

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072219\
 Data File : VX011019.D
 Acq On : 22 Jul 2019 10:21
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 23 03:41:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 20 04:05:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	219896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	325070	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	307777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168396	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	118128	50.50	ug/l	0.00
Spiked Amount			Recovery	=	101.00%	
35) Dibromofluoromethane	5.49	113	104819	50.80	ug/l	0.00
Spiked Amount			Recovery	=	101.60%	
50) Toluene-d8	8.71	98	381416	49.29	ug/l	0.00
Spiked Amount			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	11.13	95	151237	53.17	ug/l	0.00
Spiked Amount			Recovery	=	106.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	111043	47.386	ug/l	99
3) Chloromethane	1.32	50	92106	45.548	ug/l	99
4) Vinyl Chloride	1.41	62	97355	47.200	ug/l	99
5) Bromomethane	1.64	94	50492	43.441	ug/l	99
6) Chloroethane	1.71	64	61069	46.591	ug/l	95
7) Trichlorofluoromethane	1.92	101	171403	49.092	ug/l	95
8) Diethyl Ether	2.19	74	59487	49.450	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	98959	49.640	ug/l	99
10) Methyl Iodide	2.51	142	122850	46.960	ug/l	99
11) Tert butyl alcohol	3.04	59	131400	241.183	ug/l	98
12) 1,1-Dichloroethene	2.37	96	94027	48.005	ug/l	98
13) Acrolein	2.29	56	82997	263.671	ug/l	99
14) Allyl chloride	2.72	41	143354	50.387	ug/l	100
15) Acrylonitrile	3.14	53	277980	252.502	ug/l	100
16) Acetone	2.44	43	294101	278.355	ug/l	98
17) Carbon Disulfide	2.57	76	229837	45.745	ug/l	99
18) Methyl Acetate	2.77	43	122148	50.772	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	335331	53.182	ug/l	98
20) Methylene Chloride	2.85	84	107247	47.898	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	99813	48.028	ug/l	96
22) Diisopropyl ether	3.85	45	302105	50.348	ug/l	92
23) Vinyl Acetate	3.81	43	1369894	269.448	ug/l	99
24) 1,1-Dichloroethane	3.69	63	169027	48.505	ug/l	99
25) 2-Butanone	4.67	43	409792	270.188	ug/l	99
26) 2,2-Dichloropropane	4.57	77	147678	51.613	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	116973	48.633	ug/l	100
28) Bromochloromethane	5.01	49	83248	50.695	ug/l	100
29) Tetrahydrofuran	5.12	42	241517	251.389	ug/l	100
30) Chloroform	5.21	83	188405	50.020	ug/l	99
31) Cyclohexane	5.57	56	148526	46.761	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	164581	50.505	ug/l	100
36) 1,1-Dichloropropene	5.79	75	133367	49.947	ug/l	99
37) Ethyl Acetate	4.83	43	144582	52.880	ug/l	98
38) Carbon Tetrachloride	5.78	117	147455	52.995	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	171505	49.530	ug/l	98
40) Benzene	6.13	78	404008	49.394	ug/l	99
41) Methacrylonitrile	5.04	41	80165	51.649	ug/l	97
42) 1,2-Dichloroethane	6.19	62	151697	53.341	ug/l	98
43) Isopropyl Acetate	6.43	43	241953	53.818	ug/l	99
44) Trichloroethene	7.21	130	118020	48.747	ug/l	93
45) 1,2-Dichloropropane	7.51	63	104095	50.003	ug/l	97
46) Dibromomethane	7.66	93	79721	53.592	ug/l	100
47) Bromodichloromethane	7.89	83	147511	55.707	ug/l	99
48) Methyl methacrylate	7.76	41	118364	54.044	ug/l	97
49) 1,4-Dioxane	7.74	88	62334	1017.484	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	781854	268.278	ug/l	100
52) Toluene	8.78	92	264017	49.136	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	165453	58.110	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	176330	55.655	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	117253	52.998	ug/l	99
56) Ethyl methacrylate	9.18	69	180792	55.866	ug/l	99
57) 1,3-Dichloropropane	9.37	76	182104	51.886	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	422400	273.428	ug/l	100
59) 2-Hexanone	9.49	43	614249	271.742	ug/l	100
60) Dibromochloromethane	9.58	129	133199	52.196	ug/l	99
61) 1,2-Dibromoethane	9.67	107	125938	53.638	ug/l	98
64) Tetrachloroethene	9.34	164	116134	47.965	ug/l	97
65) Chlorobenzene	10.13	112	308241	48.761	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	118420	53.301	ug/l	100
67) Ethyl Benzene	10.25	91	532281	49.469	ug/l	99
68) m/p-Xylenes	10.35	106	414521	100.431	ug/l	99
69) o-Xylene	10.69	106	201709	50.075	ug/l	99
70) Styrene	10.71	104	350108	52.139	ug/l	100
71) Bromoform	10.85	173	104455	51.553	ug/l #	99
73) Isopropylbenzene	11.02	105	543290	47.747	ug/l	100
74) N-amyl acetate	10.90	43	225623	51.896	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	184390	49.518	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	209066	68.799	ug/l	83
77) Bromobenzene	11.25	156	150194	47.854	ug/l	98
78) n-propylbenzene	11.36	91	613210	48.775	ug/l	100
79) 2-Chlorotoluene	11.42	91	369188	48.883	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	467356	49.155	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	59264	49.457	ug/l	99
82) 4-Chlorotoluene	11.51	91	431363	49.073	ug/l	99
83) tert-Butylbenzene	11.77	119	460279	49.285	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	471999	49.254	ug/l	100
85) sec-Butylbenzene	11.94	105	542569	49.581	ug/l	100
86) p-Isopropyltoluene	12.06	119	512924	50.700	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	268967	49.381	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	269307	48.209	ug/l	97
89) n-Butylbenzene	12.38	91	446459	51.583	ug/l	99
90) Hexachloroethane	12.59	117	85195	53.391	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	267708	49.593	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41228	52.967	ug/l	97

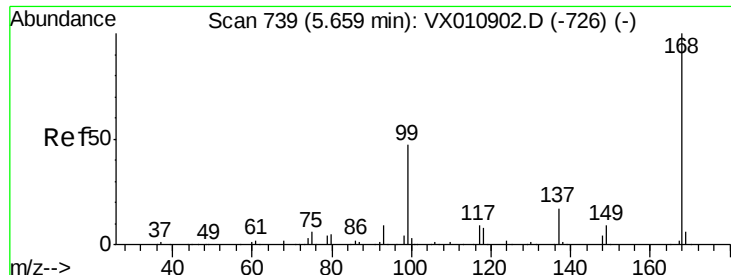
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	191895	52.454	ug/l	100
94) Hexachlorobutadiene	13.78	225	92614	51.086	ug/l	98
95) Naphthalene	13.83	128	573135	53.054	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	188551	51.799	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

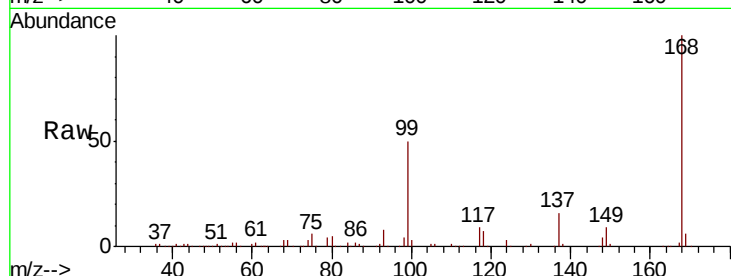
VSTDCCC050

Tot Ion:168 Resp: 219896

Ion Ratio Lower Upper

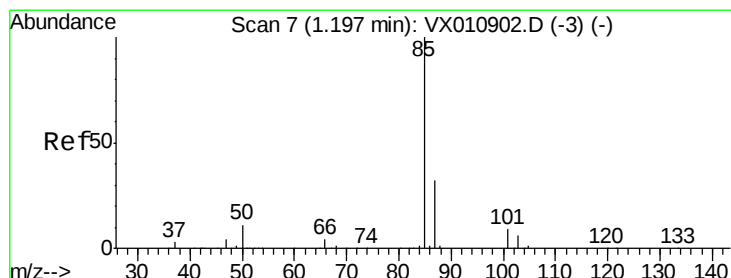
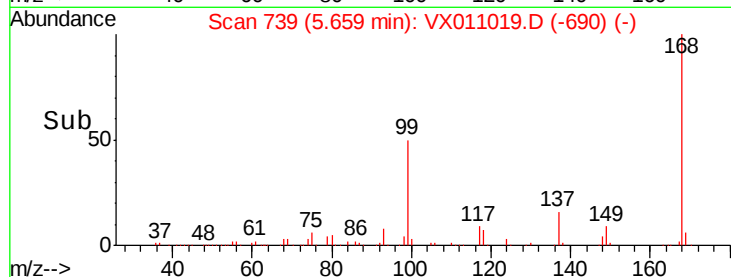
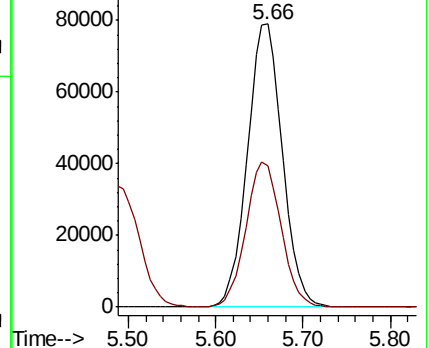
168 100

99 49.8 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 47.386 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011019.D

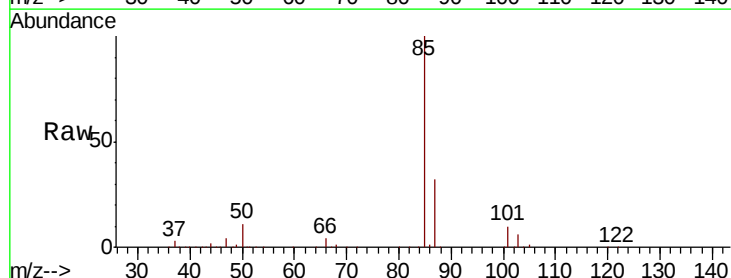
Acq: 22 Jul 2019 10:21

Tgt Ion: 85 Resp: 111043

Ion Ratio Lower Upper

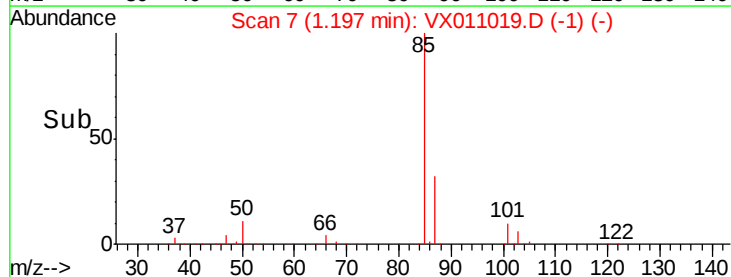
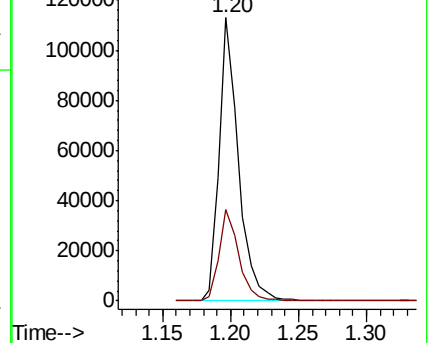
85 100

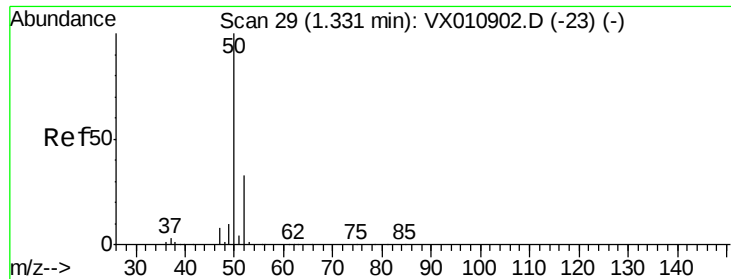
87 32.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.548 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

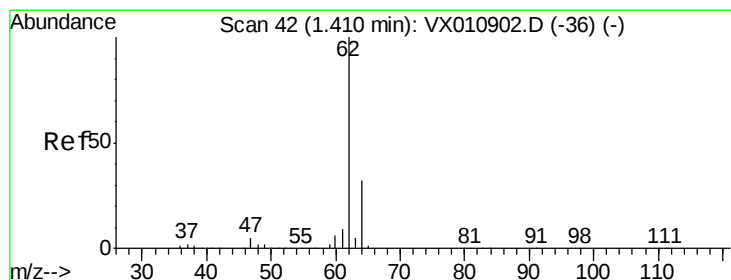
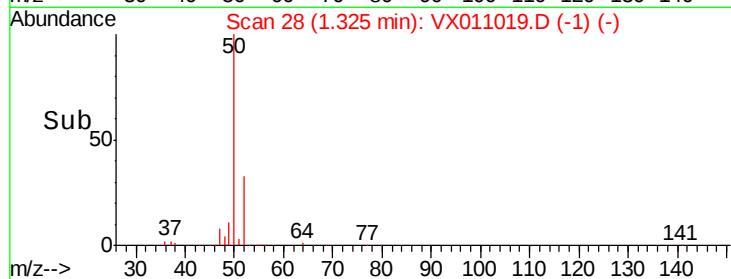
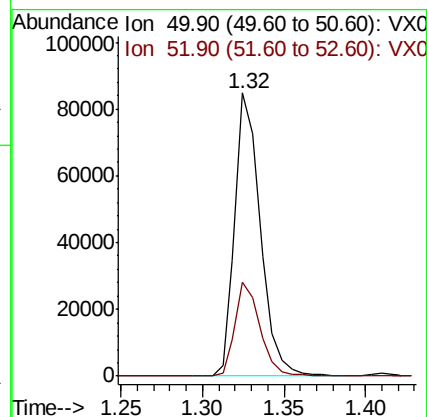
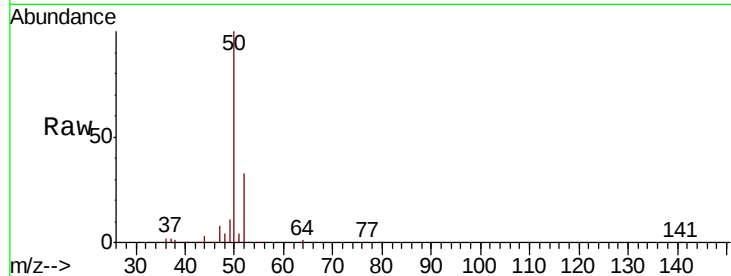
VSTDCCC050

Tot Ion: 50 Resp: 92106

Ion Ratio Lower Upper

50 100

52 33.3 26.4 39.6



#4

Vinyl Chloride

Concen: 47.200 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011019.D

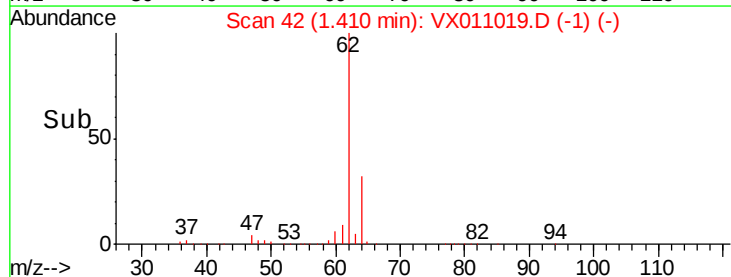
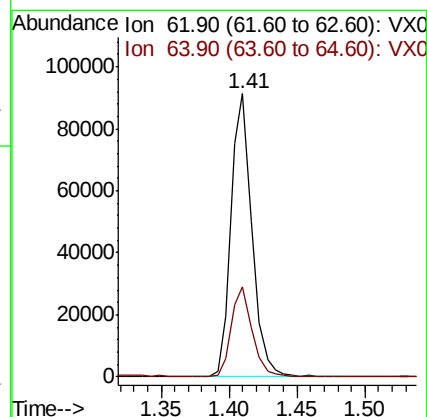
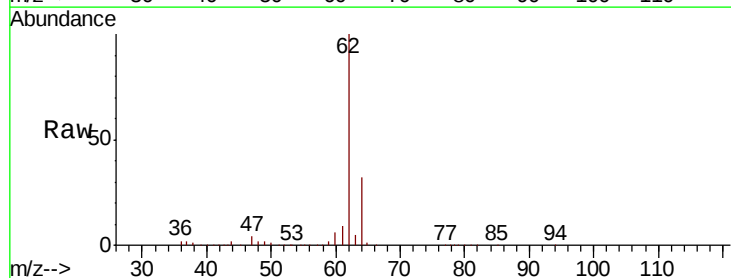
Acq: 22 Jul 2019 10:21

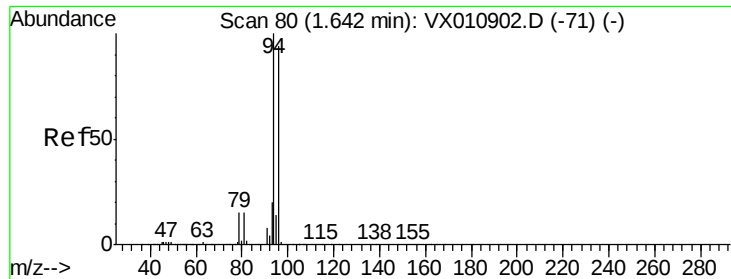
Tgt Ion: 62 Resp: 97355

Ion Ratio Lower Upper

62 100

64 31.6 25.7 38.5





#5

Bromomethane

Concen: 43.441 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

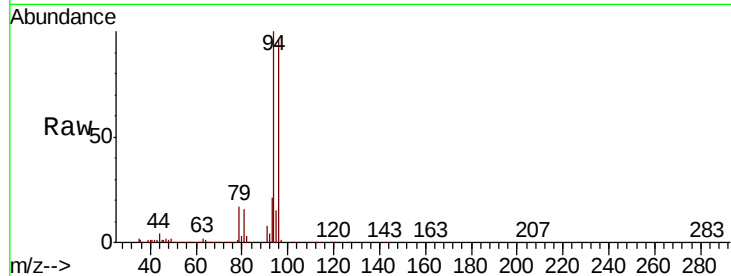
VSTDCCC050

Tot Ion: 94 Resp: 50492

Ion Ratio Lower Upper

94 100

96 95.7 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

60000

50000

40000

30000

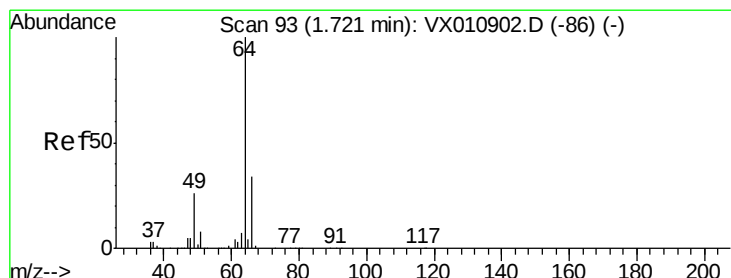
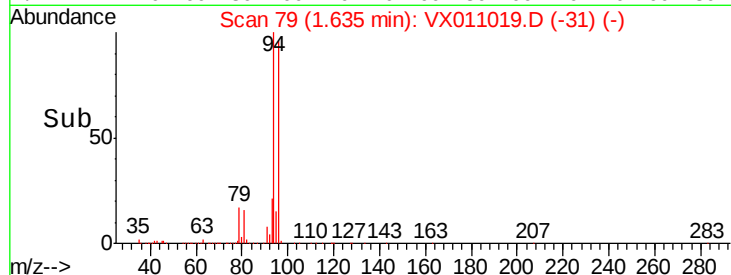
20000

