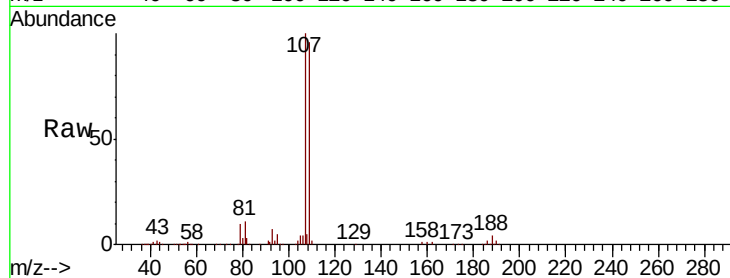
VSTDCCC050EC

Tot Ion:107 Resp: 99788

Ion Ratio Lower Upper

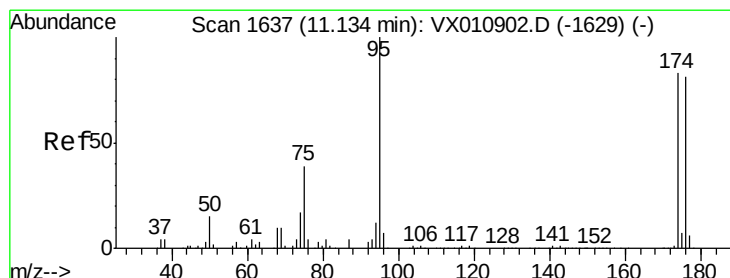
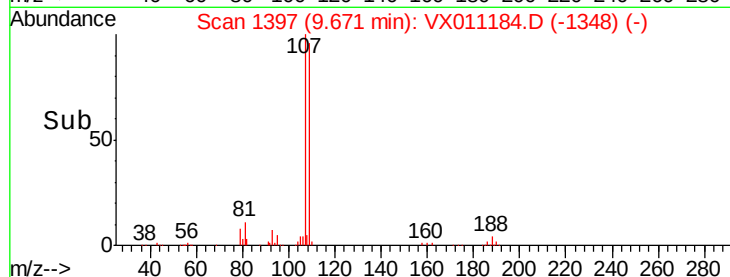
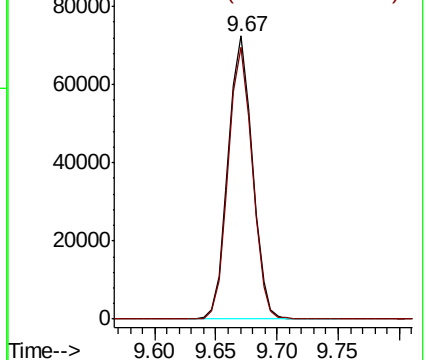
107 100

109 95.6 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: 54.581 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

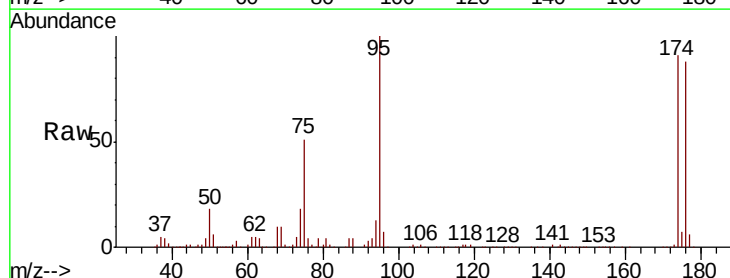
Tgt Ion: 95 Resp: 123798

Ion Ratio Lower Upper

95 100

174 91.8 0.0 180.6

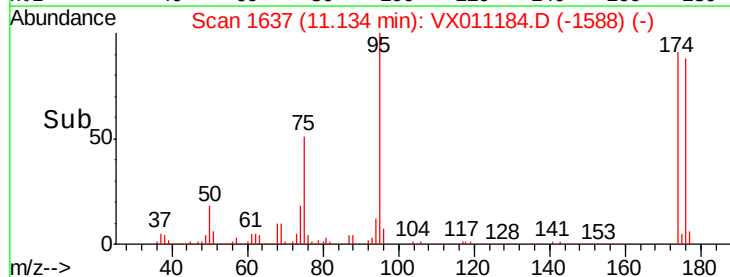
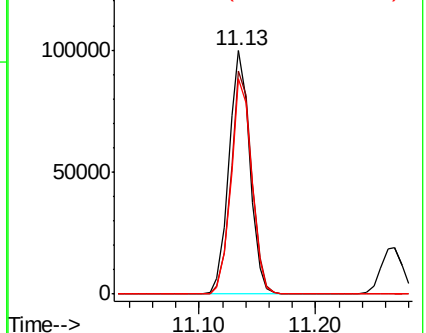
176 88.5 0.0 173.8

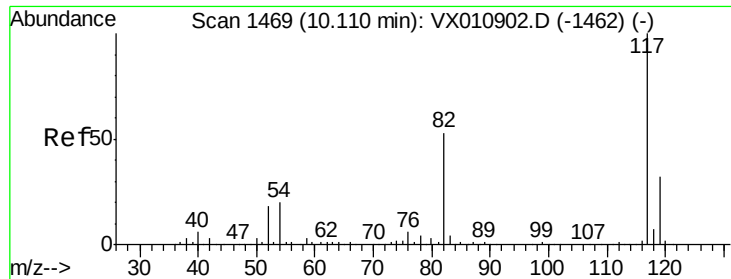


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

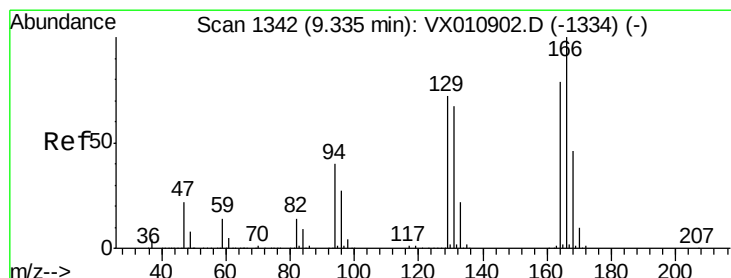
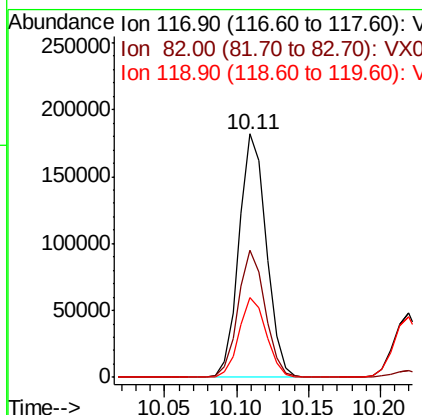
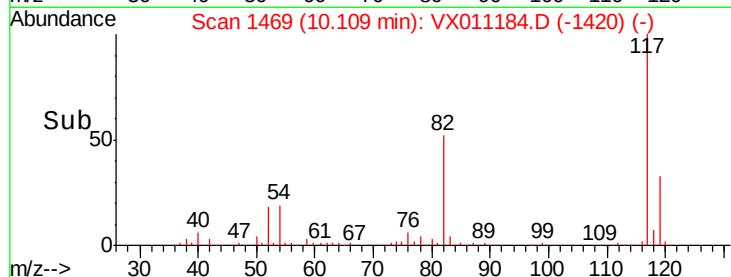
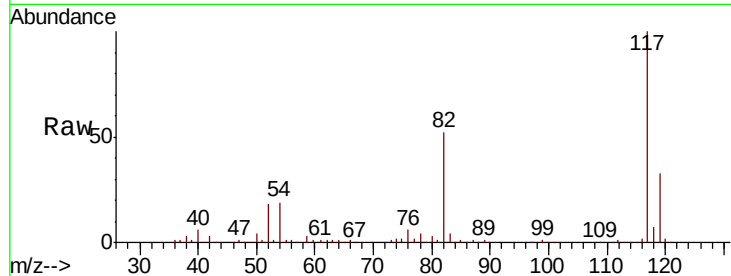




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

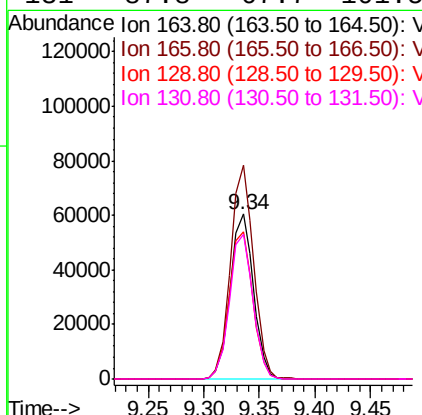
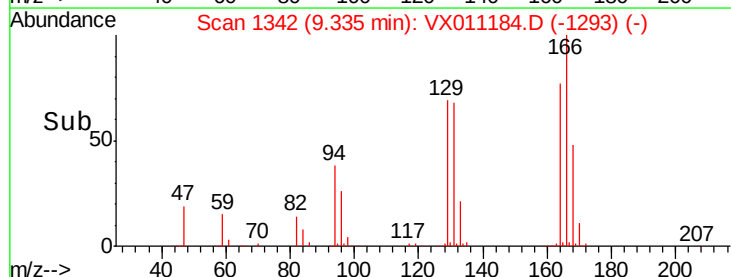
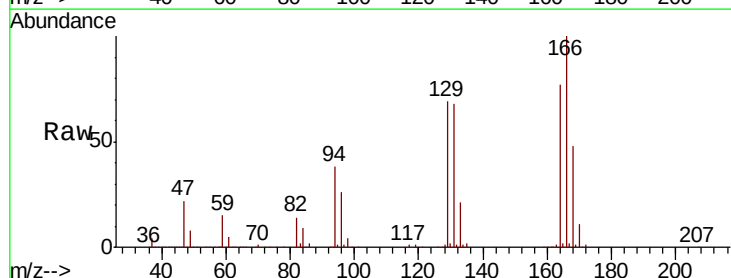
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

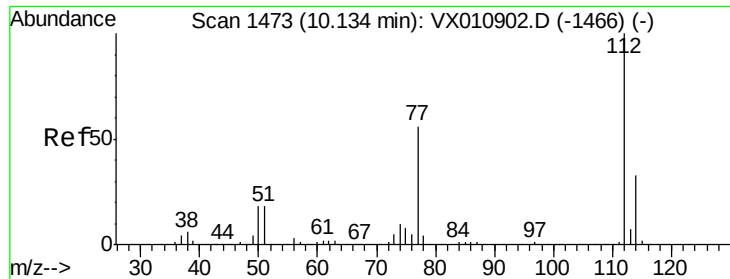
Tot Ion:117 Resp: 240779
Ion Ratio Lower Upper
117 100
82 52.5 42.6 63.8
119 32.6 25.9 38.9



#64
Tetrachloroethene
Concen: 46.328 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Tgt Ion:164 Resp: 87753
Ion Ratio Lower Upper
164 100
166 129.8 100.8 151.2
129 89.5 72.6 109.0
131 87.8 67.7 101.5