10000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 46.591 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX011019.D

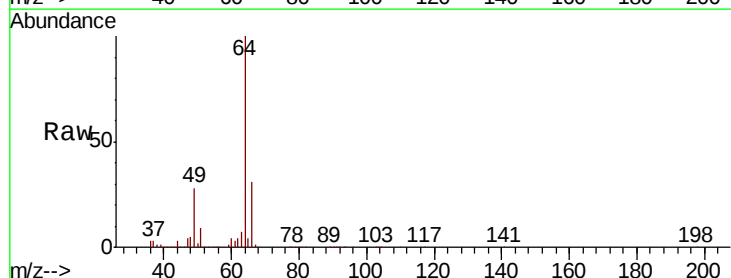
Acq: 22 Jul 2019 10:21

Tgt Ion: 64 Resp: 61069

Ion Ratio Lower Upper

64 100

66 30.9 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

50000

40000

30000

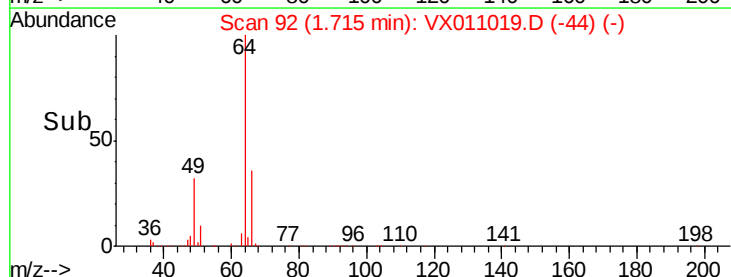
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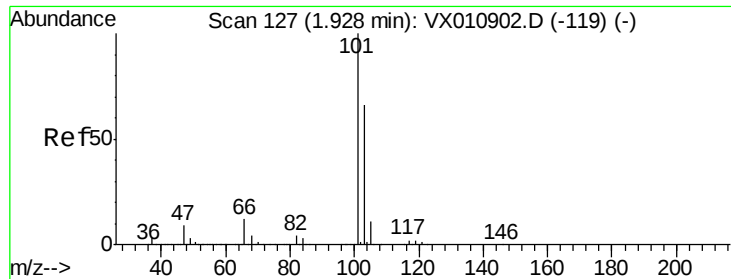
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Time-->

1.60 1.70 1.80



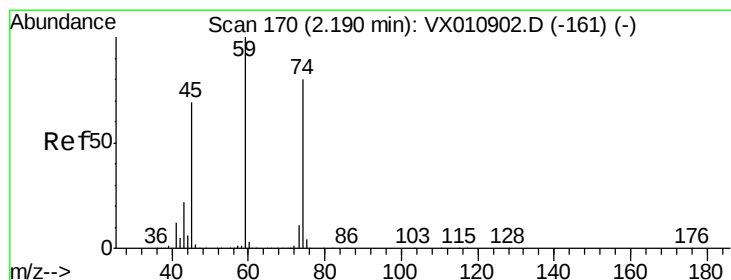
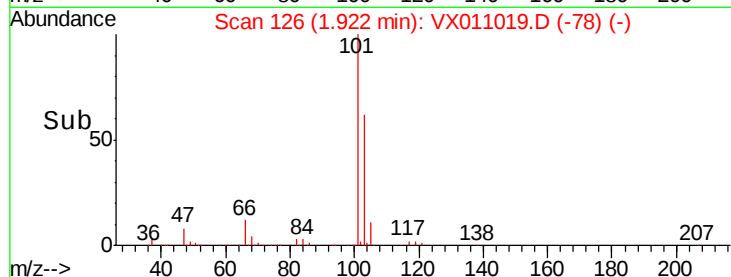
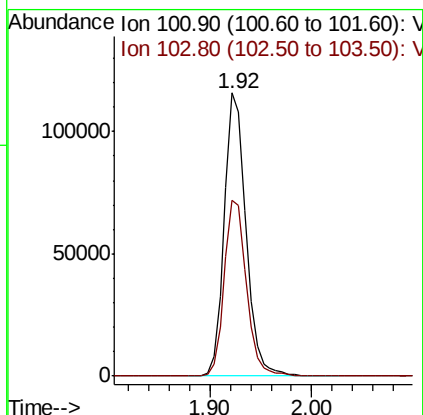
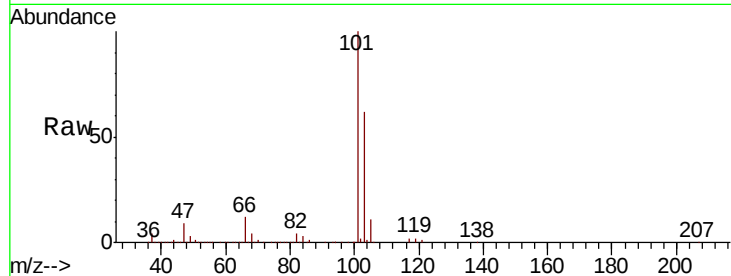


#7

Trichlorofluoromethane
Concen: 49.092 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX011019.D
Acq: 22 Jul 2019 10:21

Instrument :
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ClientSampleId :
VSTDCCC050

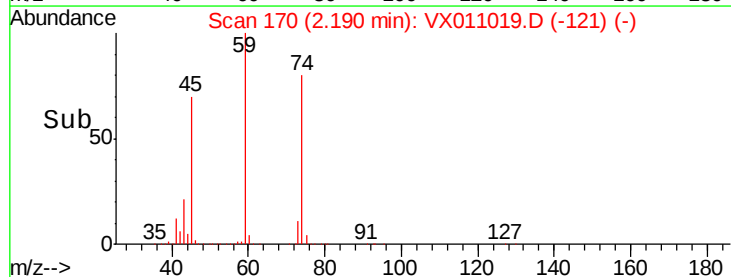
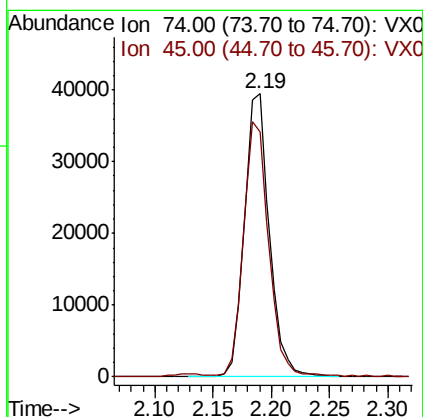
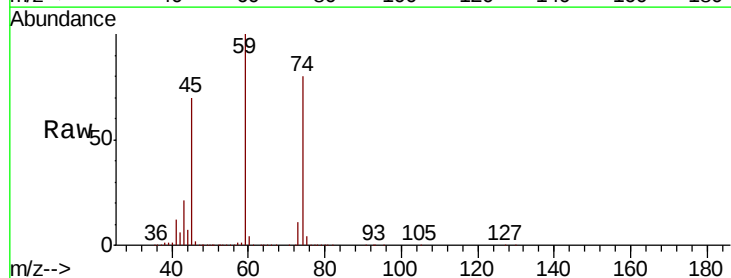
Tot Ion:101 Resp: 171403
Ion Ratio Lower Upper
101 100
103 62.0 52.6 78.8

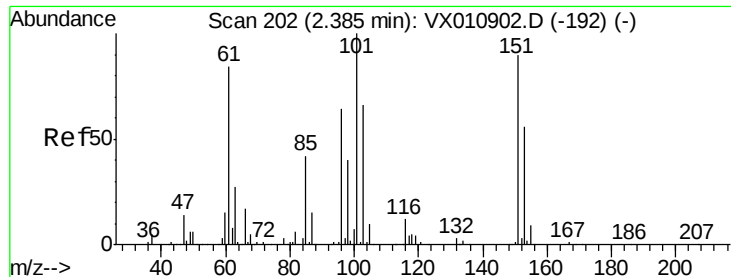


#8

Diethyl Ether
Concen: 49.450 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX011019.D
Acq: 22 Jul 2019 10:21

Tgt Ion: 74 Resp: 59487
Ion Ratio Lower Upper
74 100
45 90.4 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.640 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

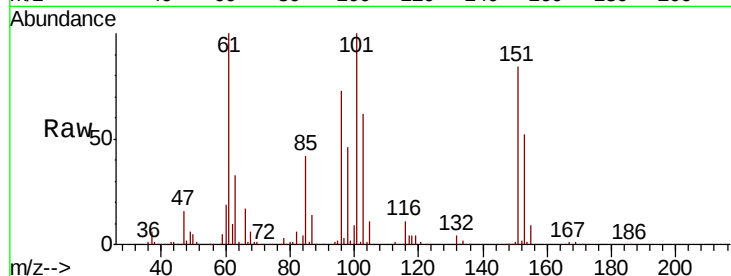
Tot Ion:101 Resp: 98959

Ion Ratio Lower Upper

101 100

85 43.5 34.6 52.0

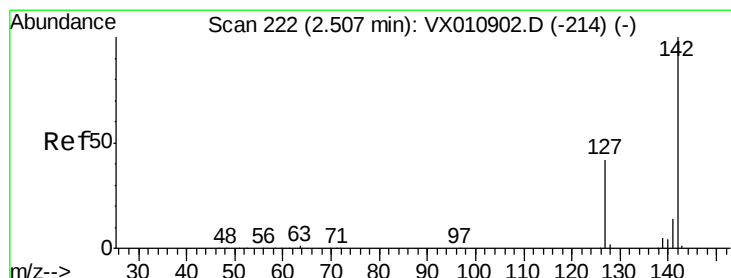
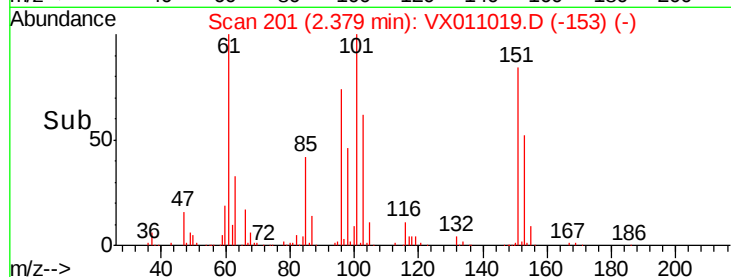
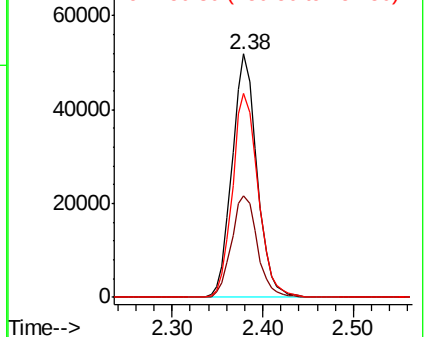
151 86.3 69.6 104.4



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: 46.960 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

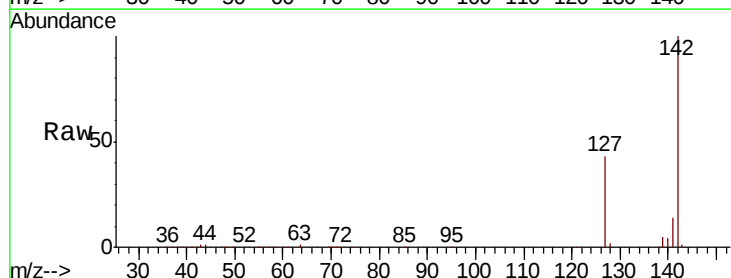
Tgt Ion:142 Resp: 122850

Ion Ratio Lower Upper

142 100

127 42.0 34.2 51.4

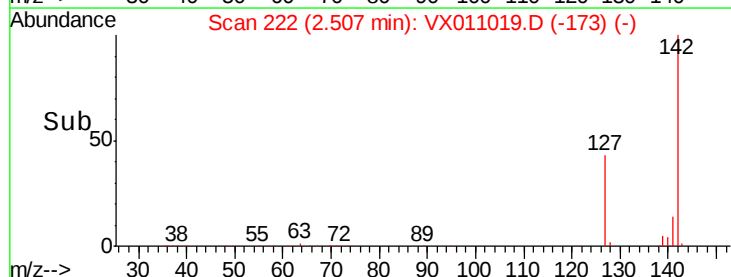
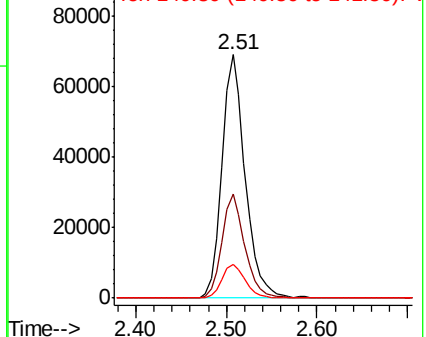
141 14.2 11.7 17.5

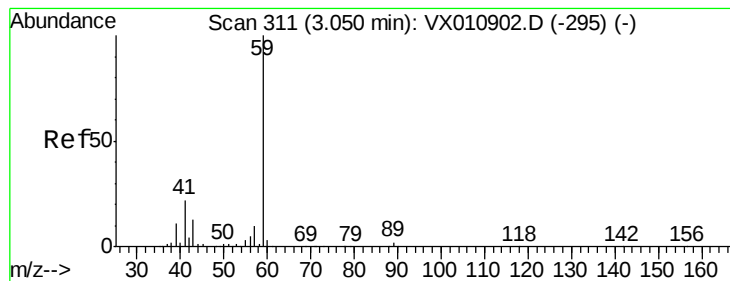


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



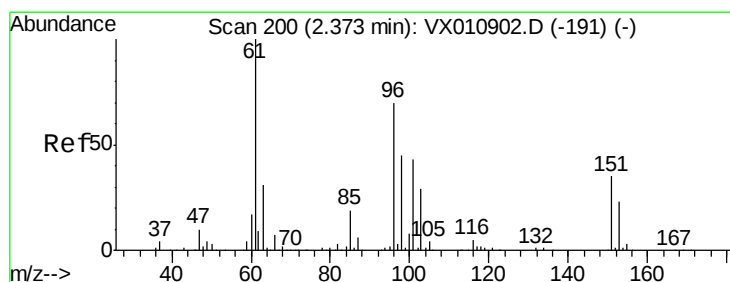
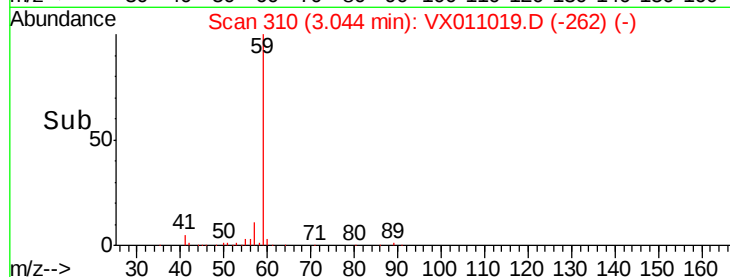
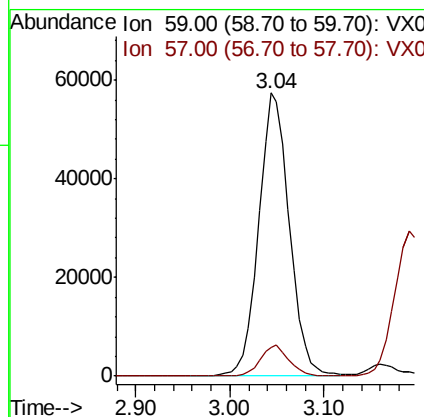
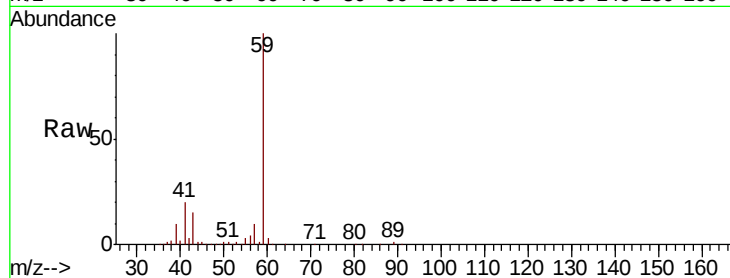


#11

Tert butyl alcohol
 Concen: 241.183 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX011019.D
 Acq: 22 Jul 2019 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

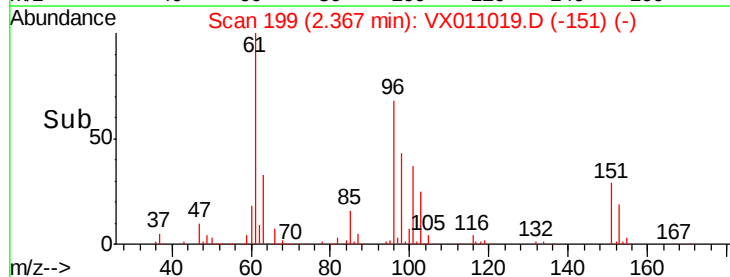
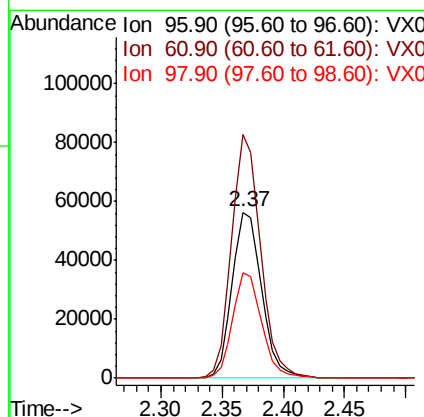
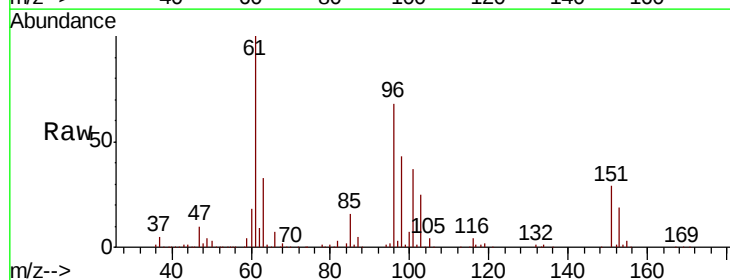
Tot Ion: 59 Resp: 131400
 Ion Ratio Lower Upper
 59 100
 57 10.5 7.9 11.9

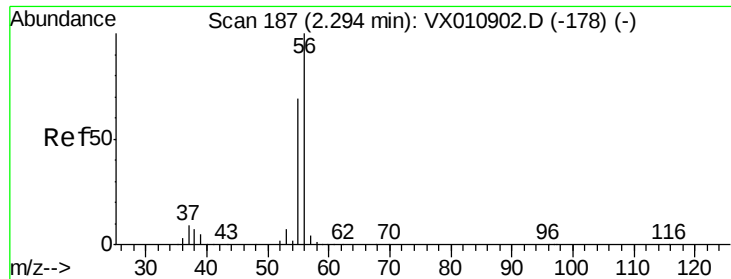


#12

1,1-Dichloroethene
 Concen: 48.005 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX011019.D
 Acq: 22 Jul 2019 10:21

Tgt Ion: 96 Resp: 94027
 Ion Ratio Lower Upper
 96 100
 61 146.4 115.0 172.4
 98 63.7 52.2 78.2





#13

Acrolein

Concen: 263.671 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

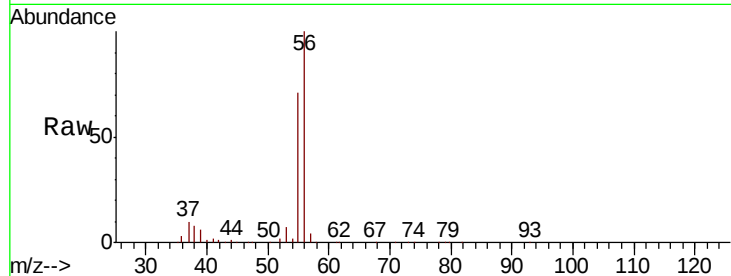
VSTDCCC050

Tot Ion: 56 Resp: 82997

Ion Ratio Lower Upper

56 100

55 70.8 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

60000

50000

40000

30000

20000

10000

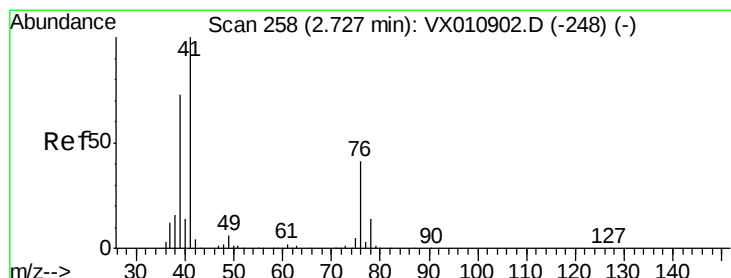
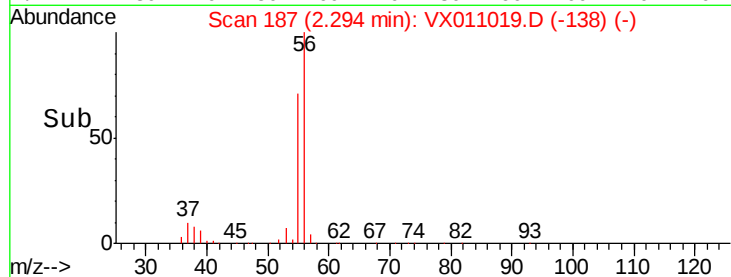
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 50.387 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

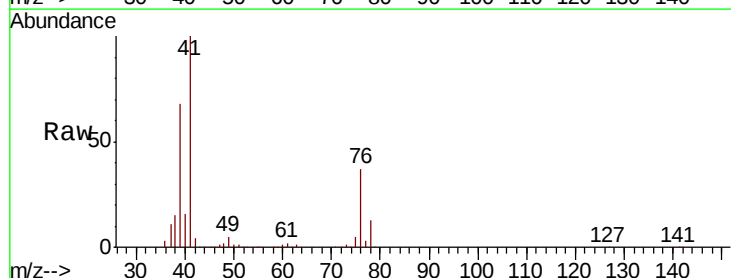
Tgt Ion: 41 Resp: 143354

Ion Ratio Lower Upper

41 100

39 67.0 53.6 80.4

76 36.6 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

100000

50000

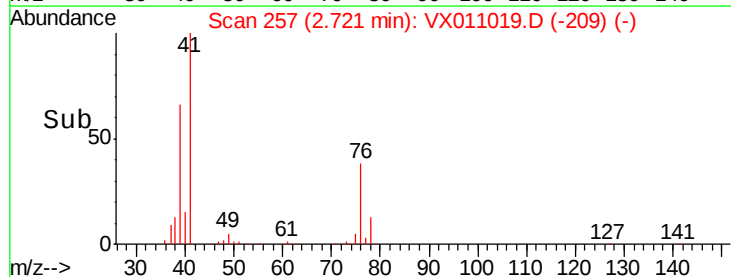
0

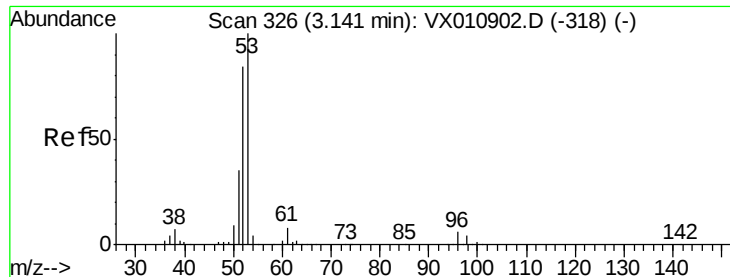
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 252.502 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

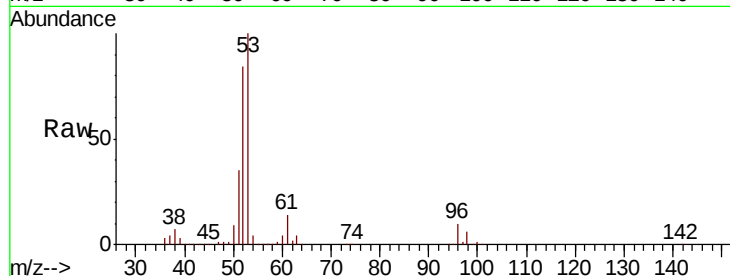
Tot Ion: 53 Resp: 277980

Ion Ratio Lower Upper

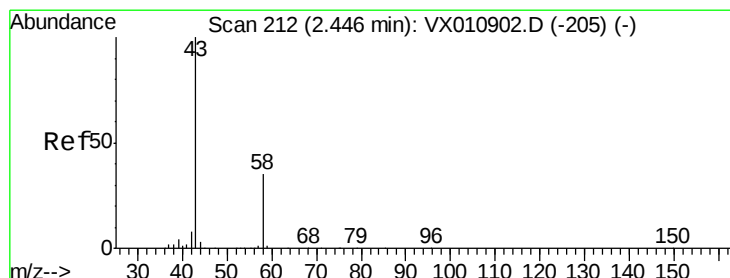
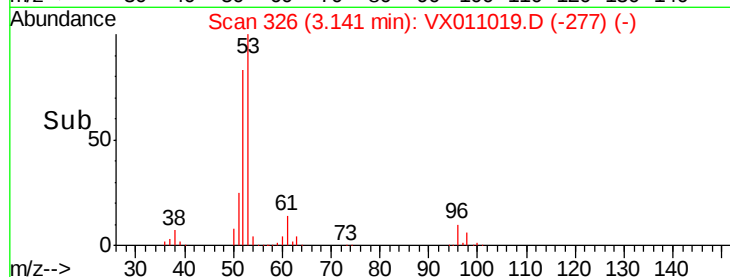
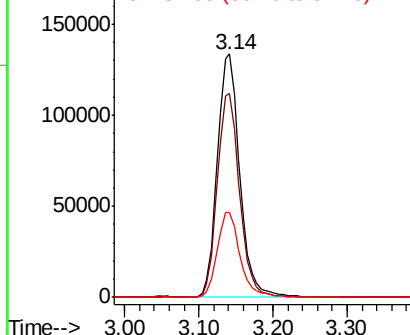
53 100

52 83.3 66.5 99.7

51 35.7 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: 278.355 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011019.D

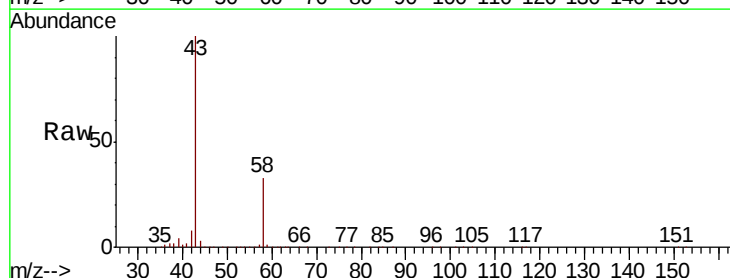
Acq: 22 Jul 2019 10:21

Tgt Ion: 43 Resp: 294101

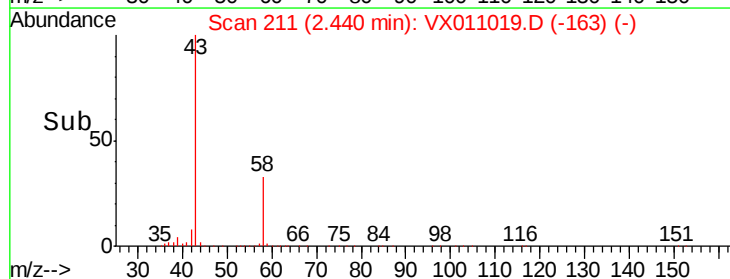
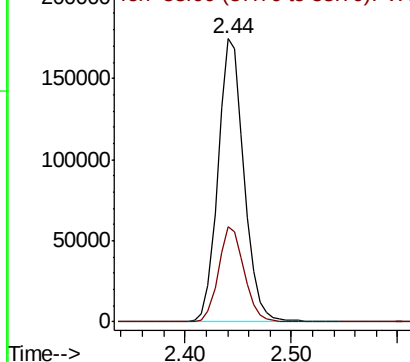
Ion Ratio Lower Upper

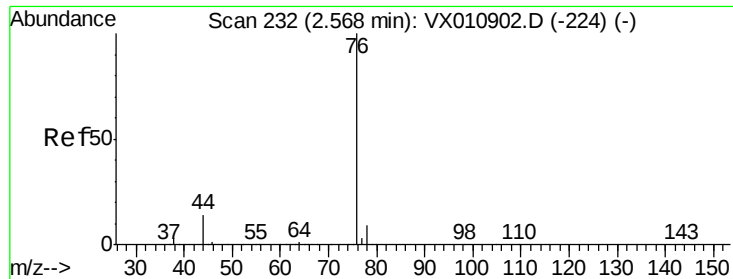
43 100

58 33.4 27.7 41.5



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

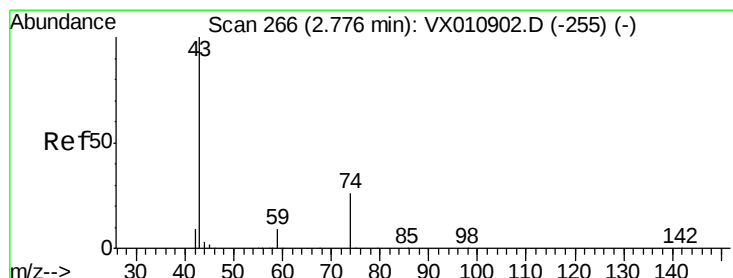
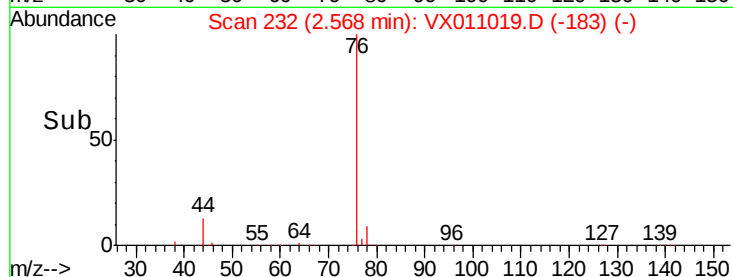
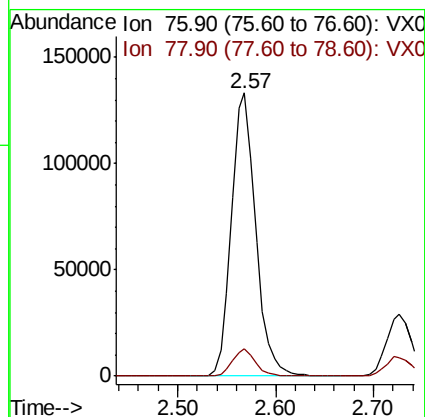
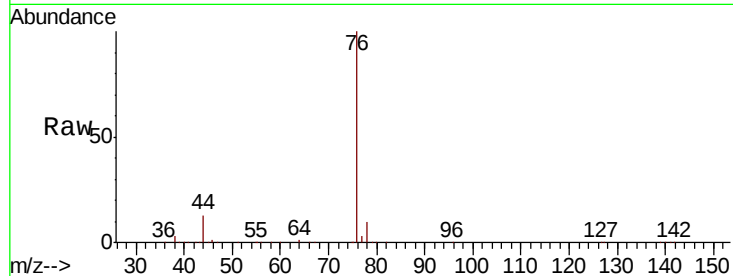




#17
Carbon Disulfide
Concen: 45.745 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX011019.D
Acq: 22 Jul 2019 10:21

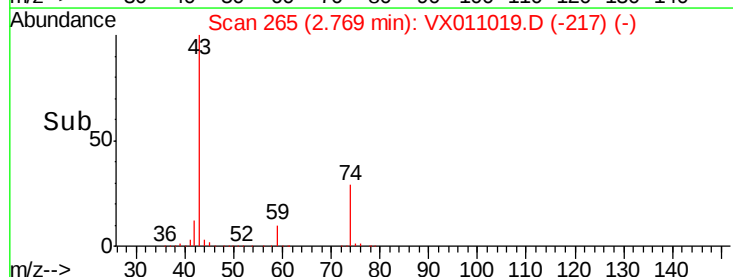
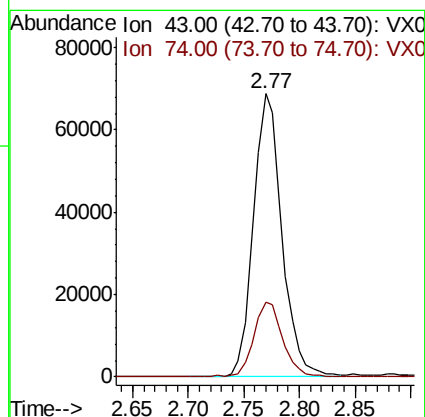
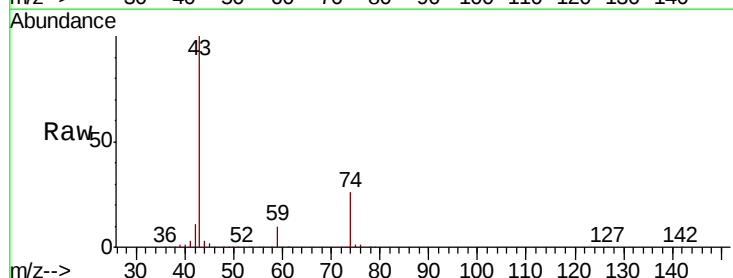
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

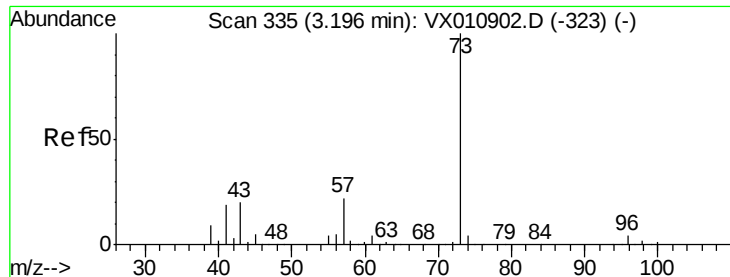
Tot Ion: 76 Resp: 229837
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 50.772 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX011019.D
Acq: 22 Jul 2019 10:21