#65

Chlorobenzene

Concen: 49.904 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

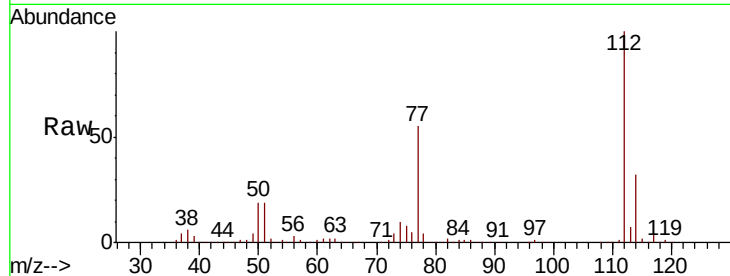
VSTDCCC050EC

Tot Ion:112 Resp: 246797

Ion Ratio Lower Upper

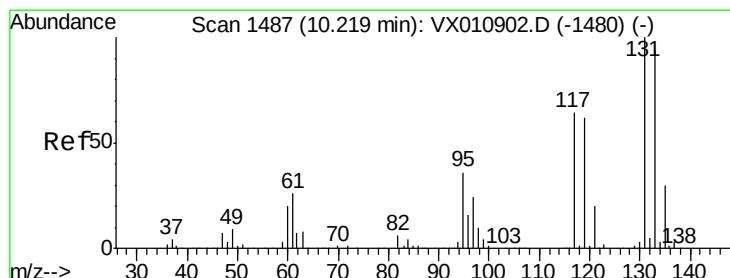
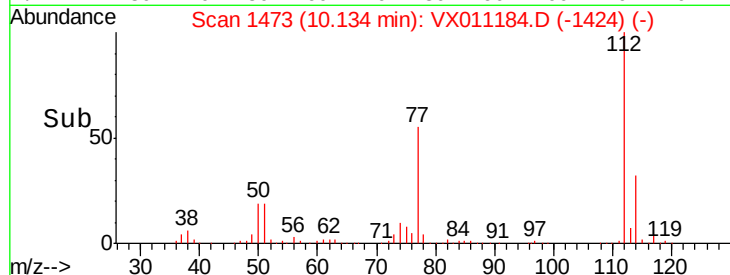
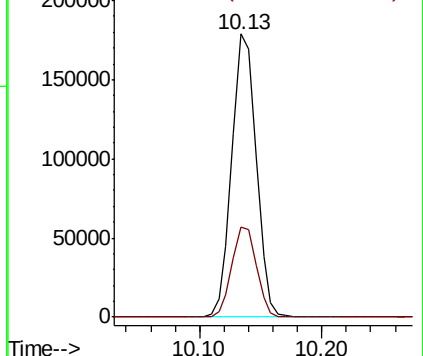
112 100

114 31.7 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.978 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

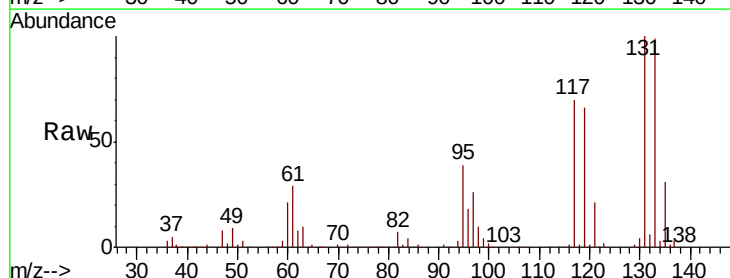
Tgt Ion:131 Resp: 92080

Ion Ratio Lower Upper

131 100

133 98.2 47.1 141.4

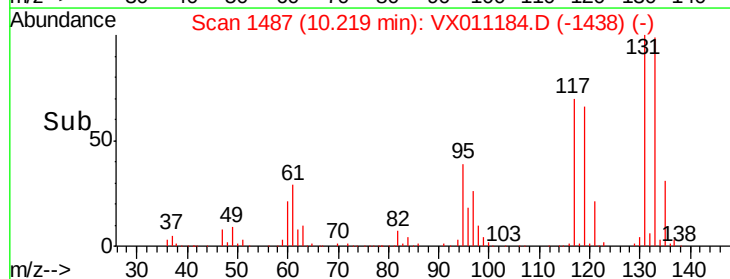
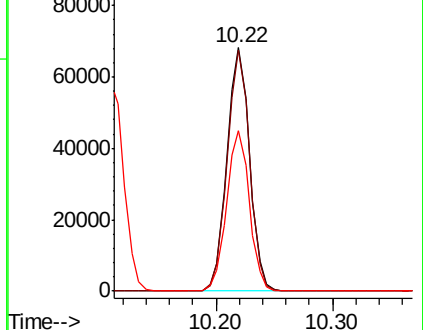
119 66.3 31.9 95.7

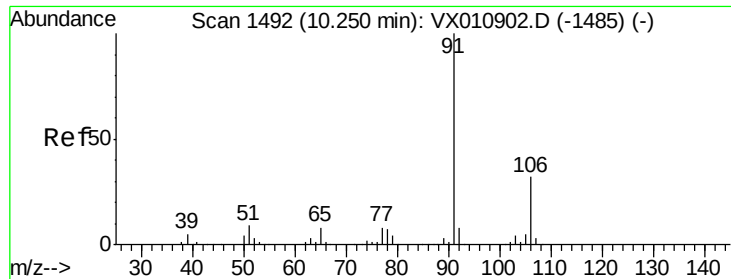


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

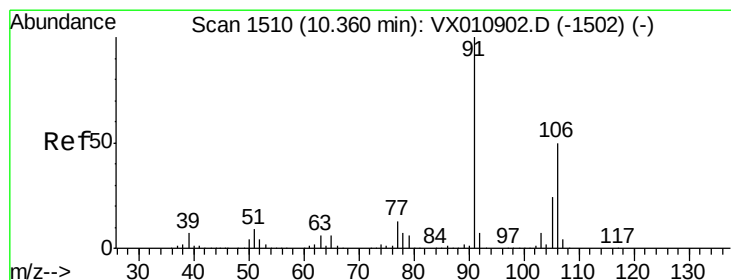
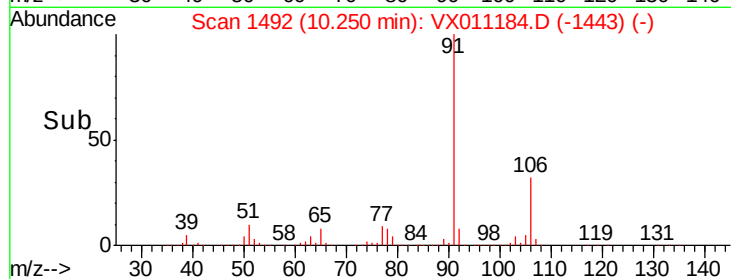
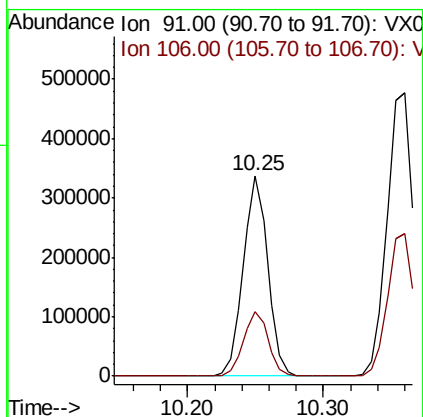
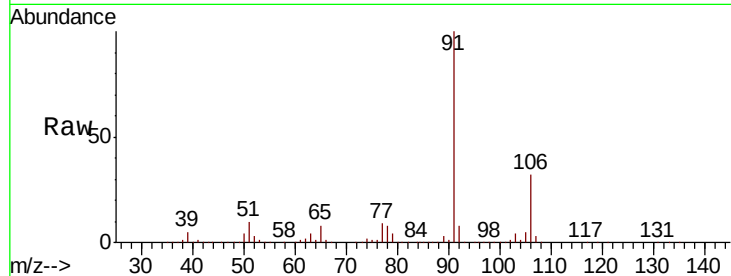




#67
Ethyl Benzene
Concen: 50.501 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

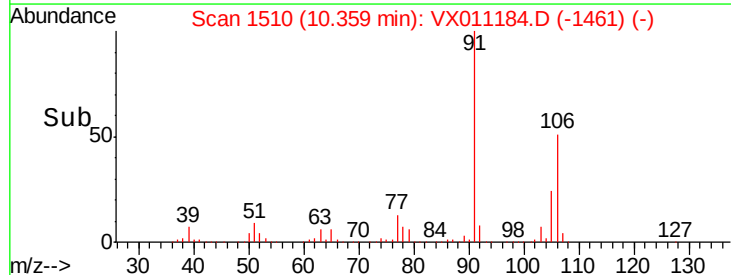
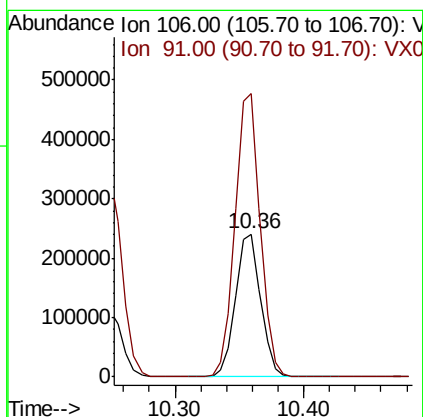
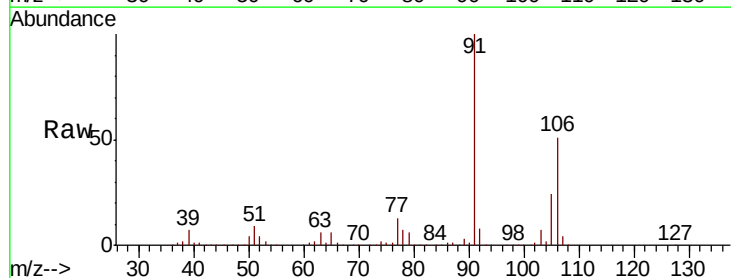
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

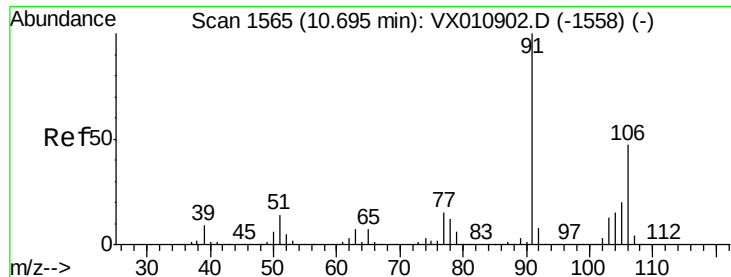
Tot Ion: 91 Resp: 425104
Ion Ratio Lower Upper
91 100
106 32.3 25.4 38.2



#68
m/p-Xylenes
Concen: 101.381 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Tgt Ion: 106 Resp: 327353
Ion Ratio Lower Upper
106 100
91 198.6 160.1 240.1

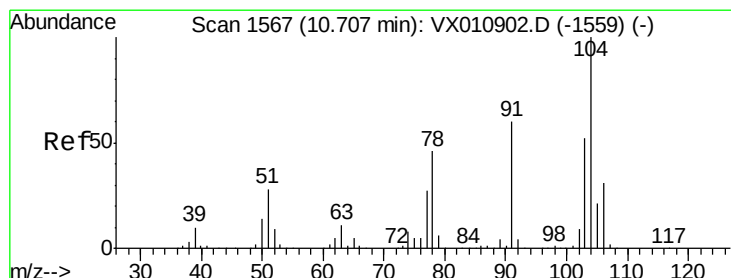
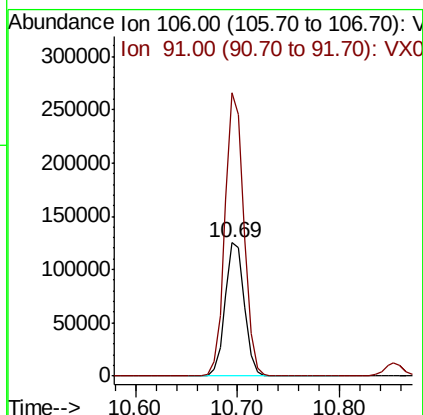
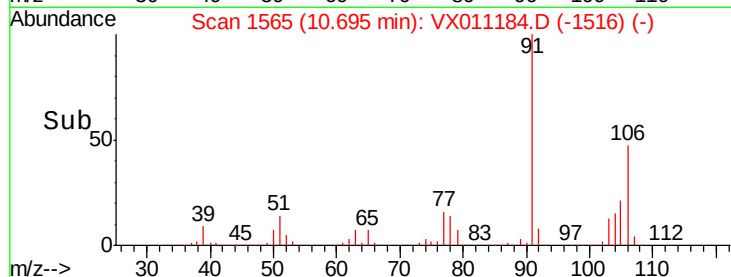
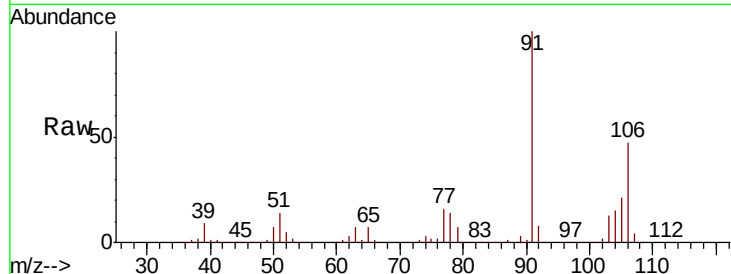