Tgt Ion: 43 Resp: 122148
Ion Ratio Lower Upper
43 100
74 27.1 21.5 32.3

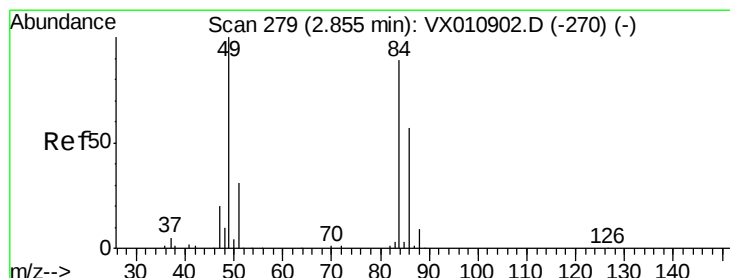
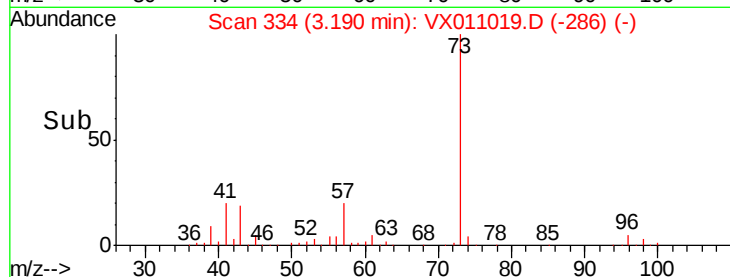
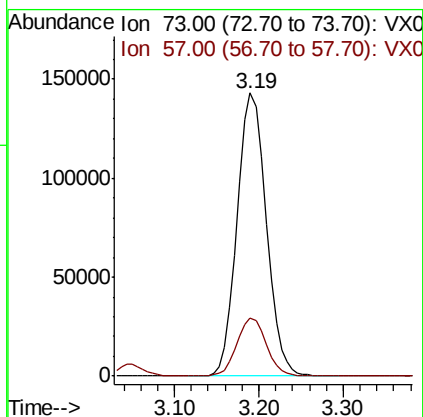
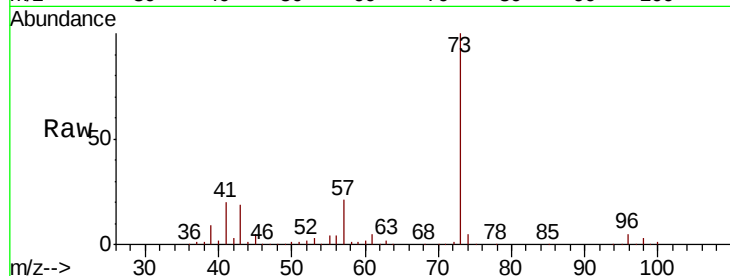




#19
Methyl tert-butyl Ether
Concen: 53.182 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX011019.D
Acq: 22 Jul 2019 10:21

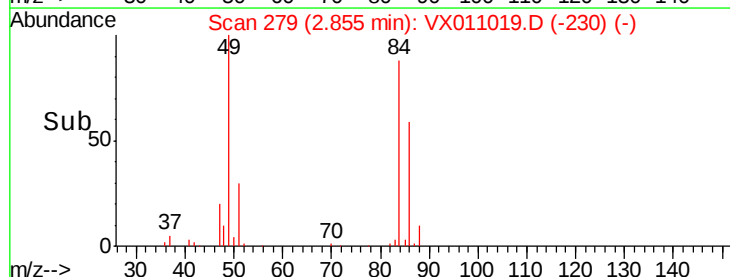
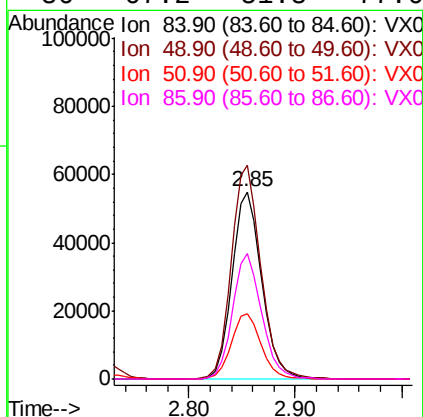
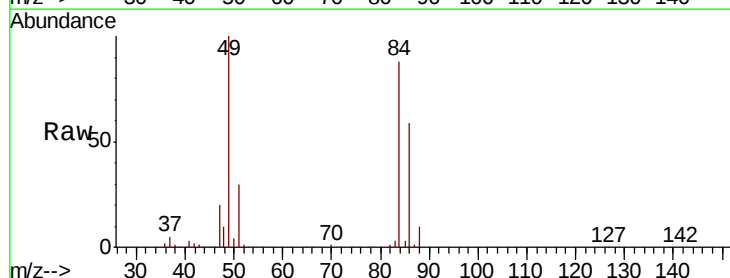
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

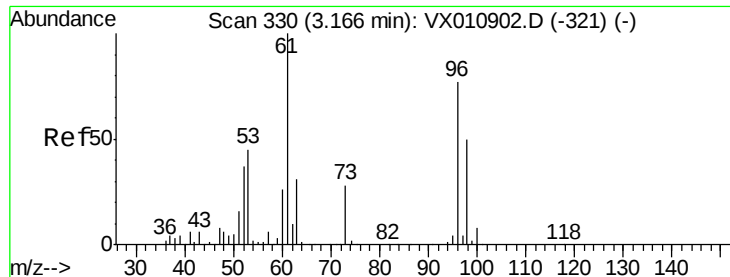
Tot Ion: 73 Resp: 335331
Ion Ratio Lower Upper
73 100
57 20.5 17.3 25.9



#20
Methylene Chloride
Concen: 47.898 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011019.D
Acq: 22 Jul 2019 10:21

Tgt Ion: 84 Resp: 107247
Ion Ratio Lower Upper
84 100
49 113.7 89.9 134.9
51 34.6 27.8 41.6
86 67.2 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 48.028 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

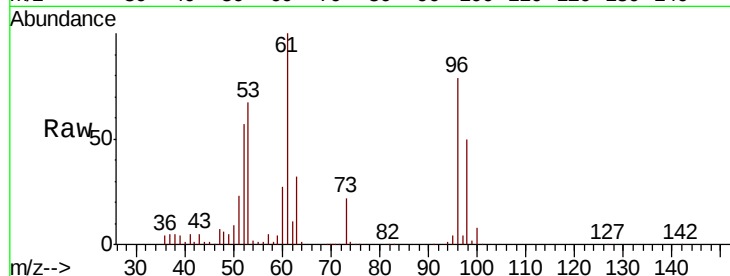
Tot Ion: 96 Resp: 99813

Ion Ratio Lower Upper

96 100

61 125.9 104.2 156.2

98 62.8 52.2 78.4

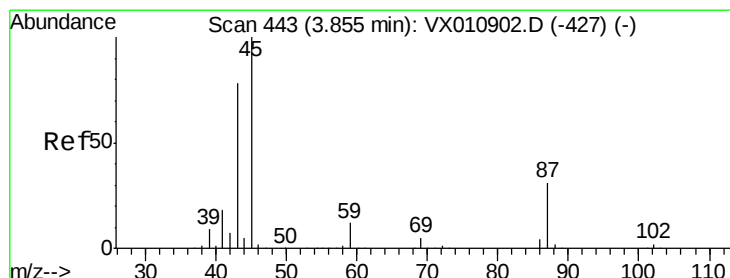
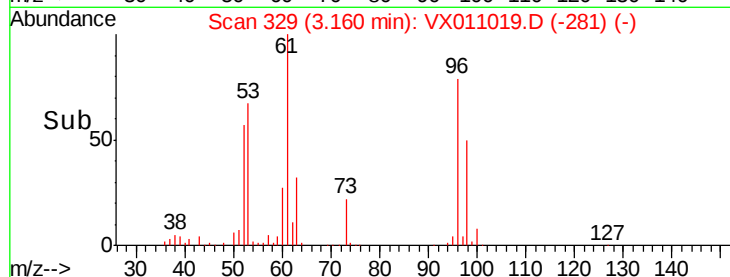
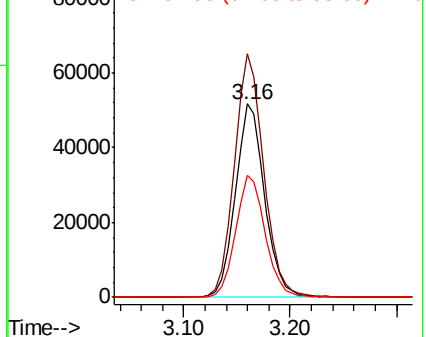


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.348 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

Tgt Ion: 45 Resp: 302105

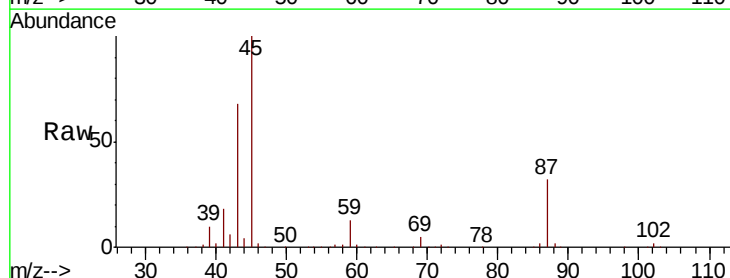
Ion Ratio Lower Upper

45 100

43 67.9 62.3 93.5

87 32.0 25.0 37.4

59 12.6 9.9 14.9



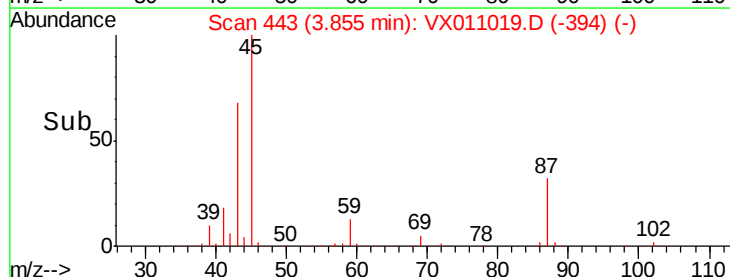
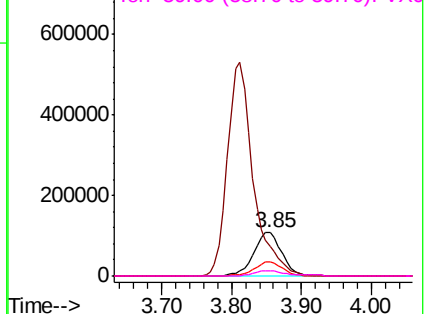
Abundance

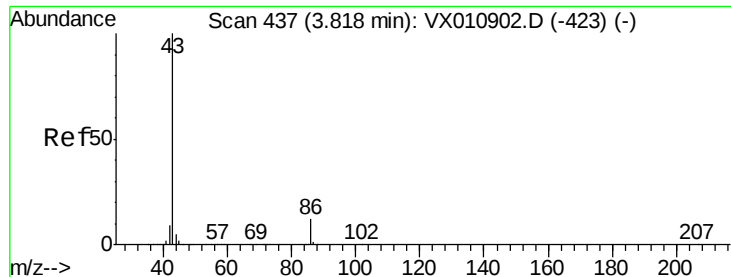
Ion 45.00 (44.70 to 45.70): VX0

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

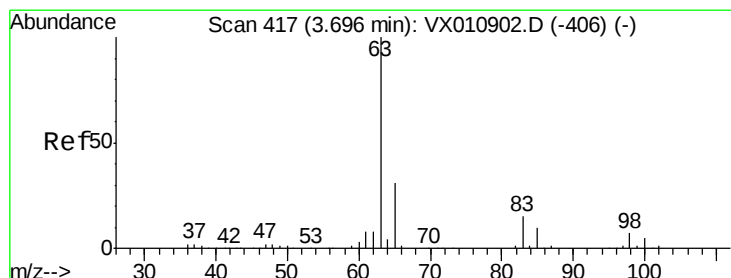
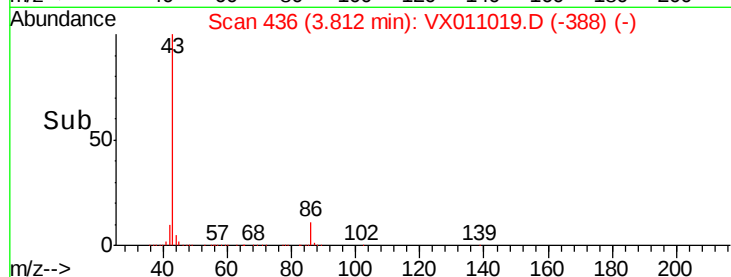
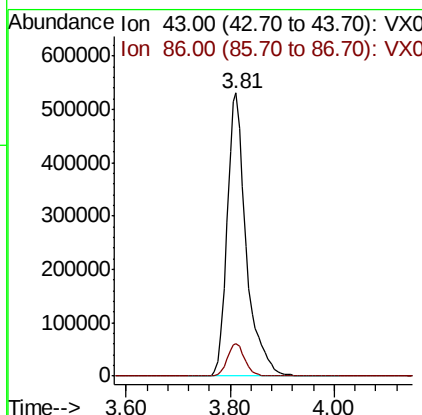
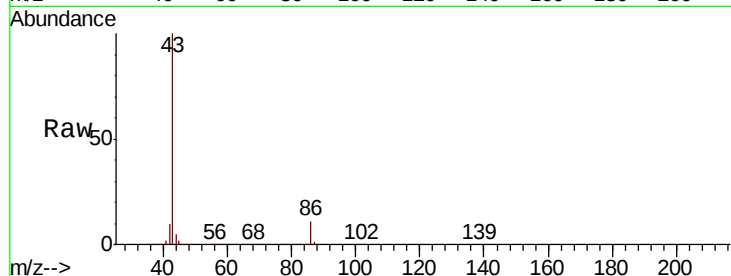




#23
 Vinyl Acetate
 Concen: 269.448 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: VX011019.D
 Acq: 22 Jul 2019 10:21

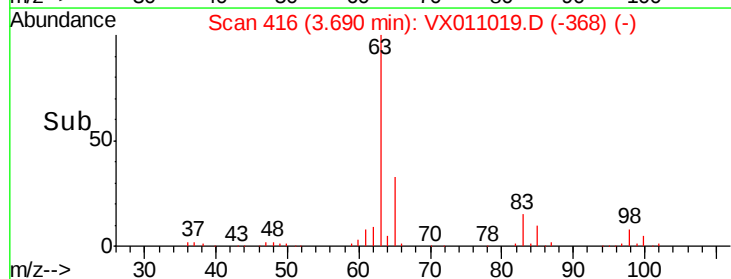
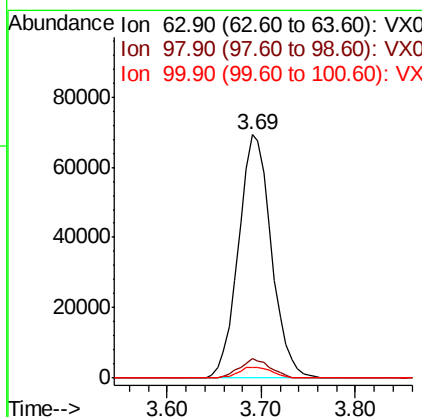
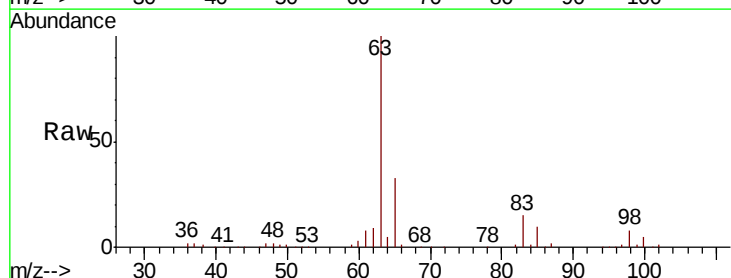
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

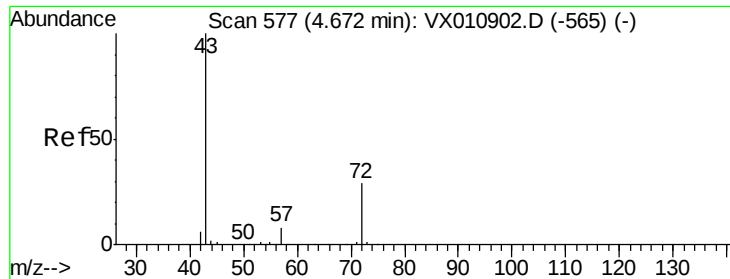
Tot Ion: 43 Resp: 1369894
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 48.505 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: VX011019.D
 Acq: 22 Jul 2019 10:21

Tgt Ion: 63 Resp: 169027
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.6 10.9
 100 4.5 2.4 7.2





#25

2-Butanone

Concen: 270.188 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

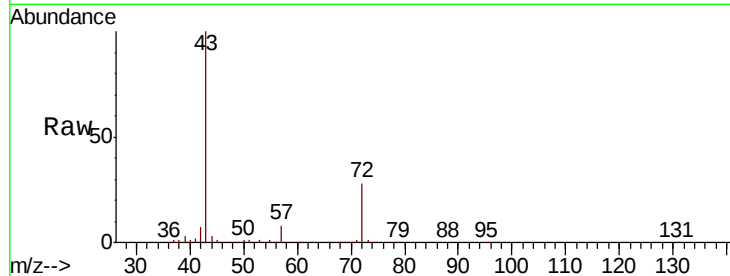
VSTDCCC050

Tot Ion: 43 Resp: 409792

Ion Ratio Lower Upper

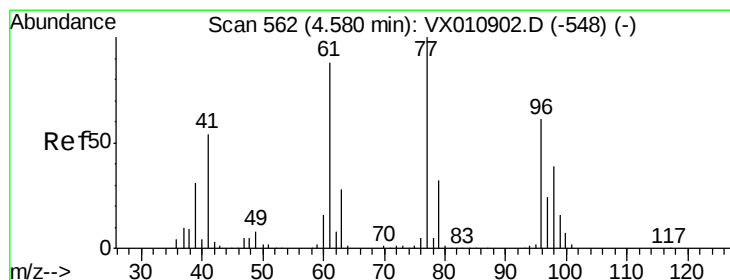
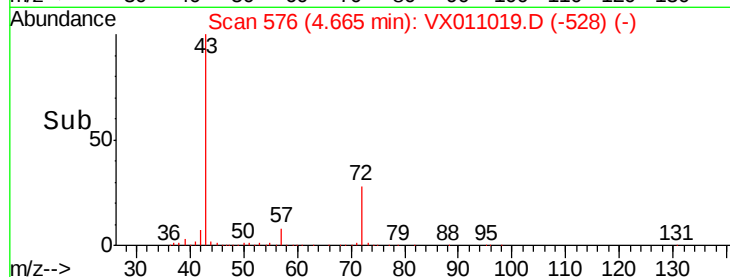
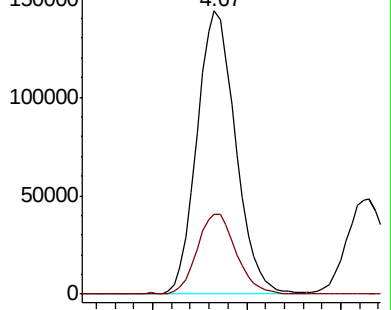
43 100

72 28.2 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 51.613 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX011019.D