#69
o-Xylene
Concen: 51.885 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

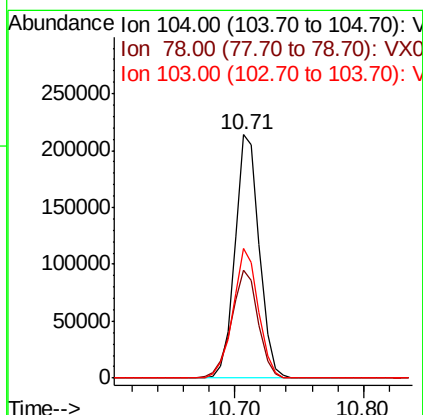
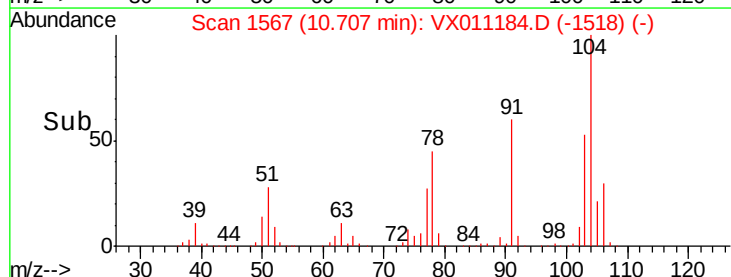
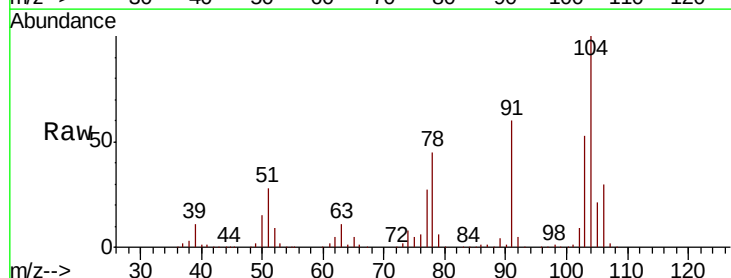
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

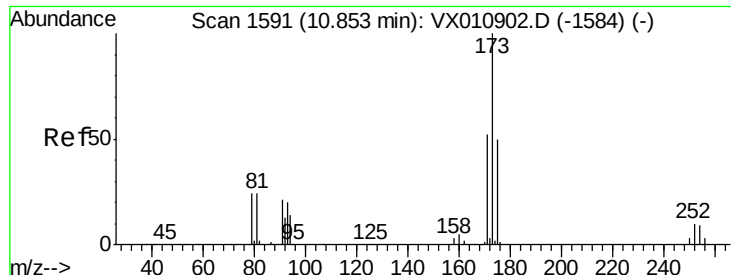
Tot Ion:106 Resp: 163504
Ion Ratio Lower Upper
106 100
91 208.0 105.1 315.3



#70
Styrene
Concen: 53.270 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Tgt Ion:104 Resp: 279838
Ion Ratio Lower Upper
104 100
78 48.7 38.8 58.2
103 55.9 44.2 66.4





#71

Bromoform

Concen: 49.122 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

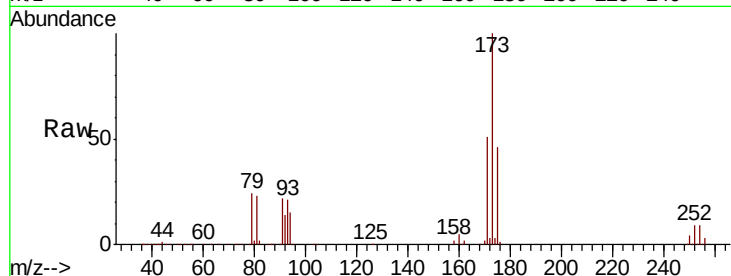
Tot Ion:173 Resp: 77663

Ion Ratio Lower Upper

173 100

175 48.0 24.6 73.6

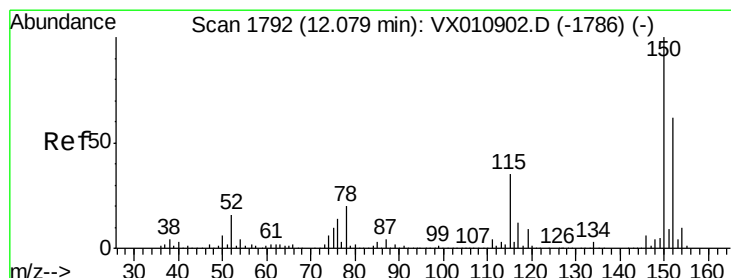
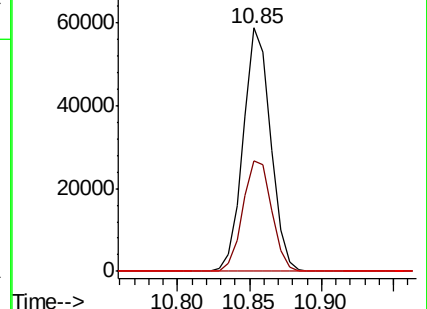
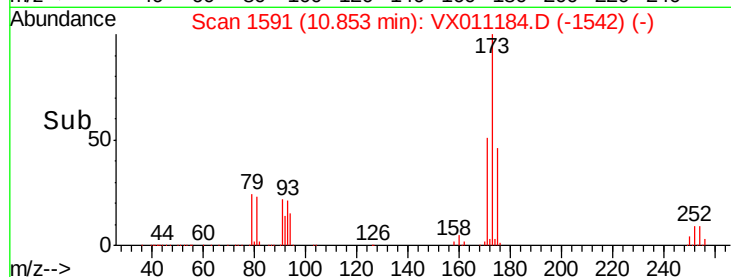
254 0.1 0.1 0.1



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: VX011184.D

Acq: 30 Jul 2019 07:24

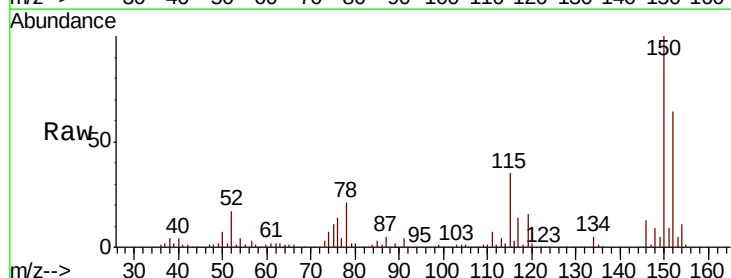
Tgt Ion:152 Resp: 131262

Ion Ratio Lower Upper

152 100

115 79.6 39.7 119.1

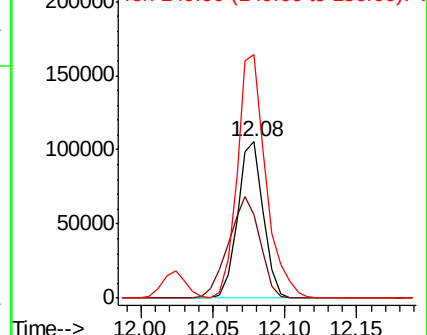
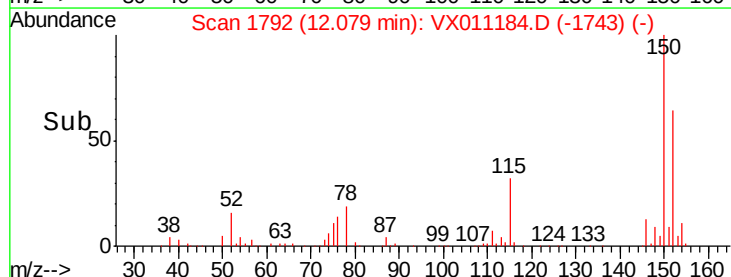
150 173.2 0.0 345.6

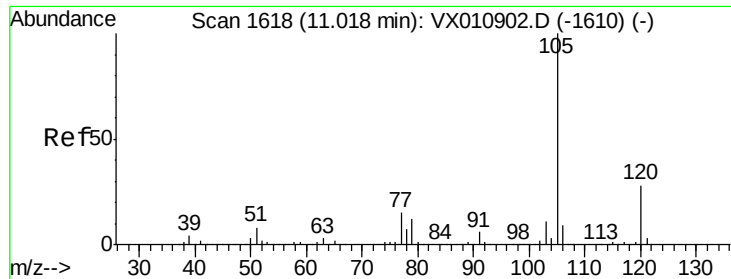


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

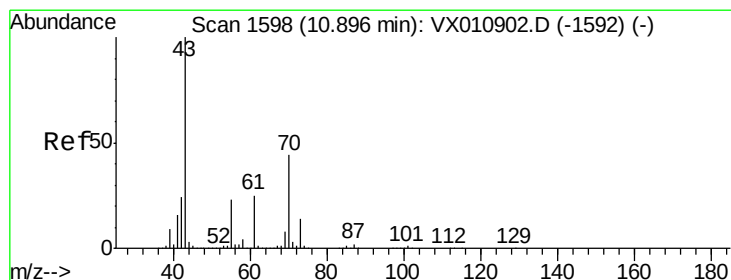
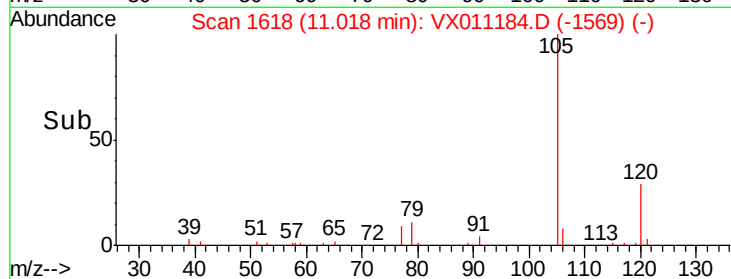
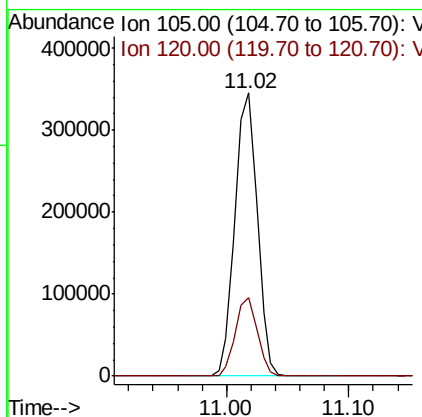
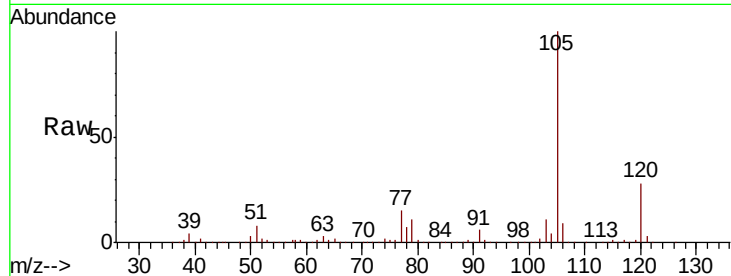




#73
Isopropylbenzene
Concen: 49.123 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

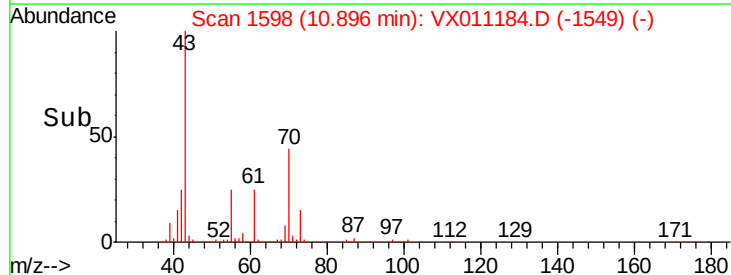
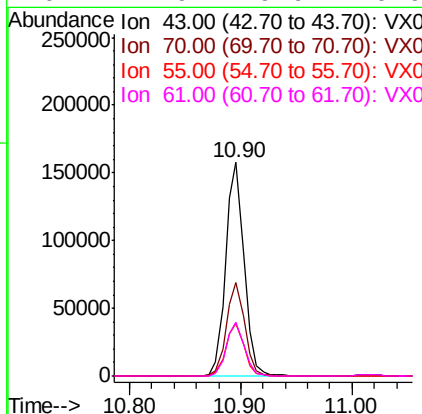
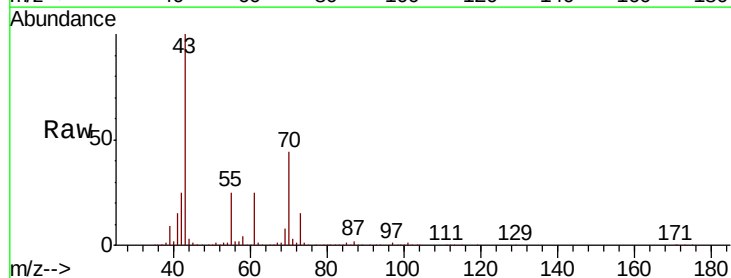
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

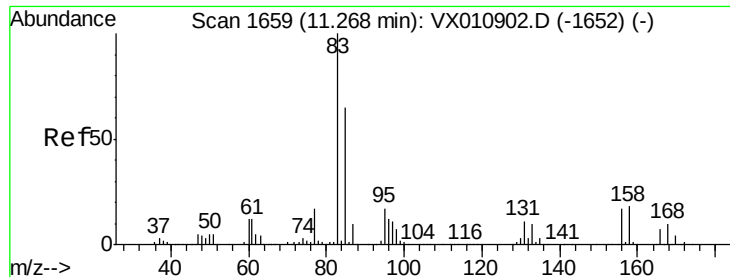
Tot Ion:105 Resp: 435689
Ion Ratio Lower Upper
105 100
120 27.4 13.7 41.1



#74
N-ethyl acetate
Concen: 52.950 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Tgt Ion: 43 Resp: 179442
Ion Ratio Lower Upper
43 100
70 43.7 34.7 52.1
55 24.8 19.1 28.7
61 24.9 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 52.725 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

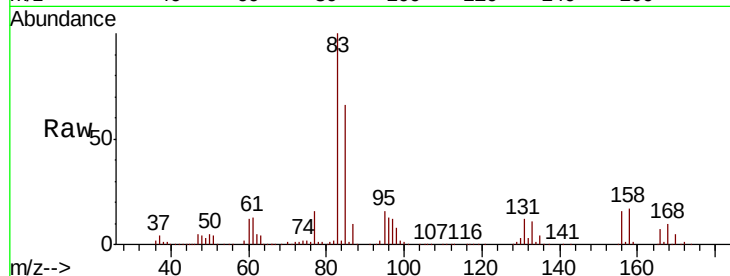
Tot Ion: 83 Resp: 153038

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.4

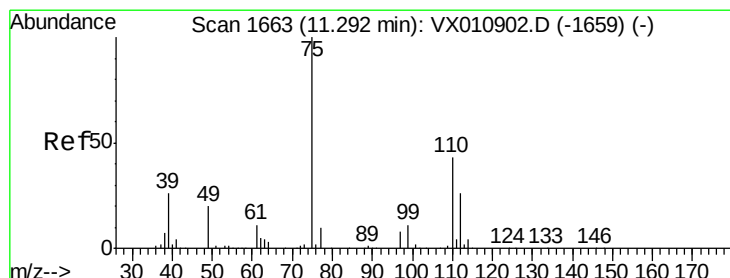
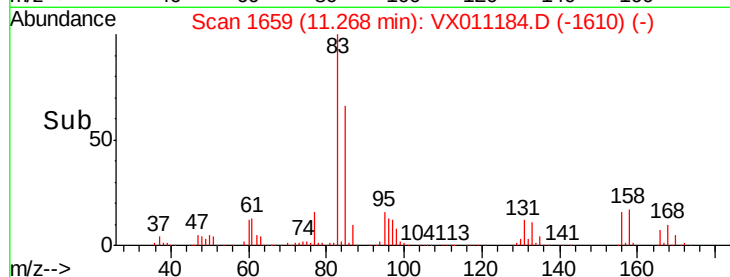
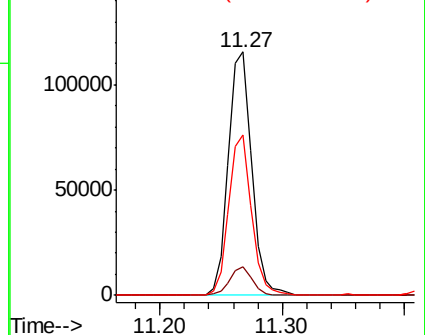
85 64.4 32.3 96.9



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: 66.467 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011184.D

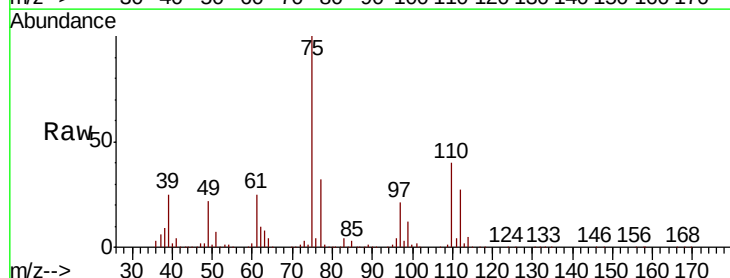
Acq: 30 Jul 2019 07:24

Tgt Ion: 75 Resp: 157441

Ion Ratio Lower Upper

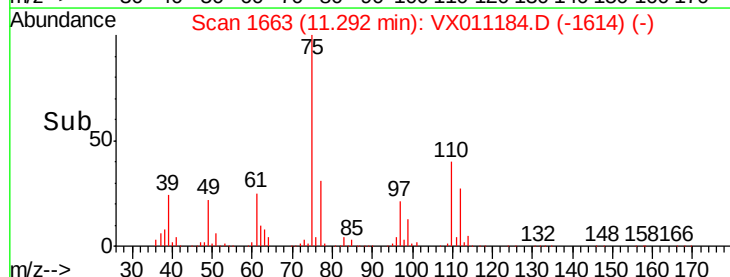
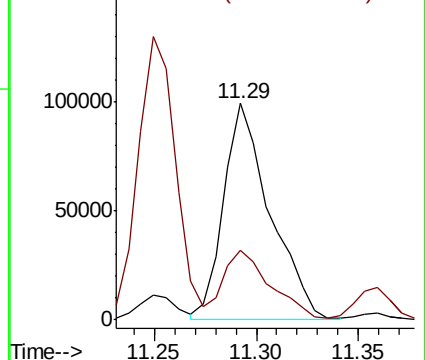
75 100

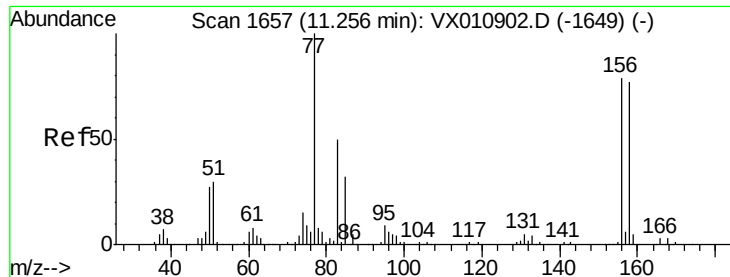
77 32.8 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.263 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

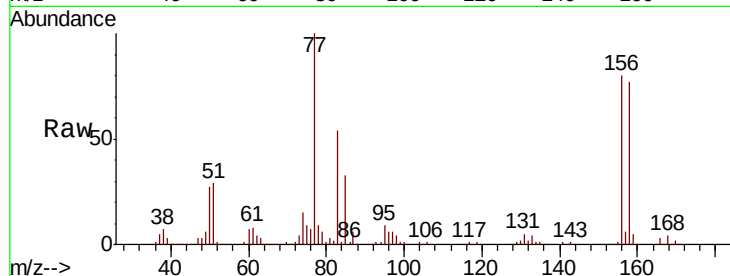
Tot Ion:156 Resp: 120521

Ion Ratio Lower Upper

156 100

77 138.2 68.7 206.1

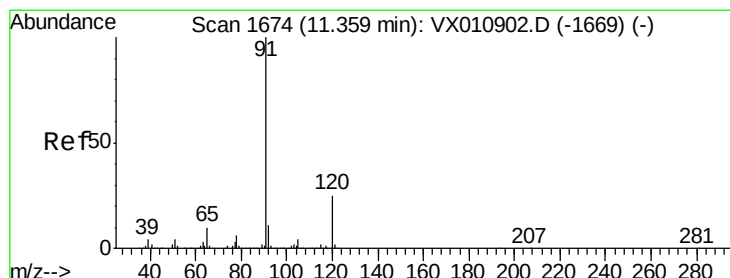
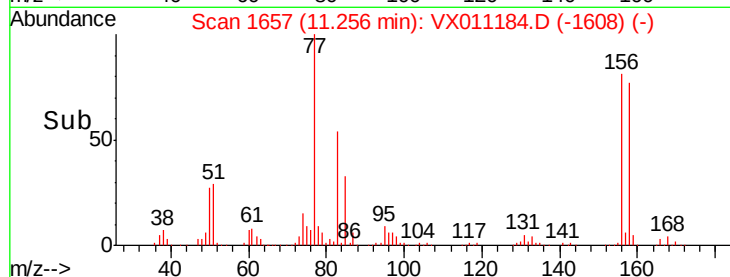
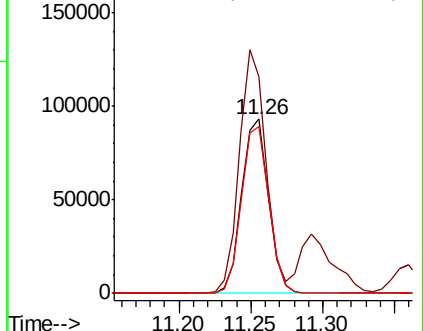
158 97.6 47.9 143.7



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: 49.551 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011184.D

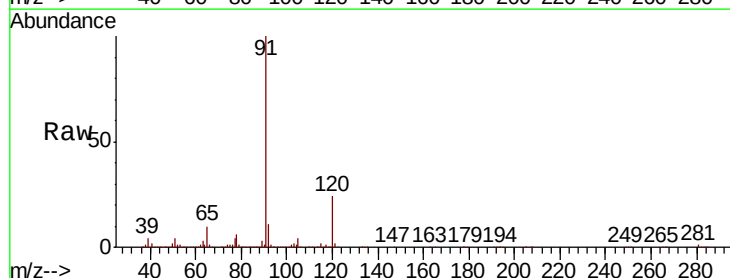
Acq: 30 Jul 2019 07:24

Tgt Ion: 91 Resp: 485598

Ion Ratio Lower Upper

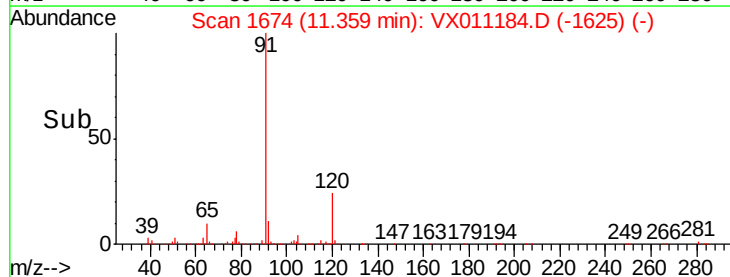
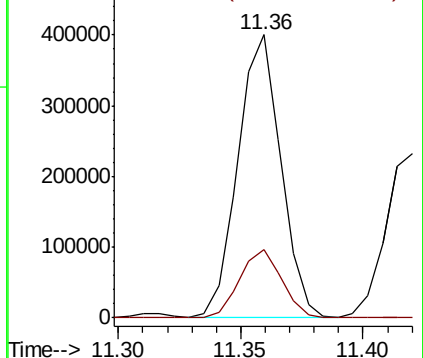
91 100