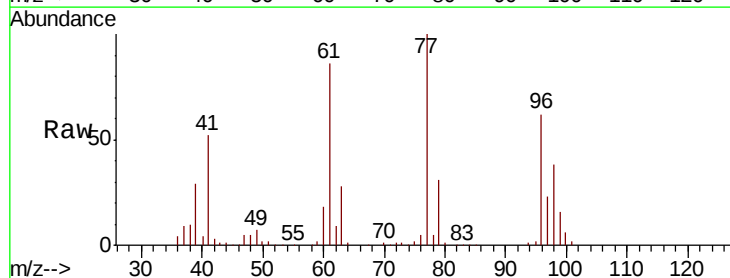
Acq: 22 Jul 2019 10:21

Tgt Ion: 77 Resp: 147678

Ion Ratio Lower Upper

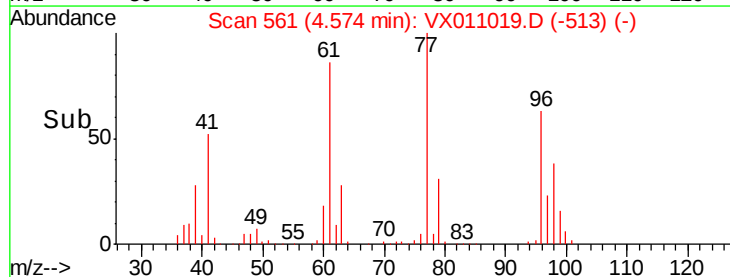
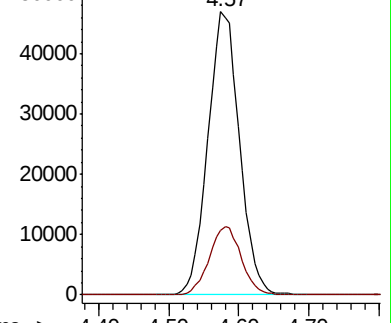
77 100

97 24.4 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



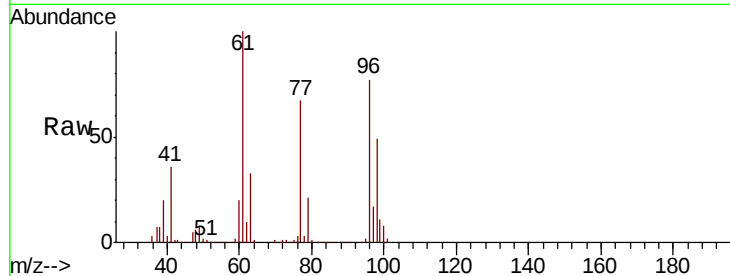


#27

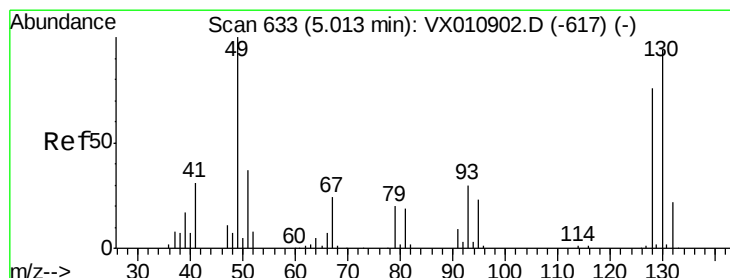
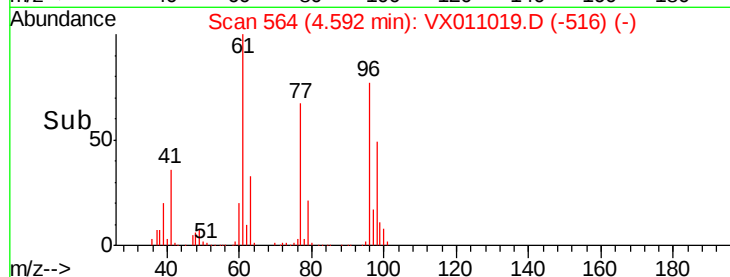
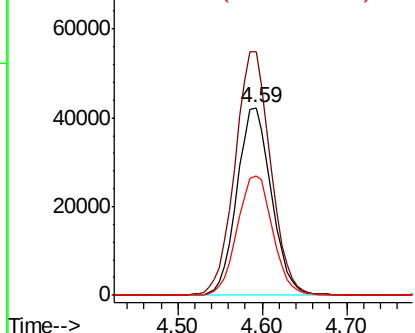
cis-1,2-Dichloroethene
 Concen: 48.633 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX011019.D
 Acq: 22 Jul 2019 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 116973
 Ion Ratio Lower Upper
 96 100
 61 135.0 0.0 269.0
 98 65.3 0.0 131.4



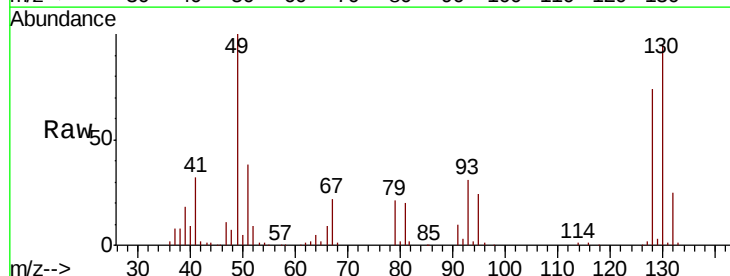
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



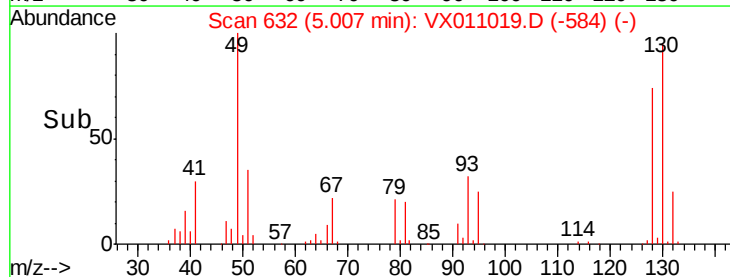
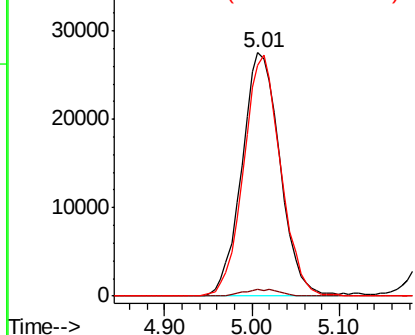
#28

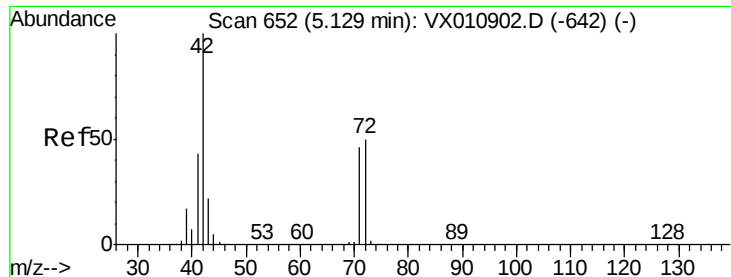
Bromochloromethane
 Concen: 50.695 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: VX011019.D
 Acq: 22 Jul 2019 10:21

Tgt Ion: 49 Resp: 83248
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 5.2
 130 95.9 76.9 115.3



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

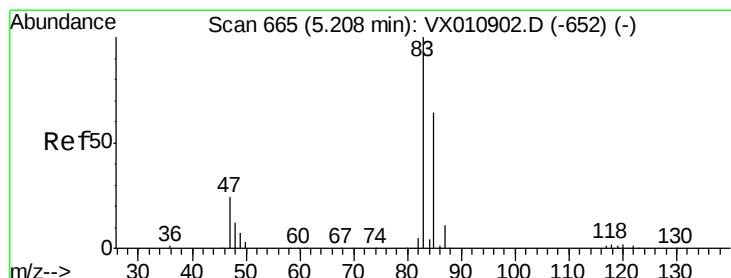
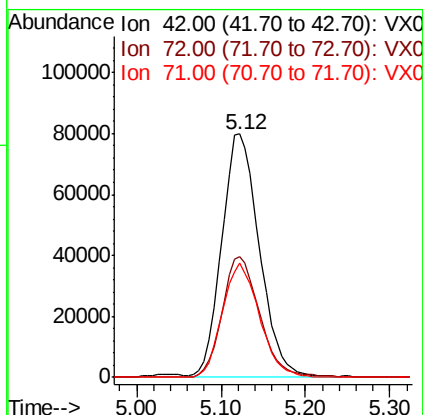
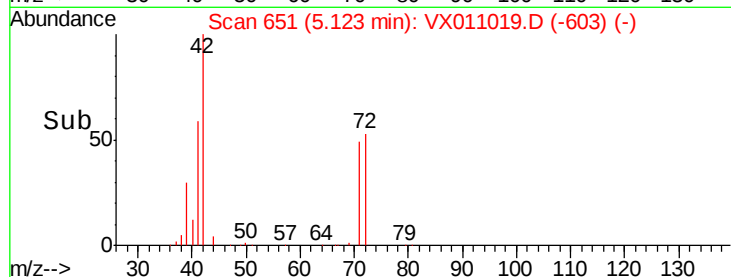
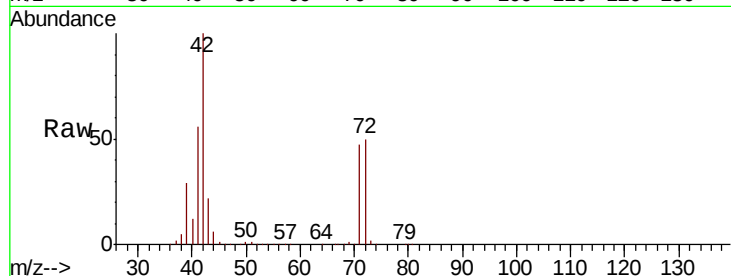




#29
Tetrahydrofuran
Concen: 251.389 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX011019.D
Acq: 22 Jul 2019 10:21

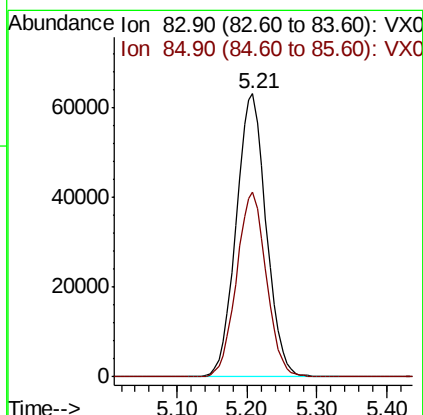
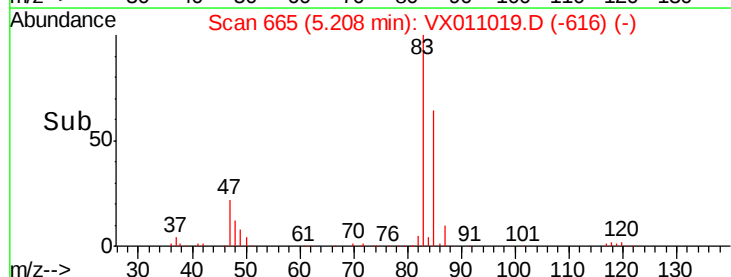
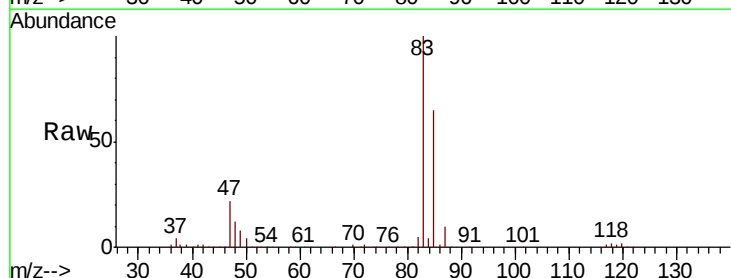
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

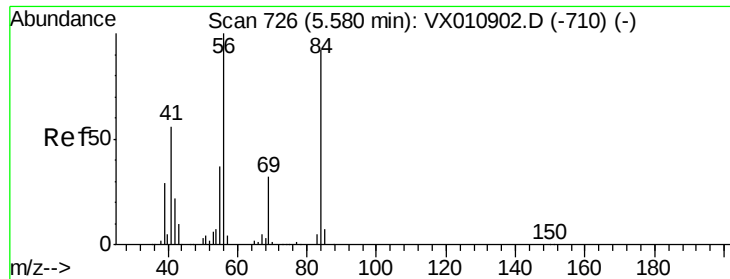
Tot Ion	Ratio	Lower	Upper
42	100		
72	50.0	39.8	59.8
71	46.6	37.0	55.4



#30
Chloroform
Concen: 50.020 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX011019.D
Acq: 22 Jul 2019 10:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.4	77.0

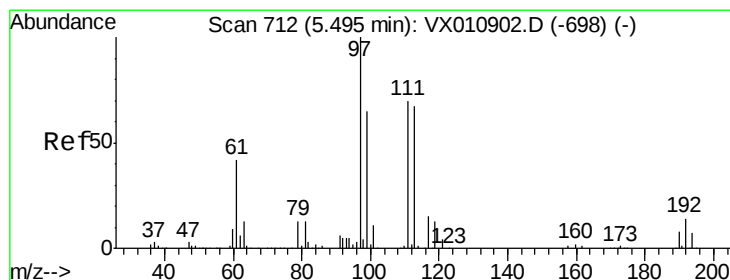
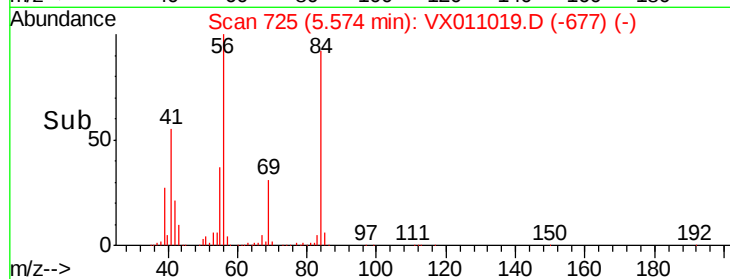
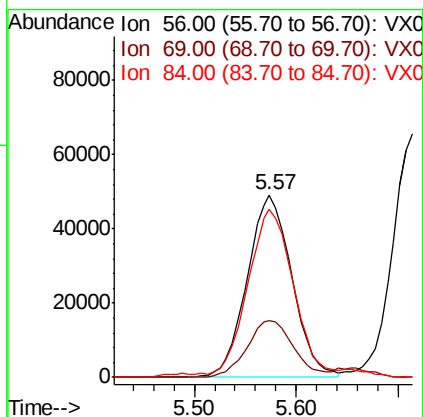
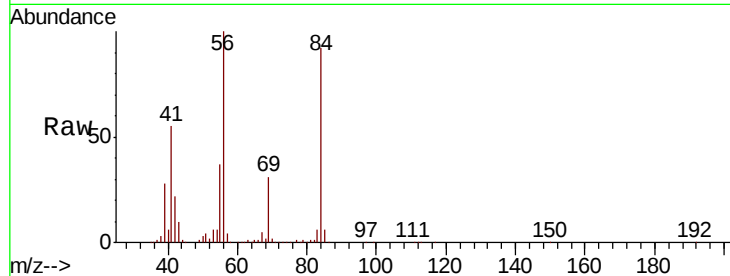




#31
Cyclohexane
Concen: 46.761 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX011019.D
Acq: 22 Jul 2019 10:21

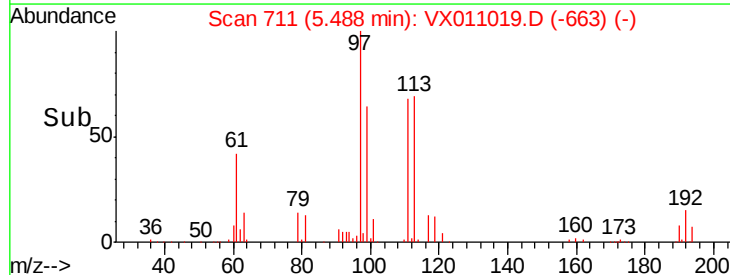
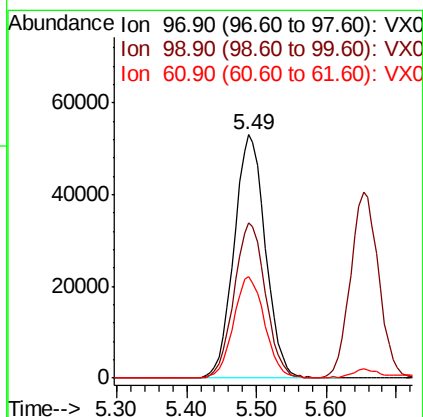
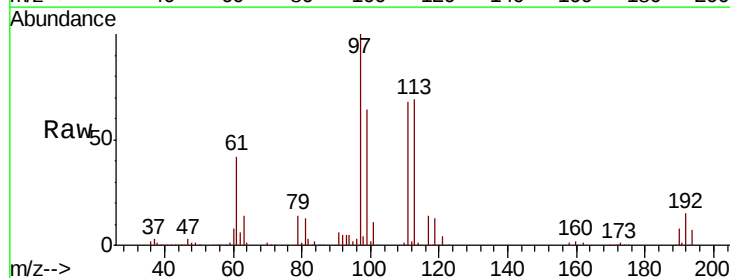
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

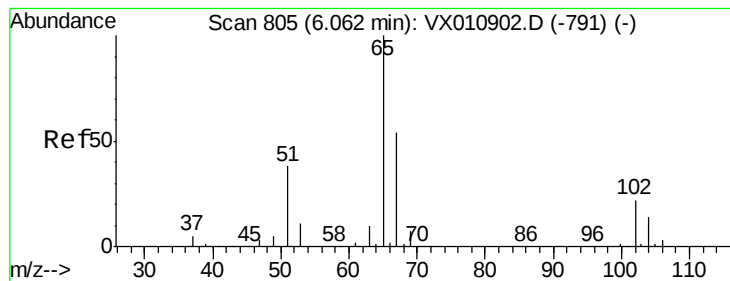
Tot Ion: 56 Resp: 148526
Ion Ratio Lower Upper
56 100
69 31.4 25.8 38.8
84 90.3 73.8 110.6



#32
1,1,1-Trichloroethane
Concen: 50.505 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX011019.D
Acq: 22 Jul 2019 10:21