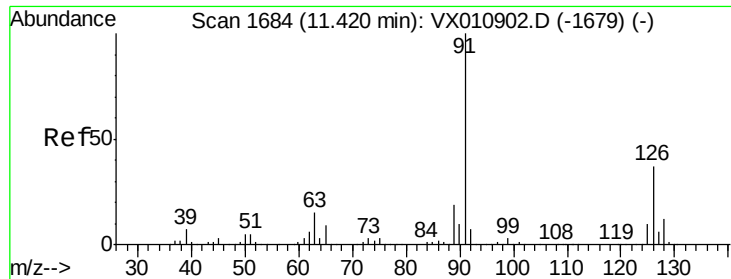
120 23.9 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.732 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

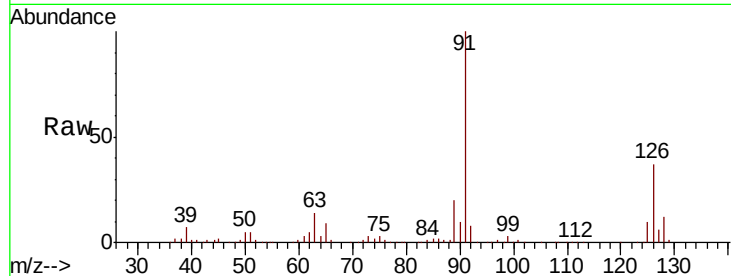
VSTDCCC050EC

Tot Ion: 91 Resp: 292775

Ion Ratio Lower Upper

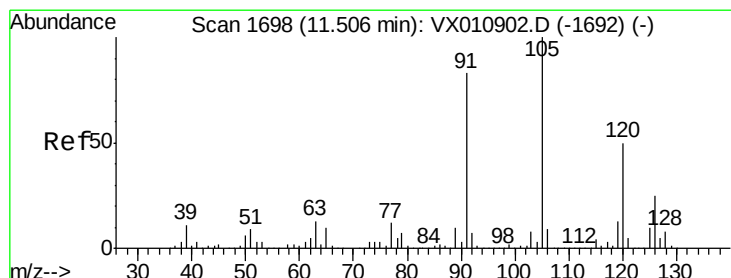
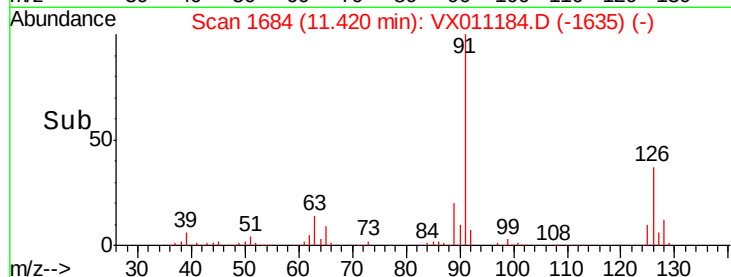
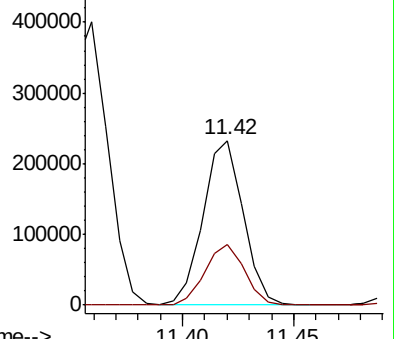
91 100

126 36.5 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.827 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011184.D

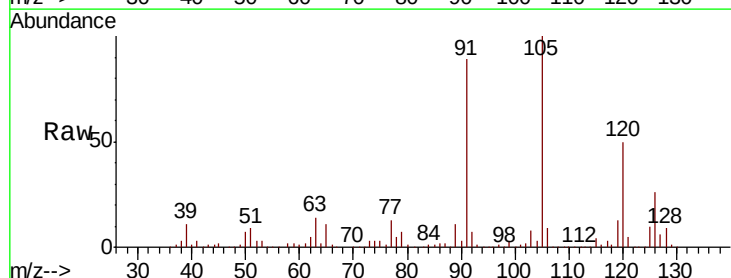
Acq: 30 Jul 2019 07:24

Tgt Ion:105 Resp: 369280

Ion Ratio Lower Upper

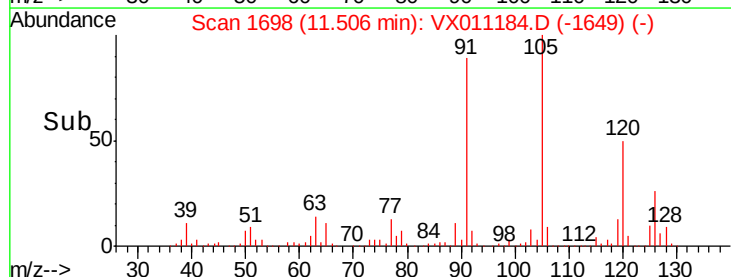
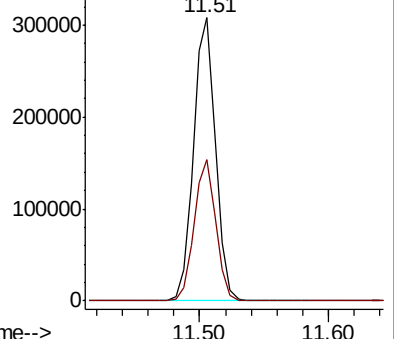
105 100

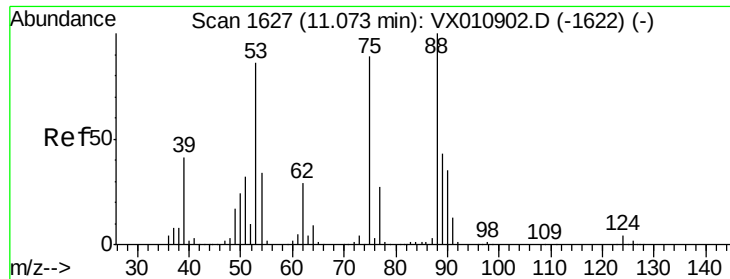
120 49.4 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 39.319 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

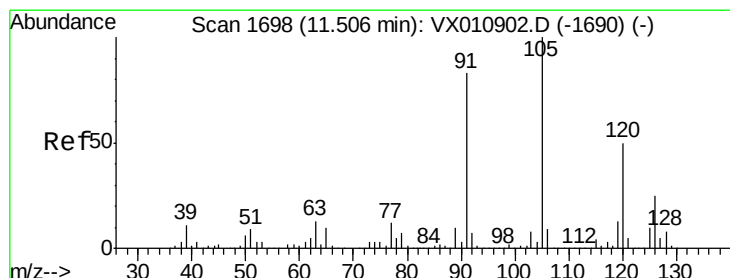
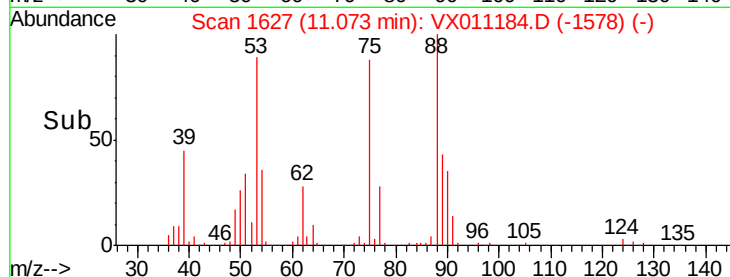
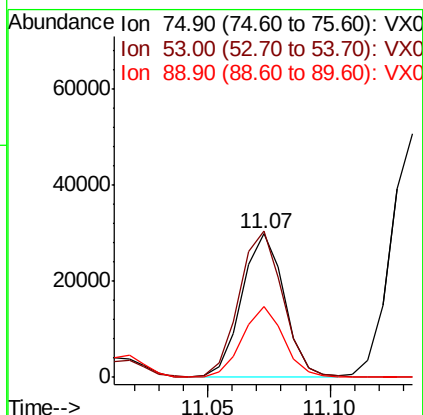
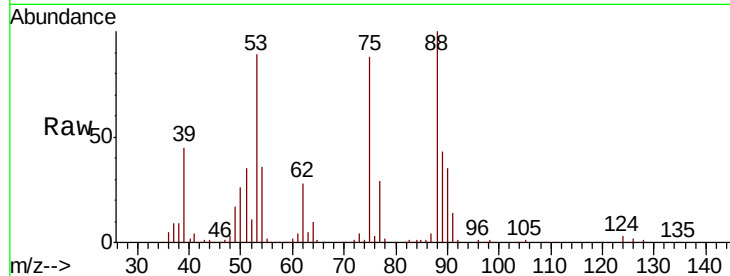
Tot Ion: 75 Resp: 35897

Ion Ratio Lower Upper

75 100

53 104.3 76.7 115.1

89 48.4 38.5 57.7



#82

4-Chlorotoluene

Concen: 49.888 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011184.D

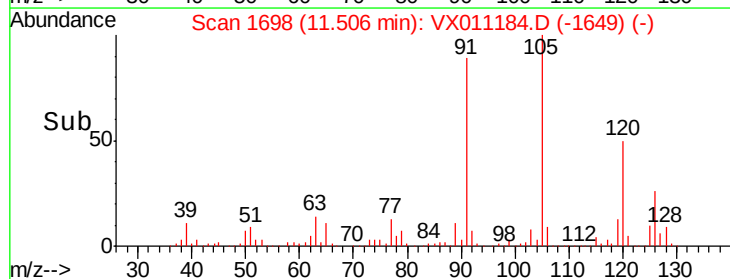
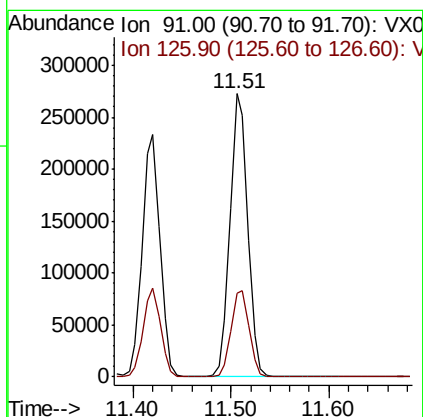
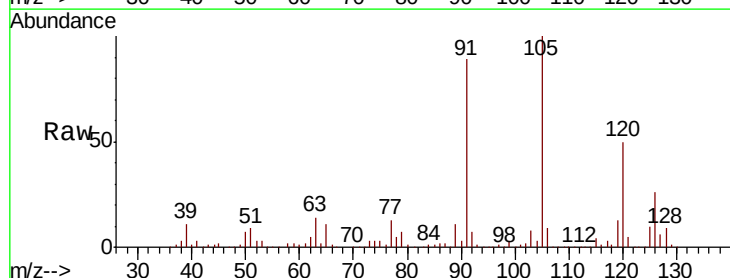
Acq: 30 Jul 2019 07:24