Tgt Ion: 97 Resp: 164581
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.0
61 41.6 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 50.496 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

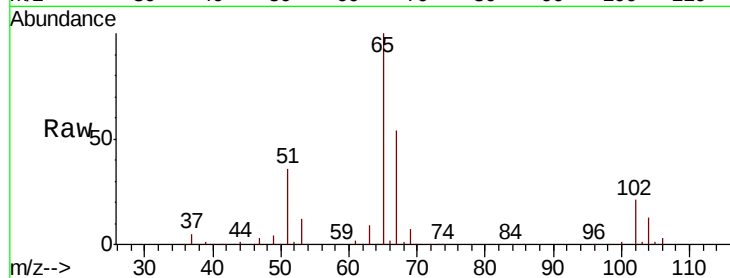
VSTDCCC050

Tot Ion: 65 Resp: 118128

Ion Ratio Lower Upper

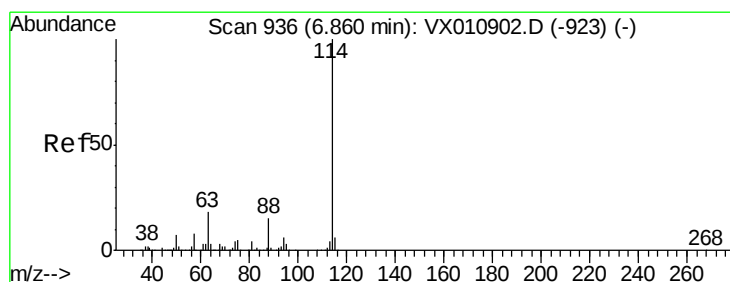
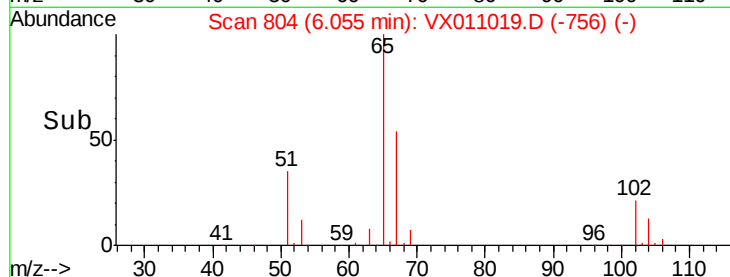
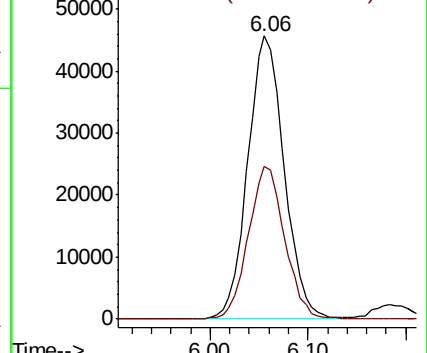
65 100

67 53.7 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

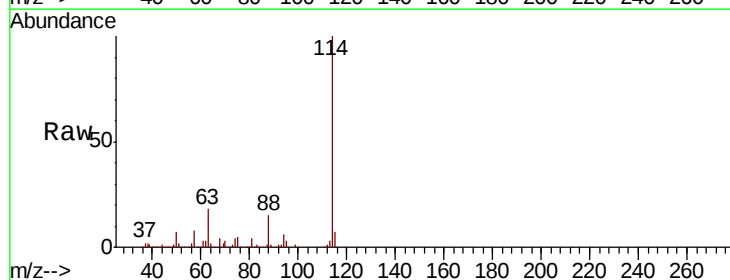
Tgt Ion: 114 Resp: 325070

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.6

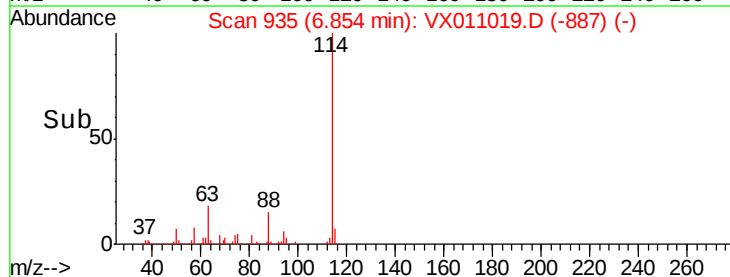
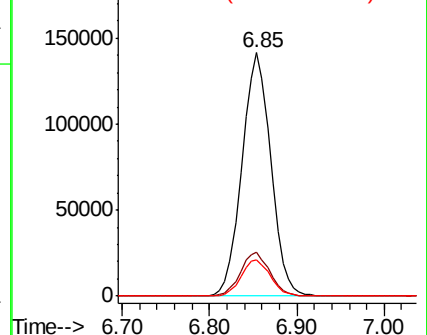
88 14.7 0.0 29.8

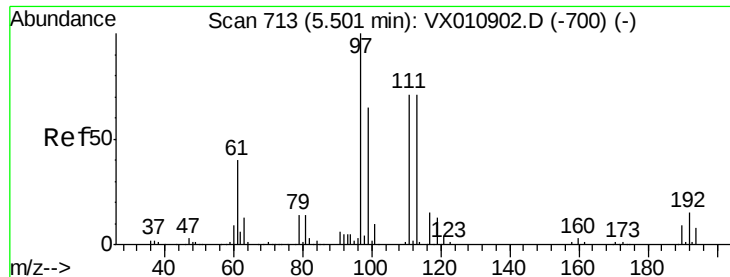


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.802 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

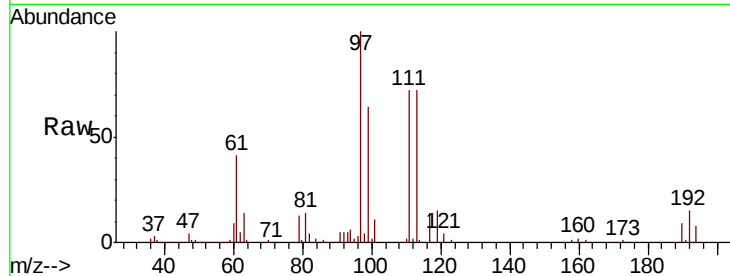
Tot Ion:113 Resp: 104819

Ion Ratio Lower Upper

113 100

111 101.5 82.3 123.5

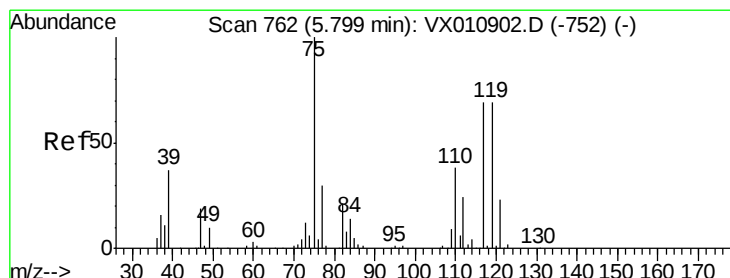
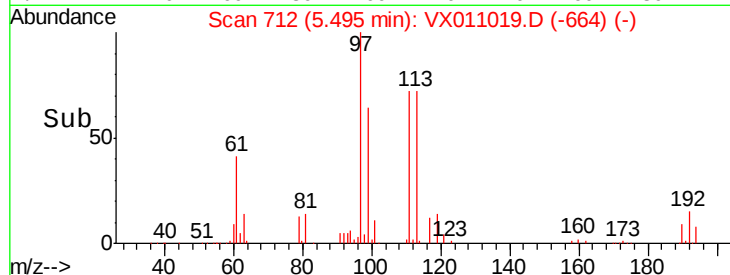
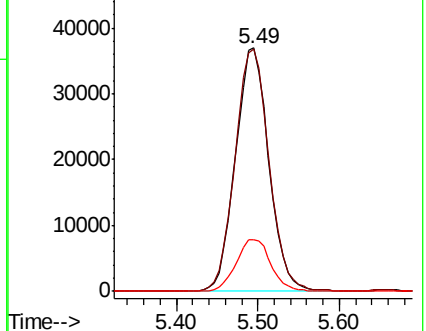
192 22.2 17.4 26.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.947 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

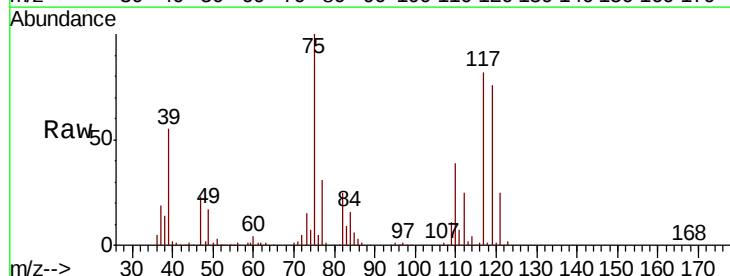
Tgt Ion: 75 Resp: 133367

Ion Ratio Lower Upper

75 100

110 39.0 19.9 59.7

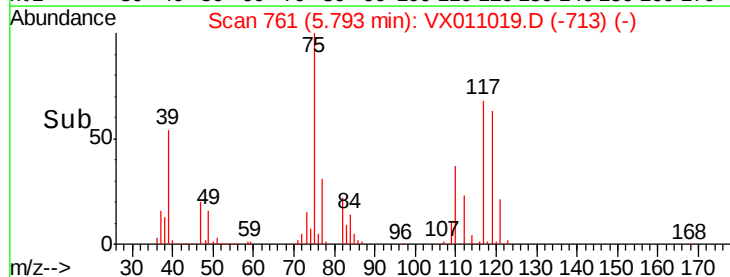
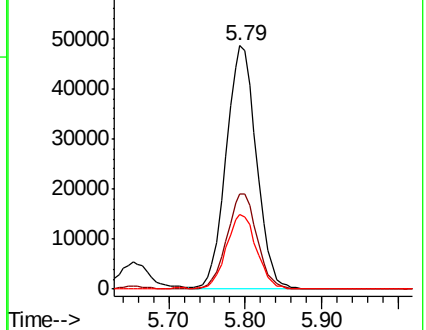
77 30.3 25.0 37.4

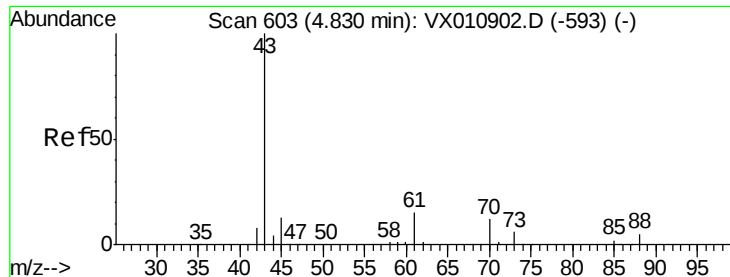


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 52.880 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

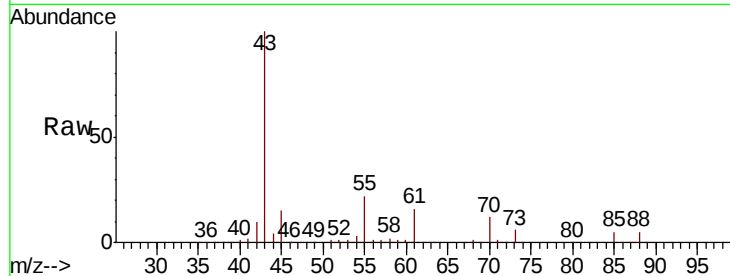
Tot Ion: 43 Resp: 144582

Ion Ratio Lower Upper

43 100

61 15.4 11.6 17.4

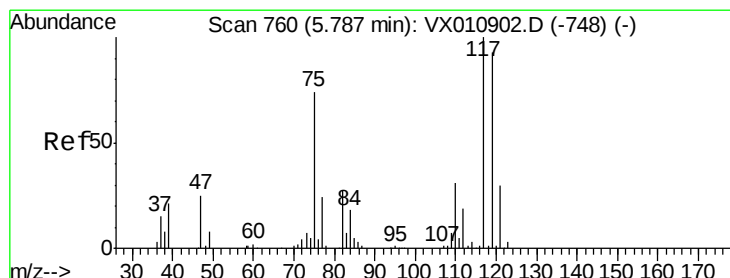
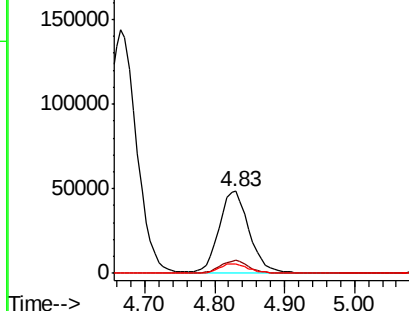
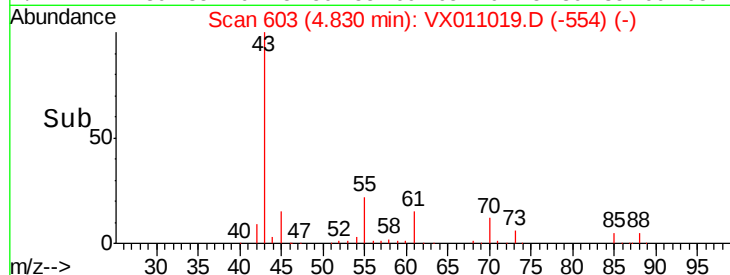
70 11.7 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 52.995 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

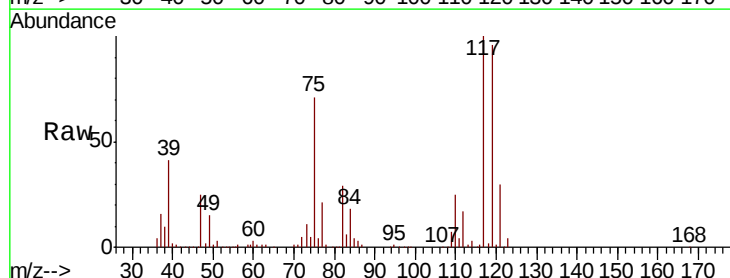
Tgt Ion: 117 Resp: 147455

Ion Ratio Lower Upper

117 100

119 95.8 74.2 111.2

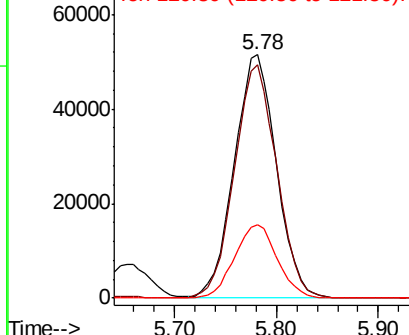
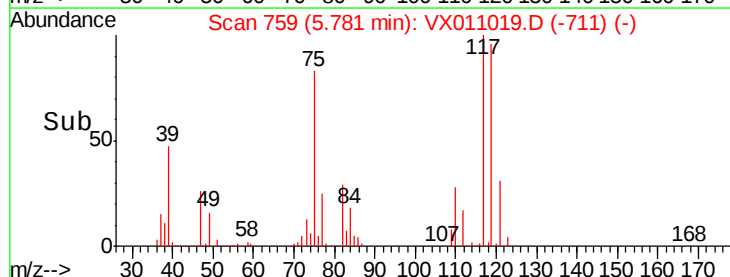
121 30.4 24.2 36.2

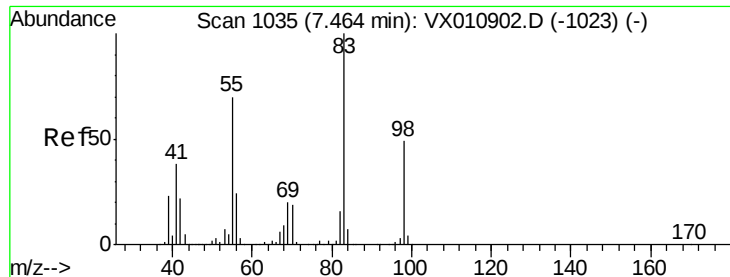


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

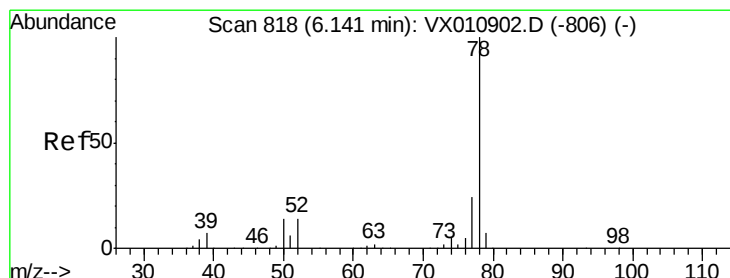
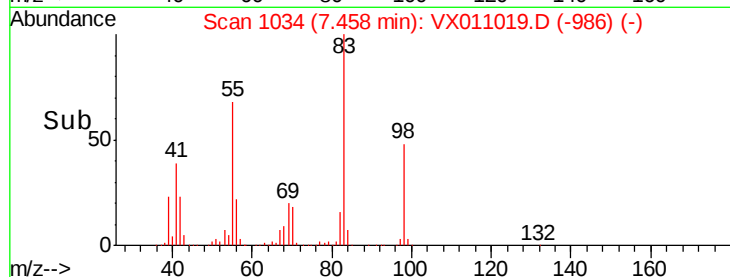
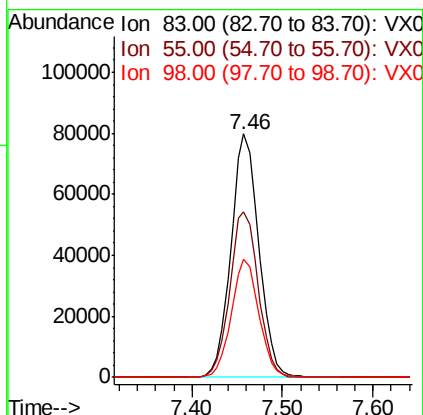
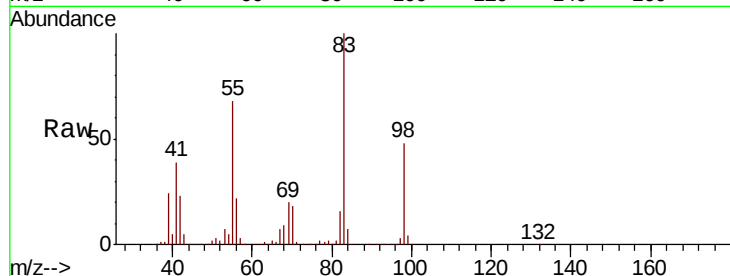