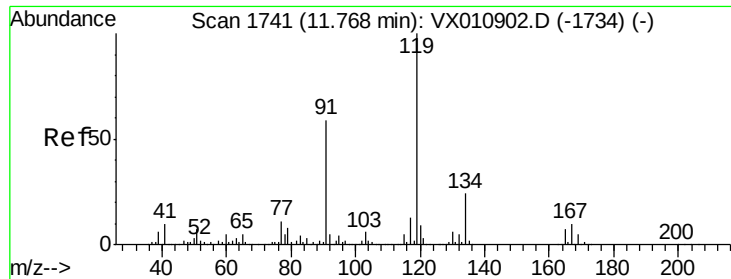
Tgt Ion: 91 Resp: 341827

Ion Ratio Lower Upper

91 100

126 31.3 15.9 47.7

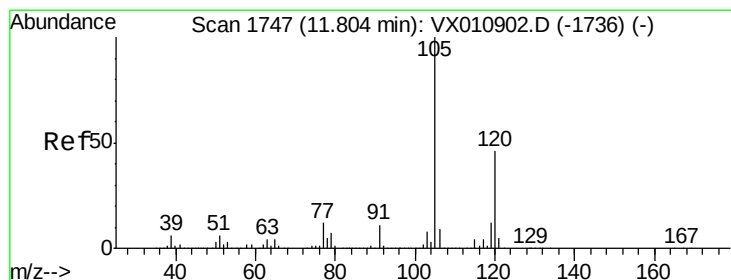
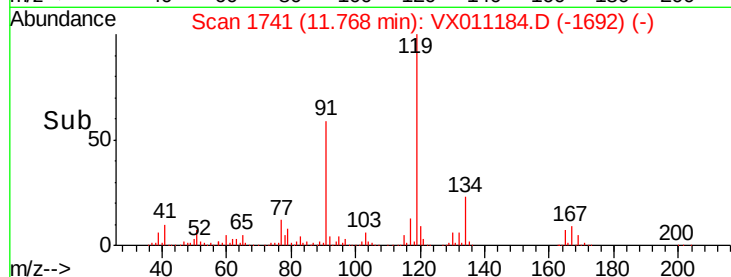
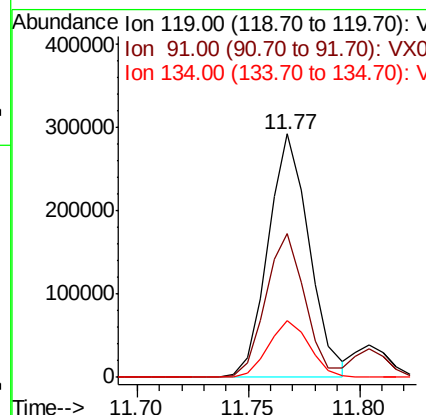
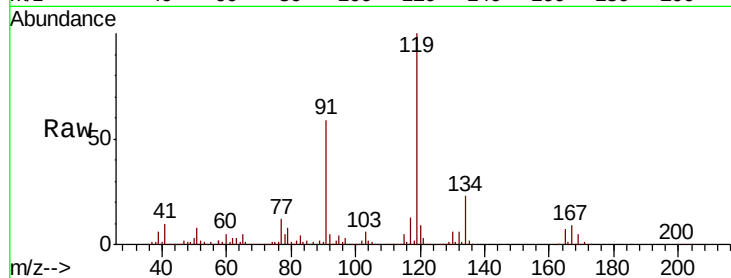




#83
 tert-Butylbenzene
 Concen: 51.309 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX011184.D
 Acq: 30 Jul 2019 07:24

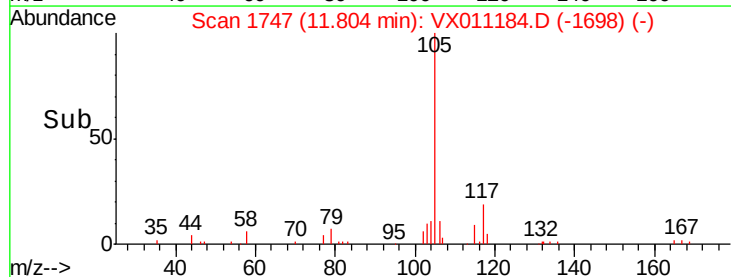
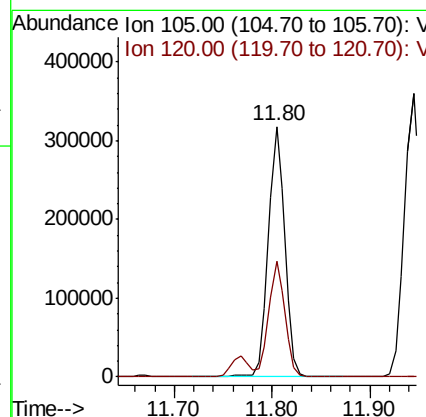
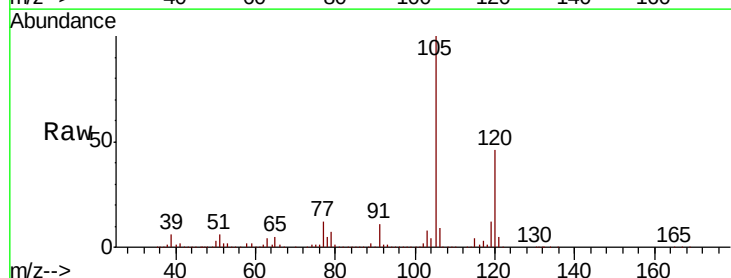
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

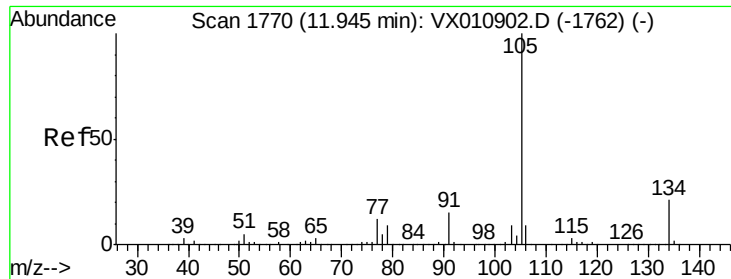
Tot Ion:119 Resp: 373511
 Ion Ratio Lower Upper
 119 100
 91 56.9 28.6 85.8
 134 23.1 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 50.328 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX011184.D
 Acq: 30 Jul 2019 07:24

Tgt Ion:105 Resp: 375943
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.9 68.5





#85

sec-Butylbenzene

Concen: 50.676 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

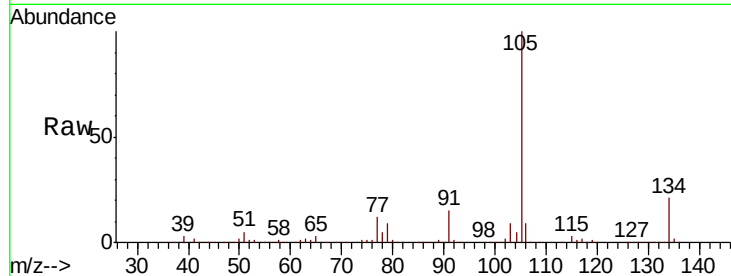
VSTDCCC050EC

Tot Ion:105 Resp: 432257

Ion Ratio Lower Upper

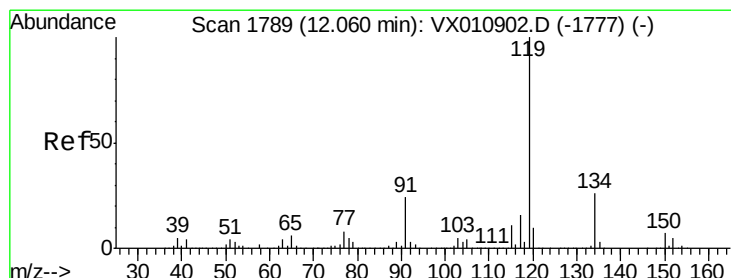
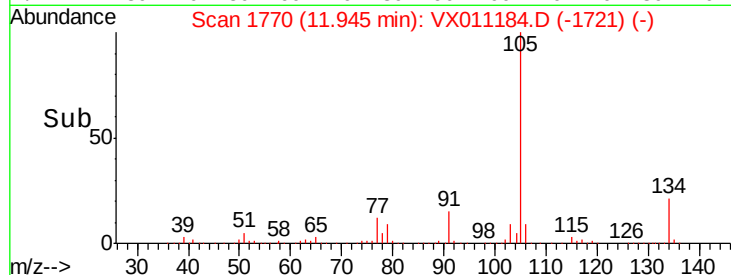
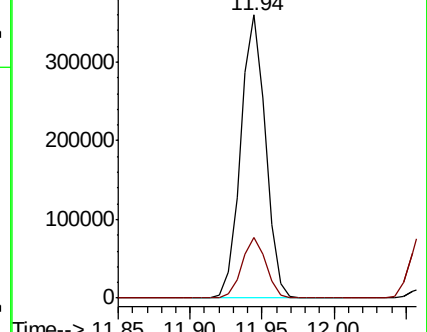
105 100

134 20.7 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.193 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

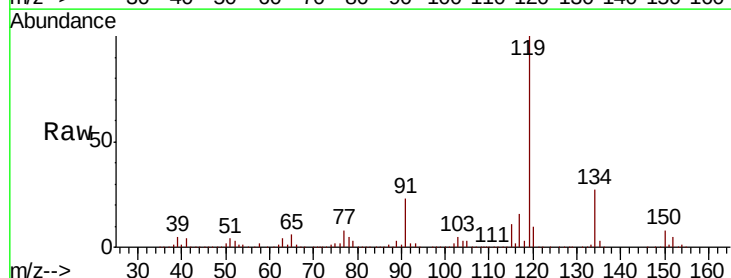
Tgt Ion:119 Resp: 403704

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

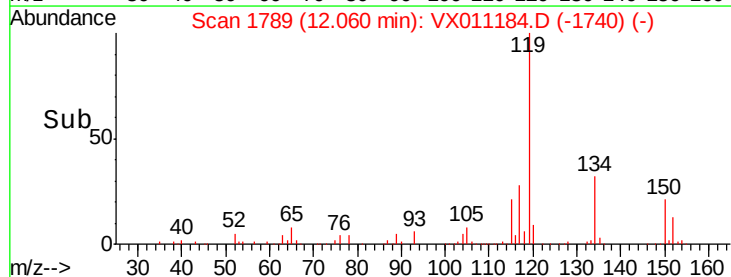
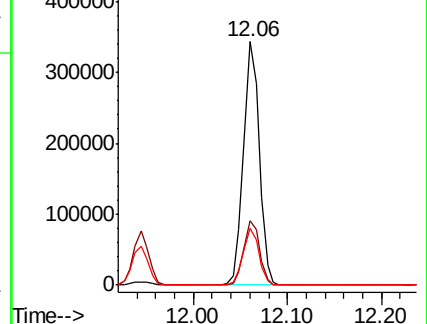
91 23.4 11.8 35.4

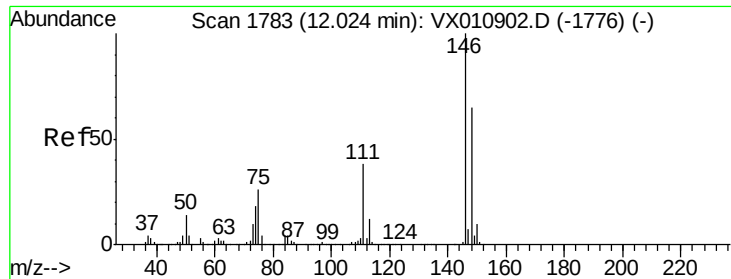


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

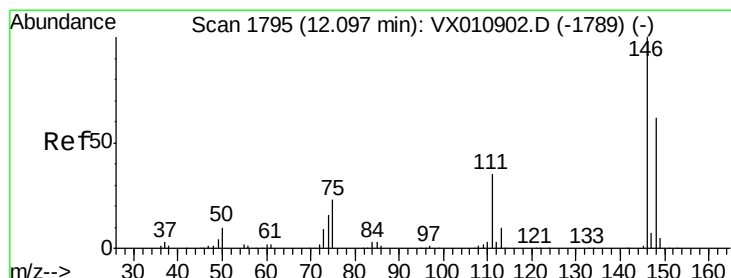
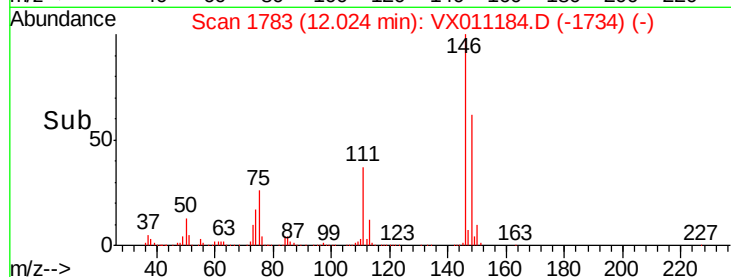
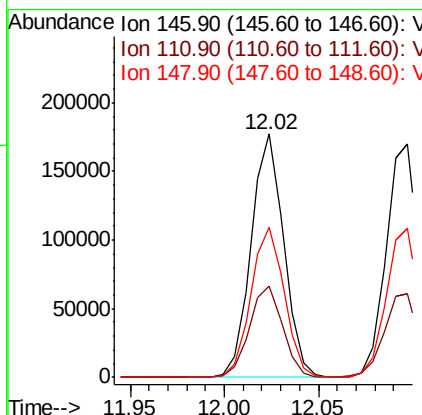
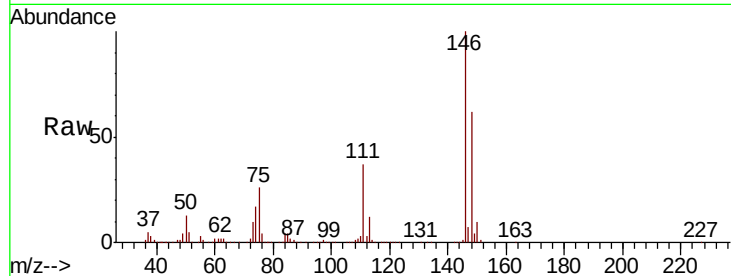




#87
 1,3-Dichlorobenzene
 Concen: 50.187 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011184.D
 Acq: 30 Jul 2019 07:24

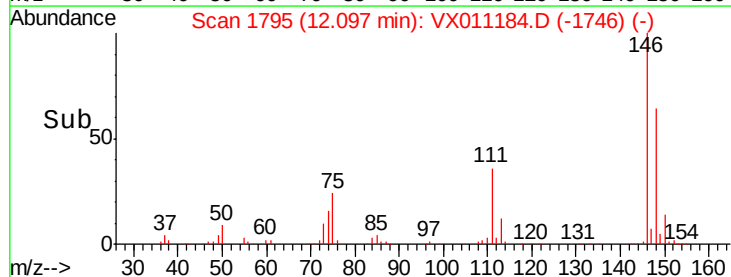
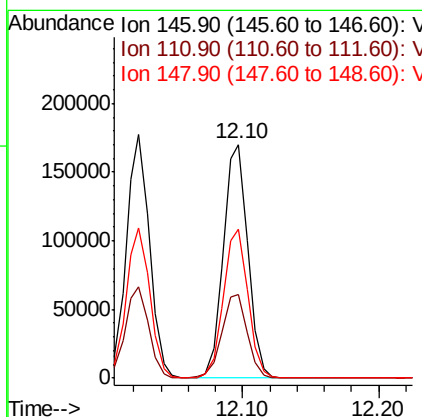
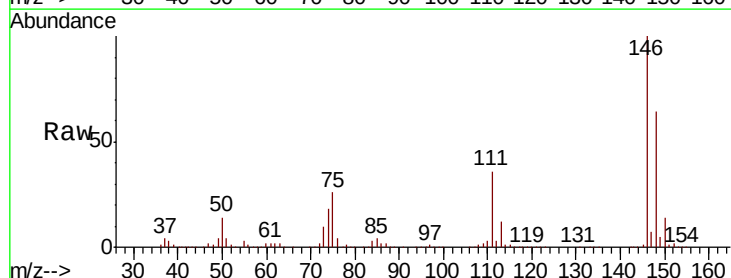
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

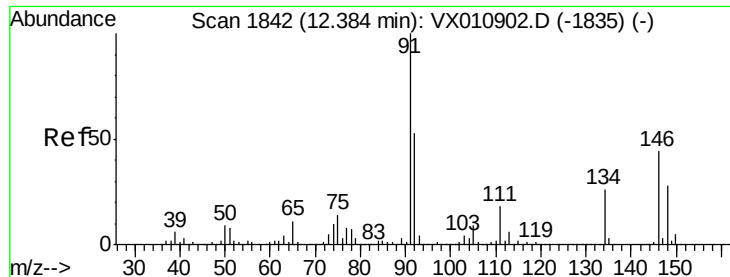
Tot Ion:146 Resp: 213078
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.9 56.9
 148 62.9 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 48.665 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011184.D
 Acq: 30 Jul 2019 07:24

Tgt Ion:146 Resp: 211904
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.6 55.8
 148 64.1 31.6 94.7





#89

n-Butylbenzene

Concen: 49.740 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

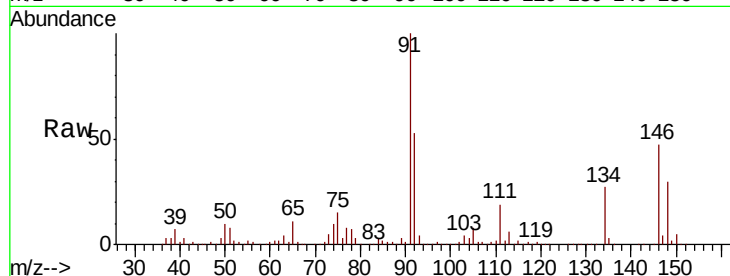
Tot Ion: 91 Resp: 335574

Ion Ratio Lower Upper

91 100

92 52.1 26.2 78.5

134 27.3 13.8 41.3

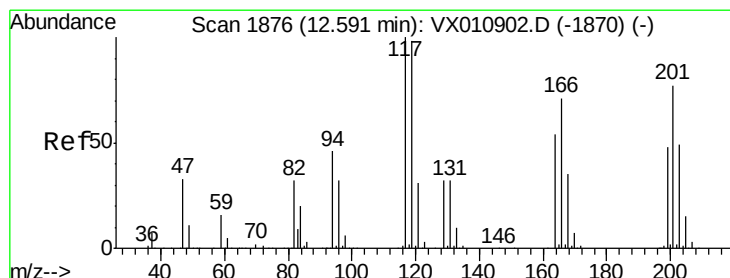
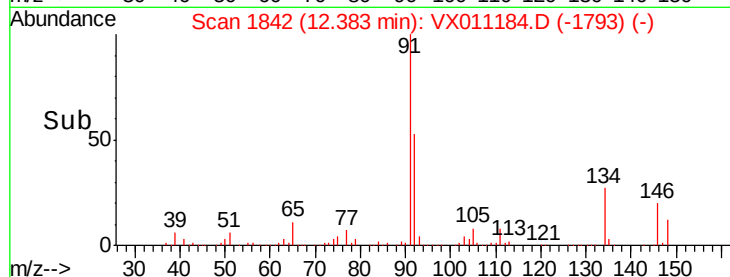
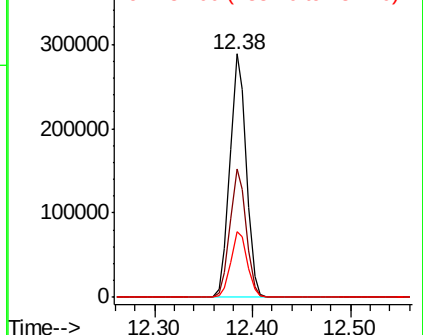


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 52.409 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VX011184.D

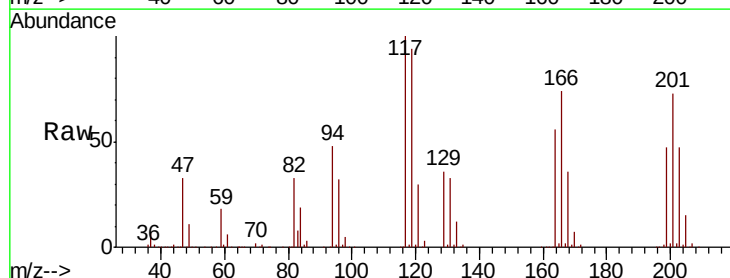
Acq: 30 Jul 2019 07:24

Tgt Ion: 117 Resp: 65187

Ion Ratio Lower Upper

117 100

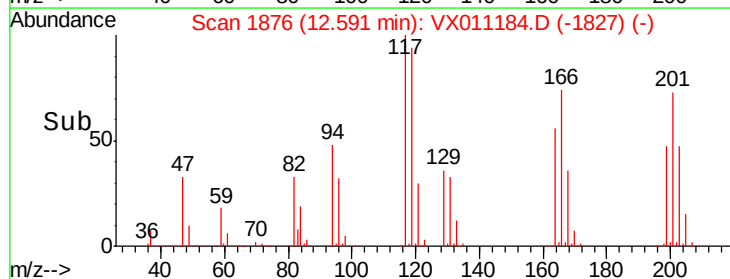
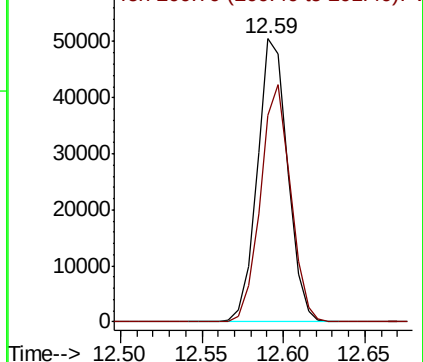
201 82.7 43.3 129.8

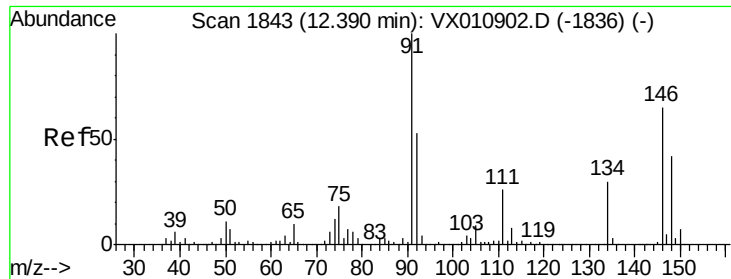


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 50.173 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

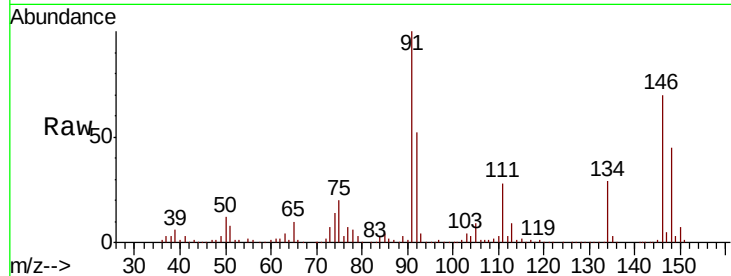
Tot Ion:146 Resp: 211117

Ion Ratio Lower Upper

146 100

111 39.8 19.9 59.7

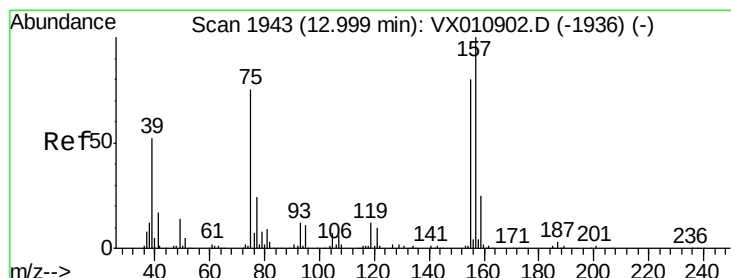
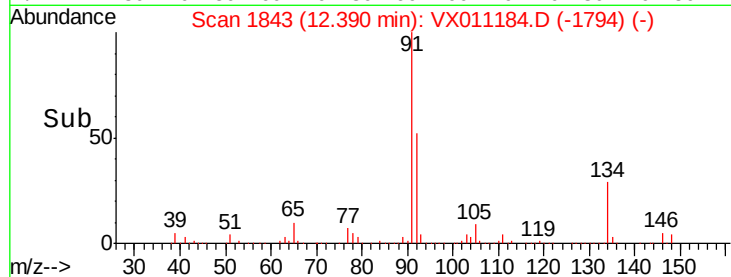
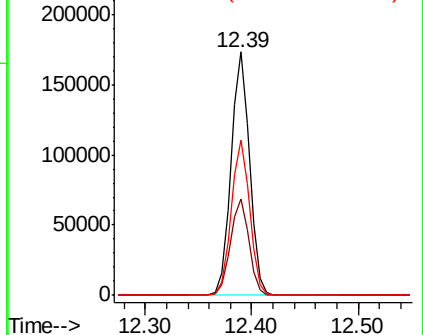
148 63.7 32.0 96.2