#39
Methvlcvclohexane
Concen: 49.530 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX011019.D
Acq: 22 Jul 2019 10:21

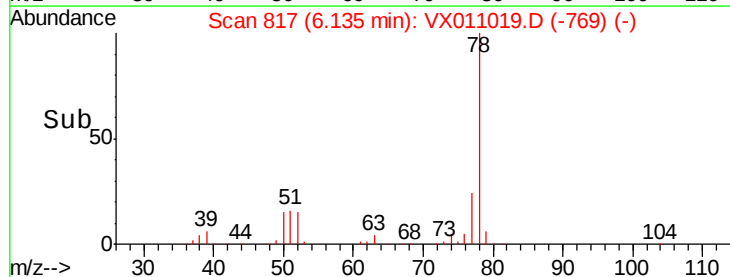
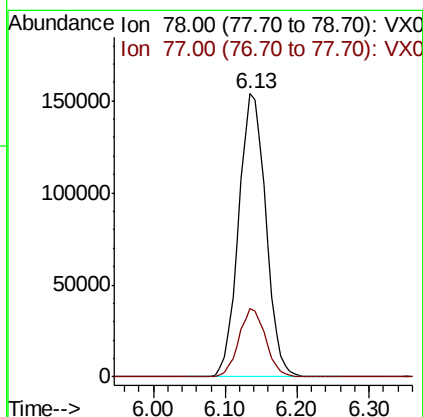
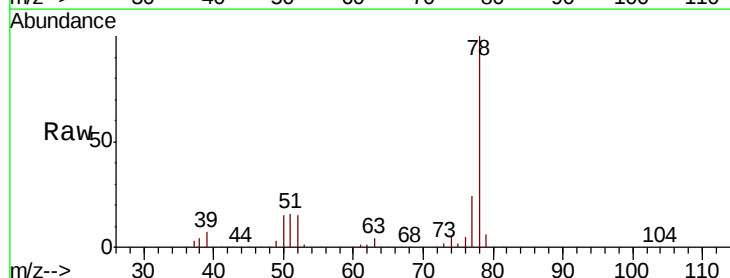
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

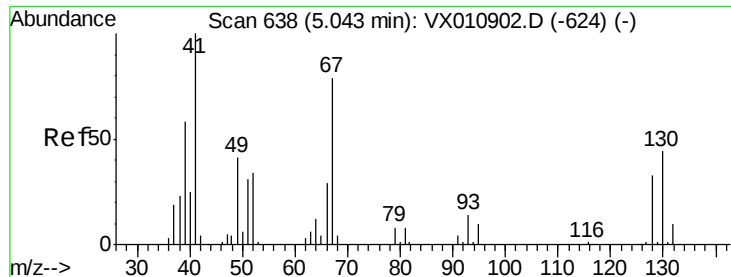
Tot Ion: 83 Resp: 171505
Ion Ratio Lower Upper
83 100
55 68.1 56.2 84.4
98 48.3 39.0 58.4



#40
Benzene
Concen: 49.394 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX011019.D
Acq: 22 Jul 2019 10:21

Tgt Ion: 78 Resp: 404008
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6





#41

Methacrylonitrile

Concen: 51.649 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 80165

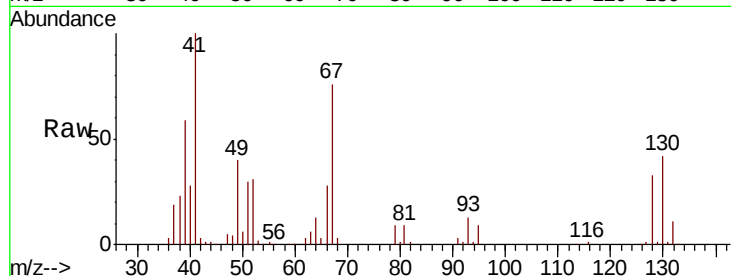
Ion Ratio Lower Upper

41 100

39 56.3 45.4 68.2

67 78.4 65.9 98.9

52 31.5 26.2 39.2

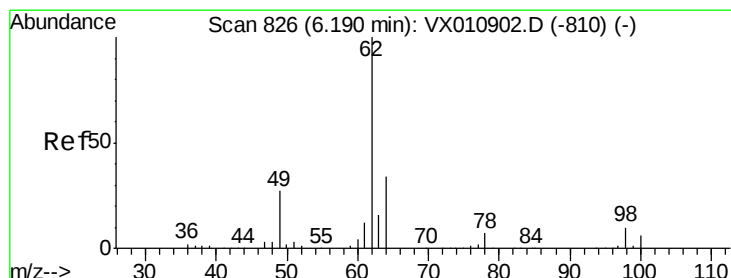
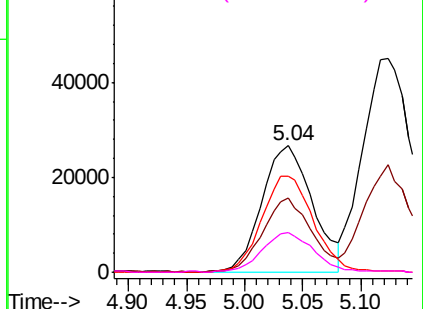
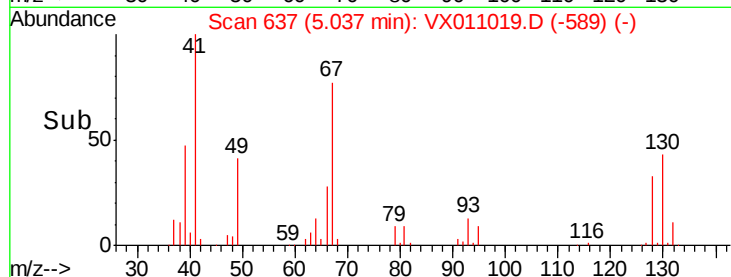


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 53.341 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX011019.D

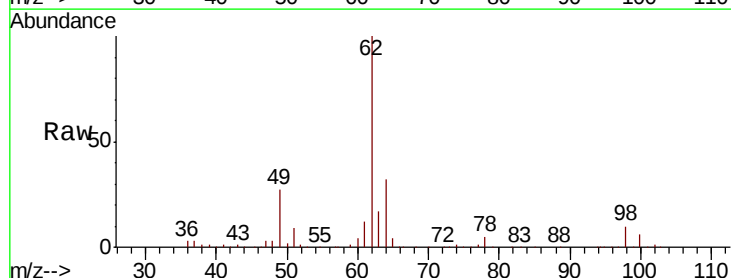
Acq: 22 Jul 2019 10:21

Tgt Ion: 62 Resp: 151697

Ion Ratio Lower Upper

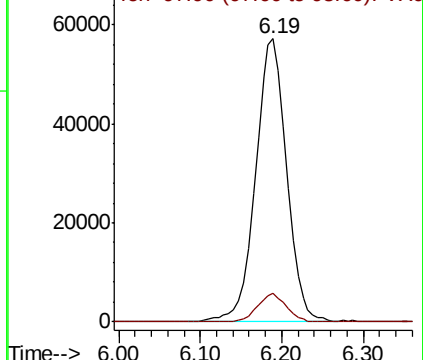
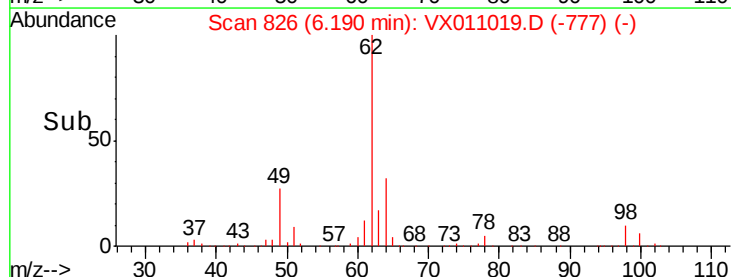
62 100

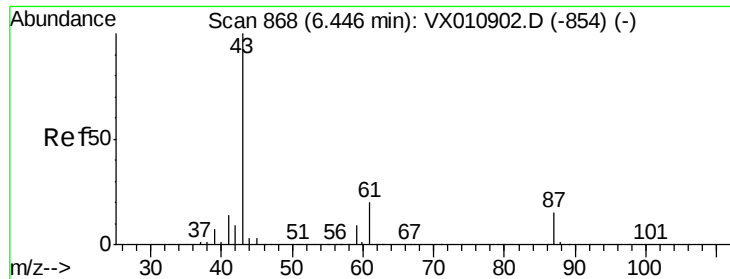
98 9.4 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 53.818 ug/l

RT: 6.43 min Scan# 866

Delta R.T. -0.01 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

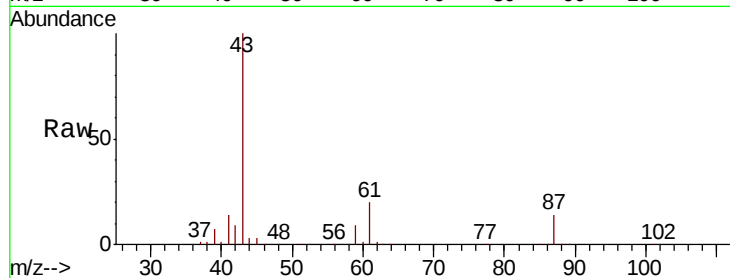
Tot Ion: 43 Resp: 241953

Ion Ratio Lower Upper

43 100

61 21.0 17.1 25.7

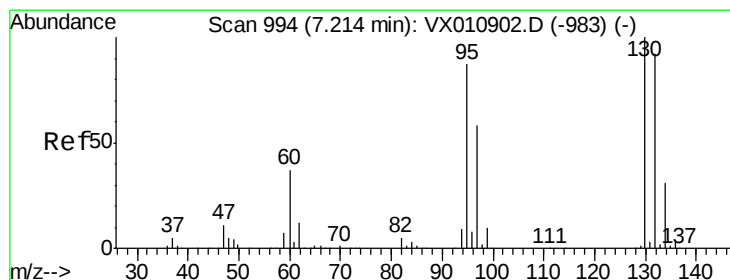
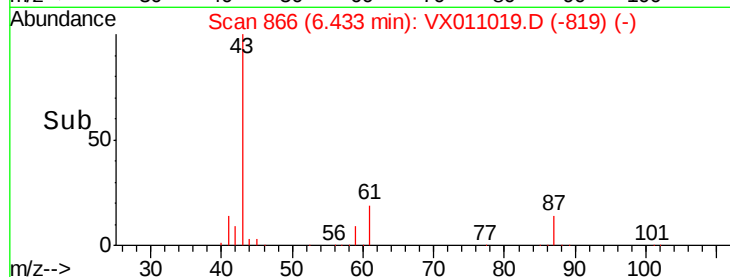
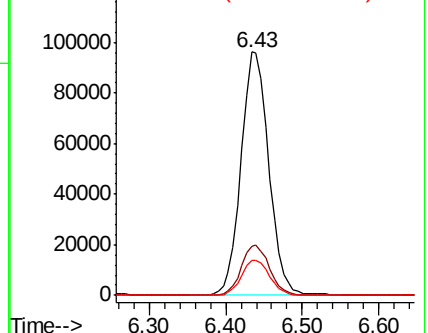
87 14.8 12.0 18.0



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: 48.747 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX011019.D

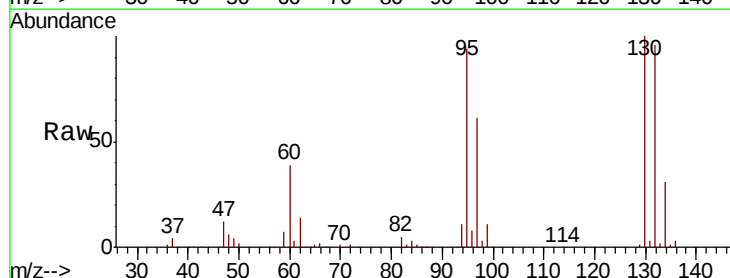
Acq: 22 Jul 2019 10:21

Tgt Ion:130 Resp: 118020

Ion Ratio Lower Upper

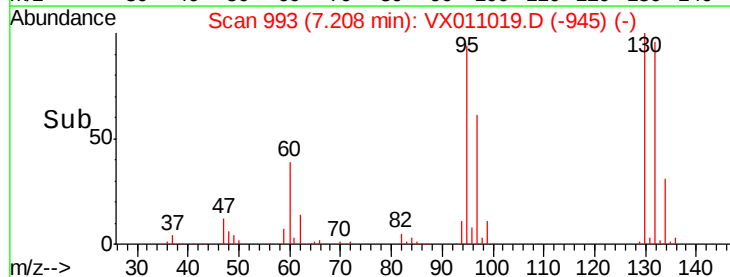
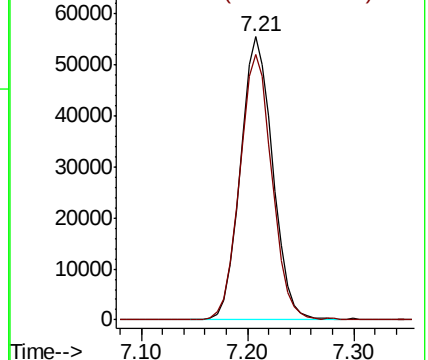
130 100

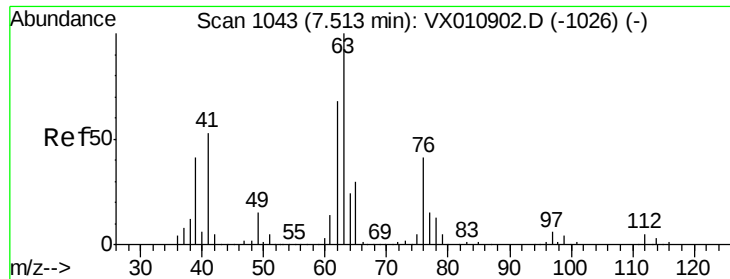
95 93.6 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

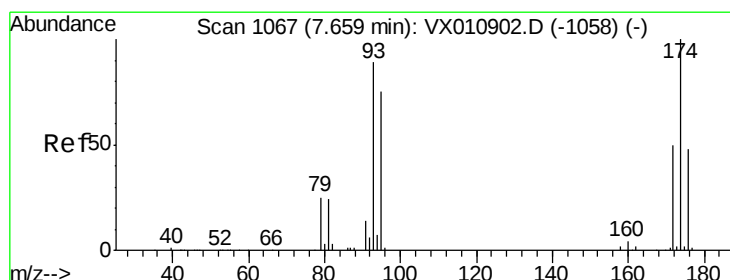
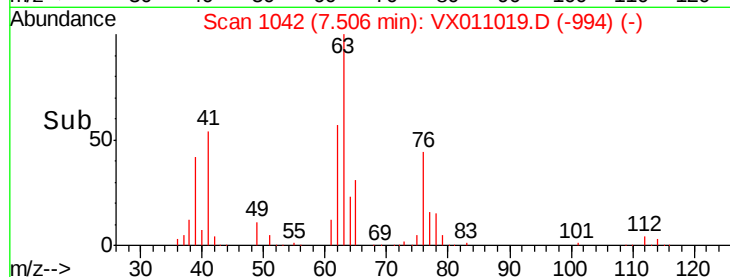
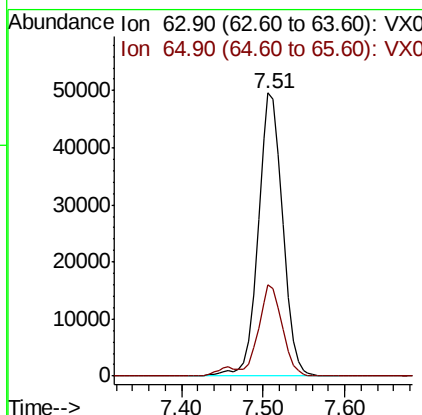
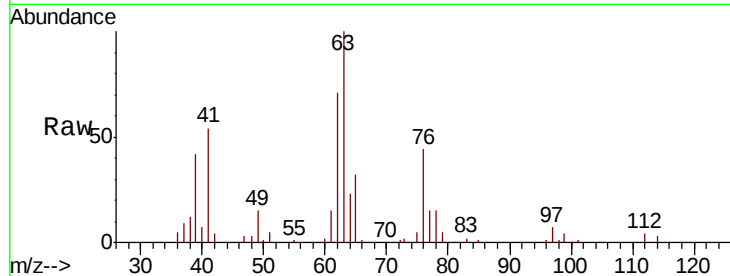




#45
 1,2-Dichloropropane
 Concen: 50.003 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX011019.D
 Acq: 22 Jul 2019 10:21

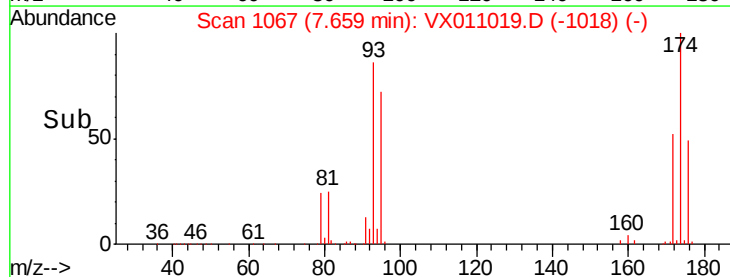
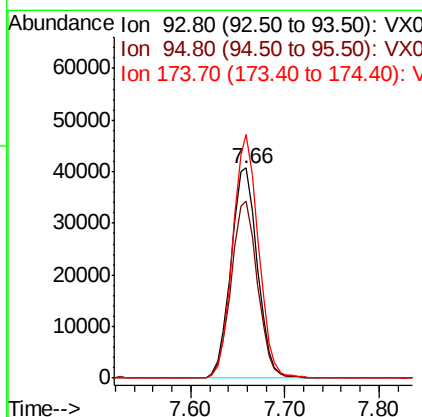
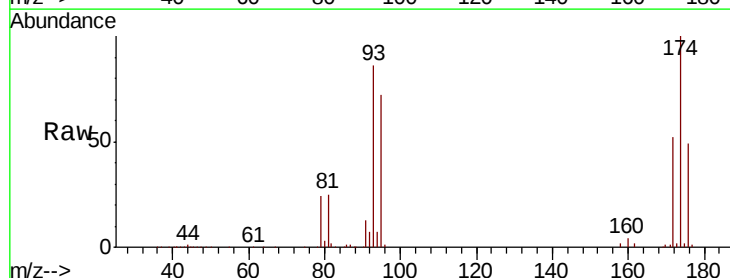
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