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: 53.881 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

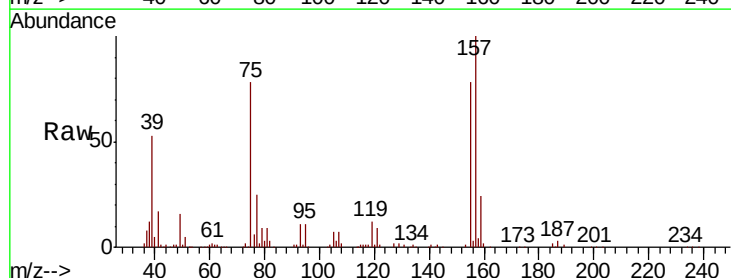
Tgt Ion: 75 Resp: 32691

Ion Ratio Lower Upper

75 100

155 96.2 48.7 146.1

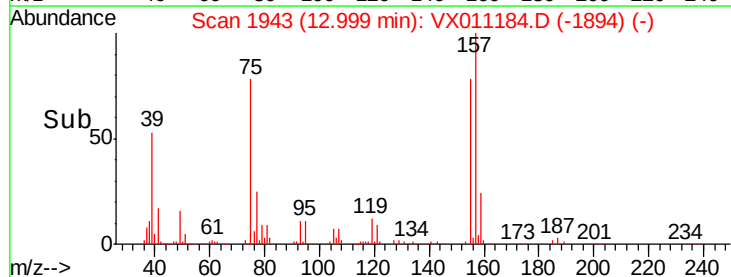
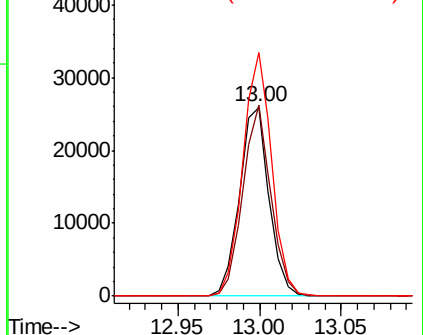
157 125.6 62.5 187.6

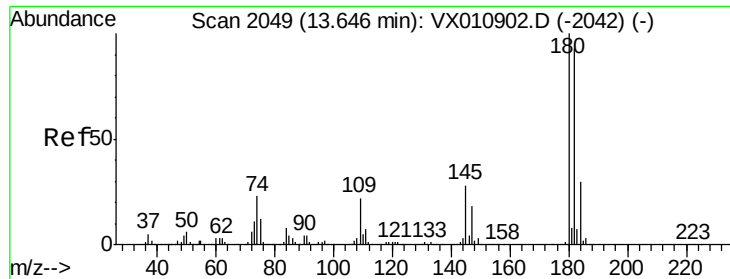


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

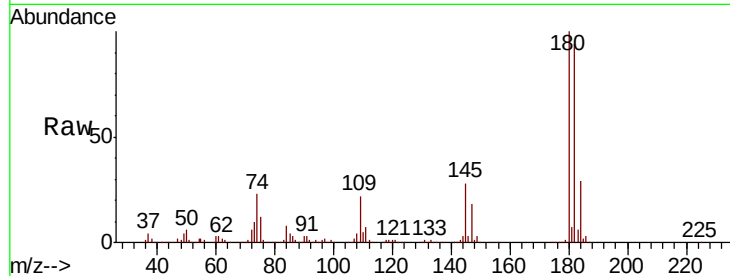




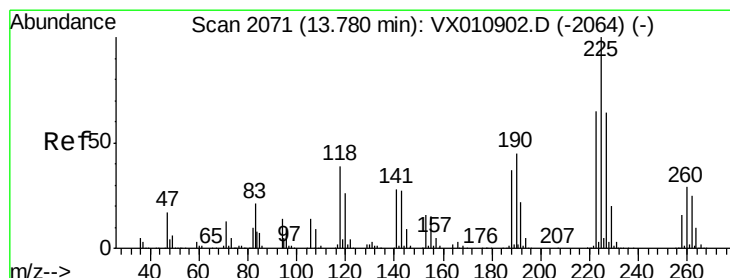
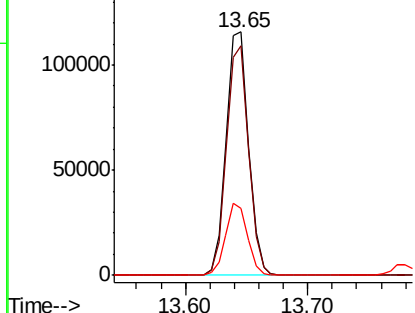
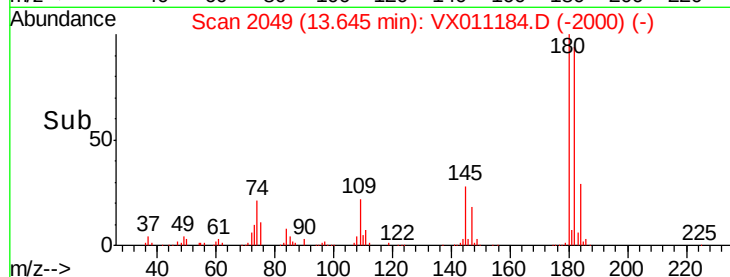
#93
 1,2,4-Trichlorobenzene
 Concen: 51.216 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX011184.D
 Acq: 30 Jul 2019 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 146050
 Ion Ratio Lower Upper
 180 100
 182 93.1 47.1 141.3
 145 28.8 14.8 44.4

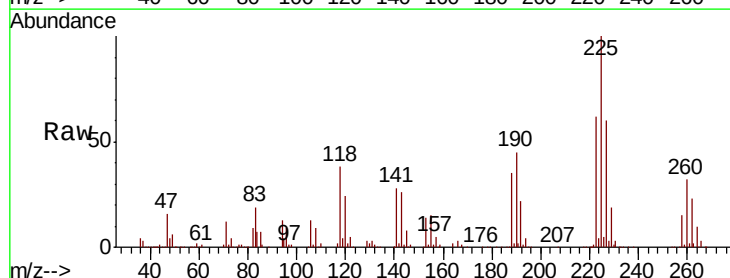


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

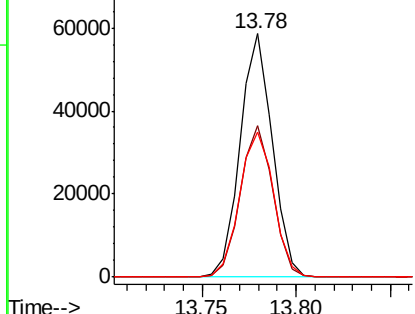
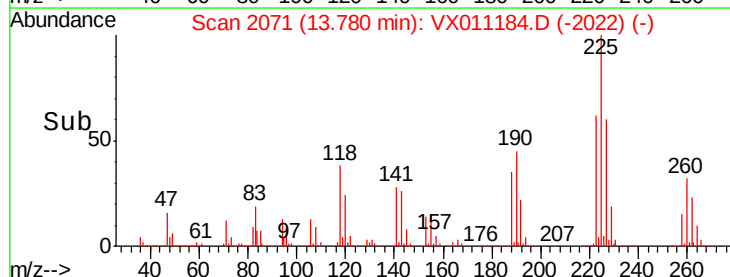


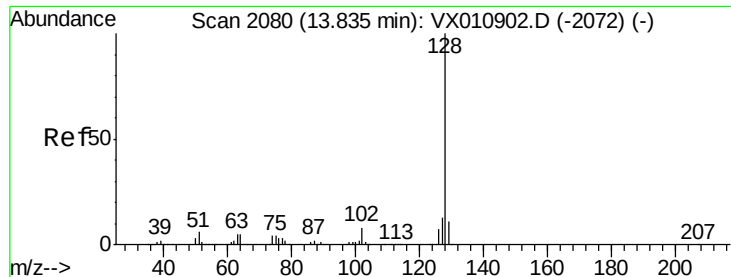
#94
 Hexachlorobutadiene
 Concen: 49.150 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011184.D
 Acq: 30 Jul 2019 07:24

Tgt Ion:225 Resp: 69456
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.9 95.9
 227 62.9 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

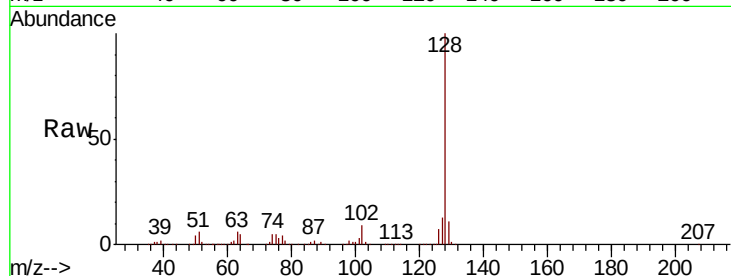




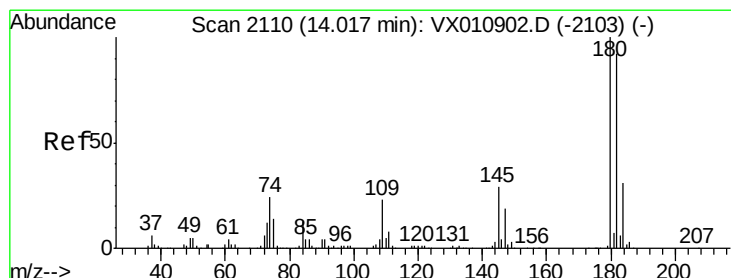
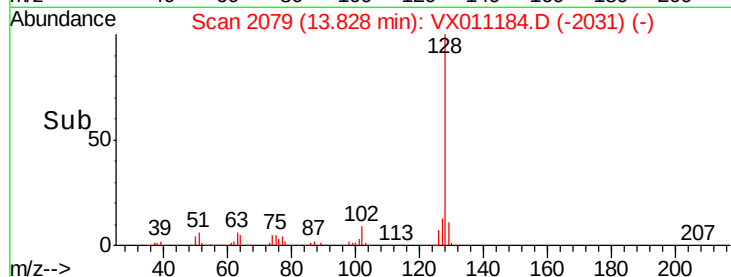
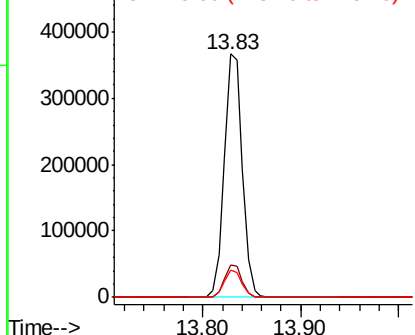
#95
Naphthalene
Concen: 55.313 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 465772
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.0 8.9 13.3

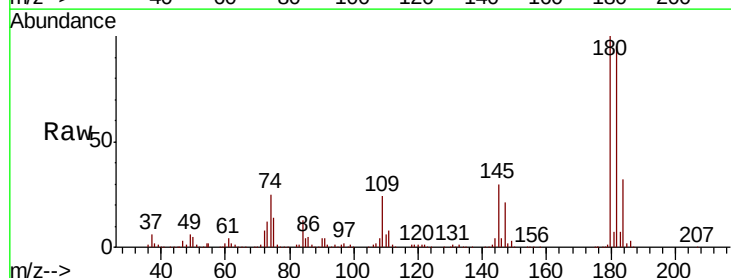


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 52.190 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Tgt Ion:180 Resp: 148083
Ion Ratio Lower Upper
180 100
182 94.9 47.4 142.3
145 31.3 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