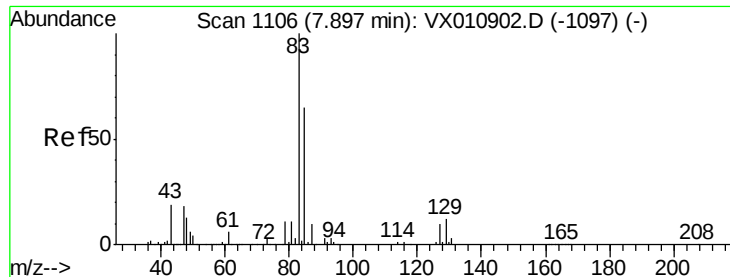
Tot Ion: 63 Resp: 104095
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.4 36.6



#46
 Dibromomethane
 Concen: 53.592 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX011019.D
 Acq: 22 Jul 2019 10:21

Tgt Ion: 93 Resp: 79721
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.2 100.8
 174 112.4 90.6 135.8





#47

Bromodichloromethane

Concen: 55.707 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

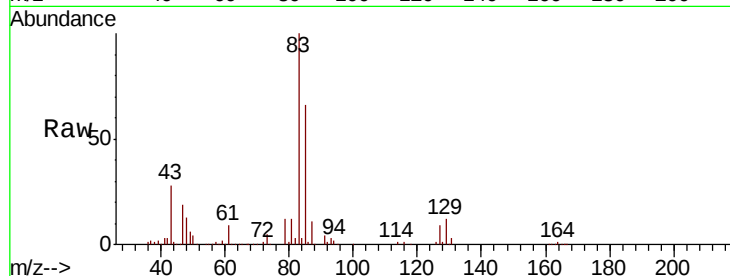
Tot Ion: 83 Resp: 147511

Ion Ratio Lower Upper

83 100

85 66.4 52.5 78.7

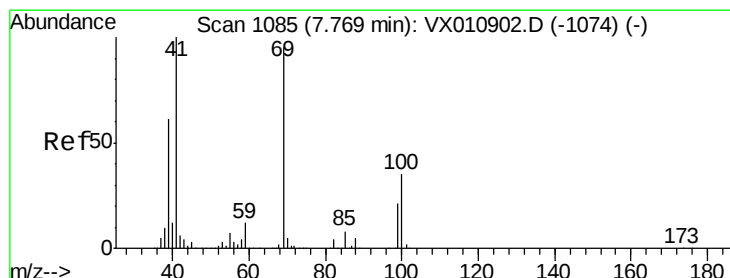
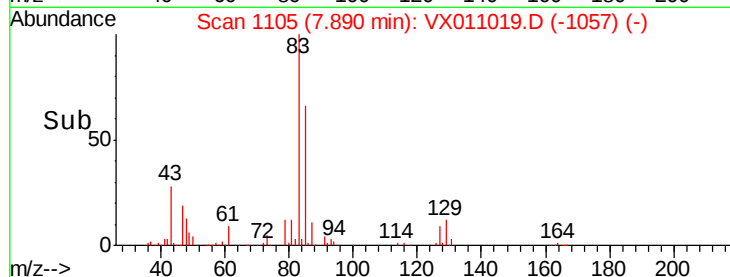
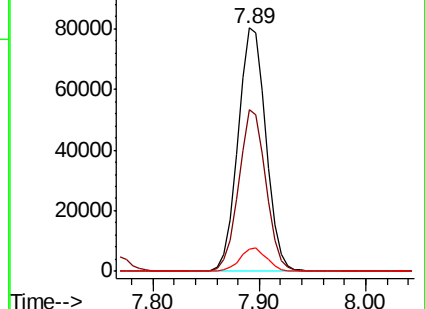
127 9.3 7.8 11.8



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: 54.044 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

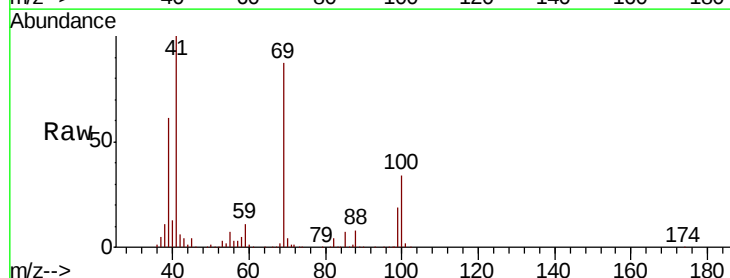
Tgt Ion: 41 Resp: 118364

Ion Ratio Lower Upper

41 100

69 89.1 74.4 111.6

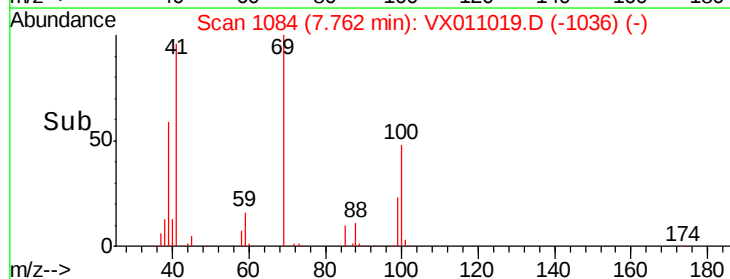
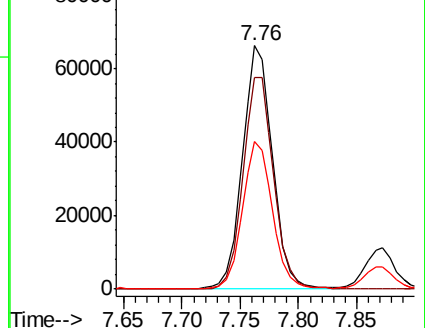
39 60.5 48.9 73.3

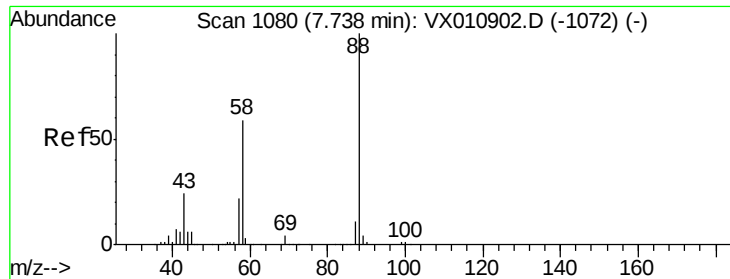


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

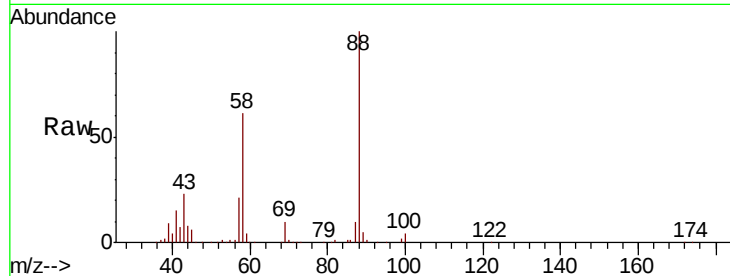




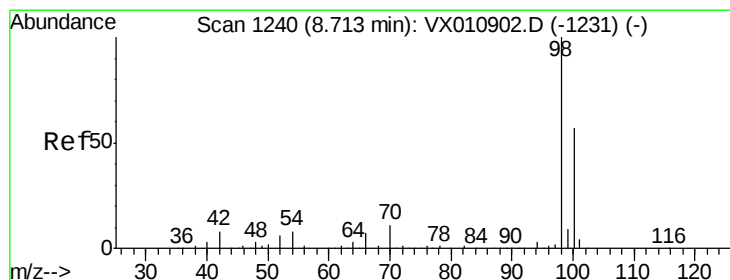
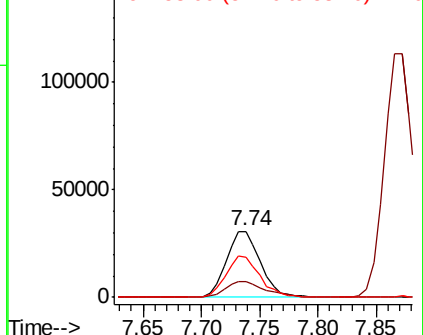
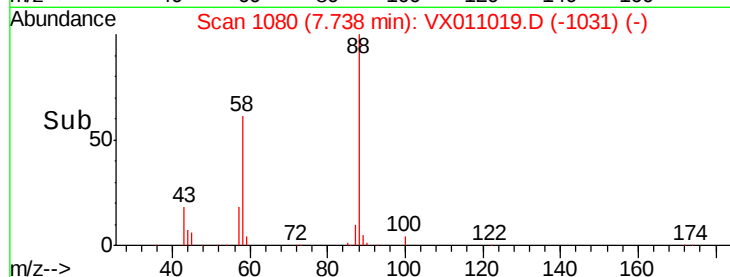
#49
1,4-Dioxane
Concen: 1017.484 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX011019.D
Acq: 22 Jul 2019 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 62334
Ion Ratio Lower Upper
88 100
43 27.6 22.9 34.3
58 62.6 49.8 74.8

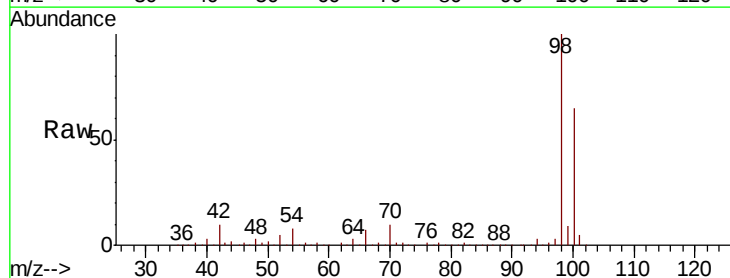


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

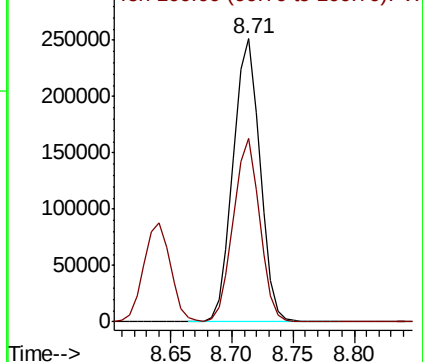
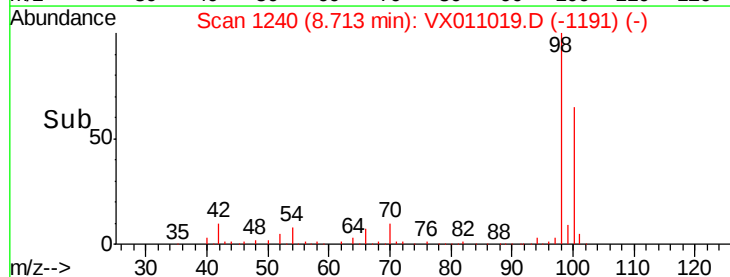


#50
Toluene-d8
Concen: 49.287 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011019.D
Acq: 22 Jul 2019 10:21

Tgt Ion: 98 Resp: 381416
Ion Ratio Lower Upper
98 100
100 63.6 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: 268.278 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

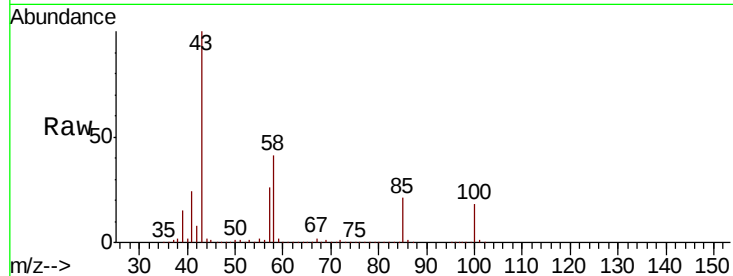
VSTDCCC050

Tot Ion: 43 Resp: 781854

Ion Ratio Lower Upper

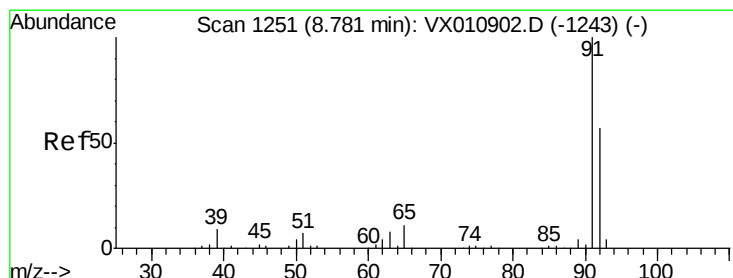
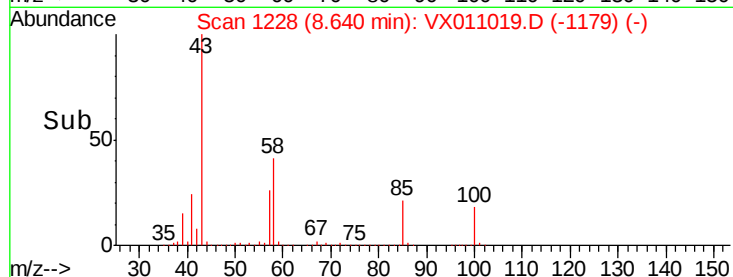
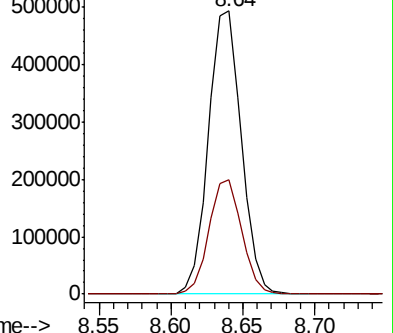
43 100

58 40.2 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.136 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011019.D

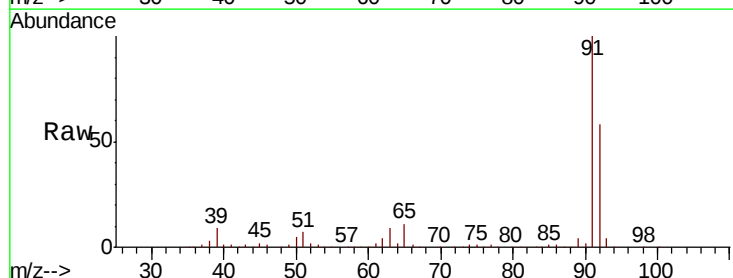
Acq: 22 Jul 2019 10:21

Tgt Ion: 92 Resp: 264017

Ion Ratio Lower Upper

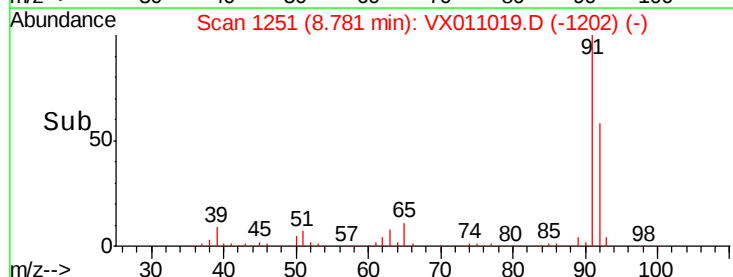
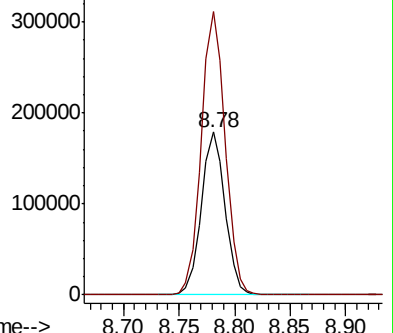
92 100

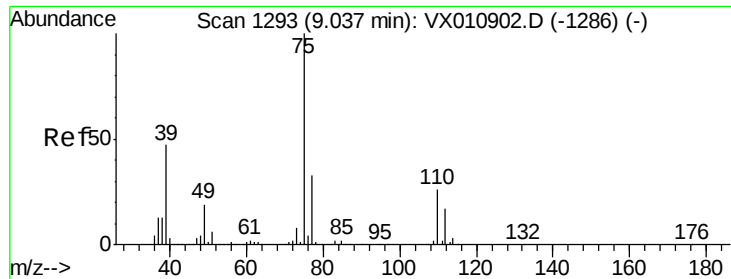
91 175.0 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 58.110 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

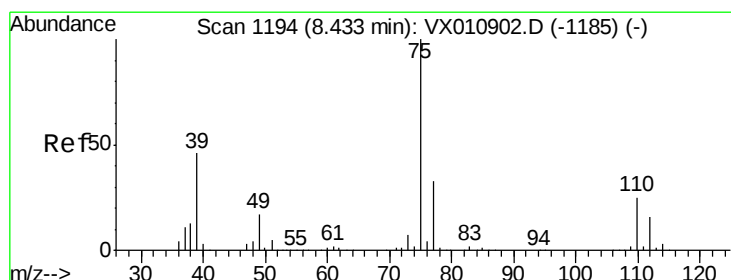
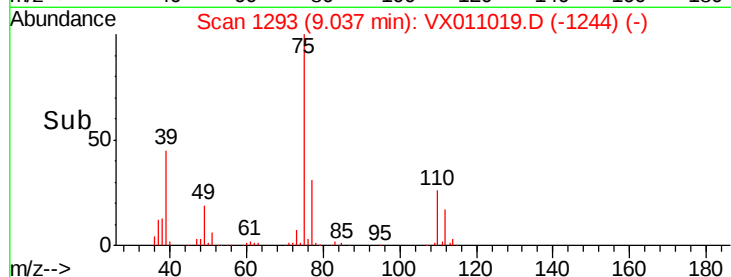
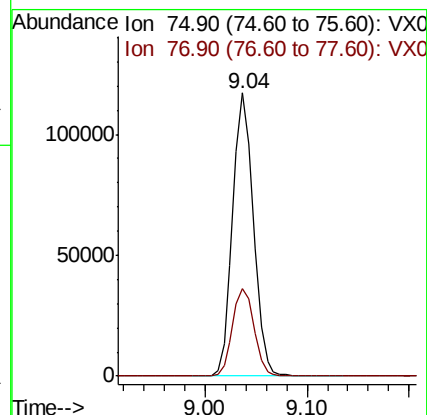
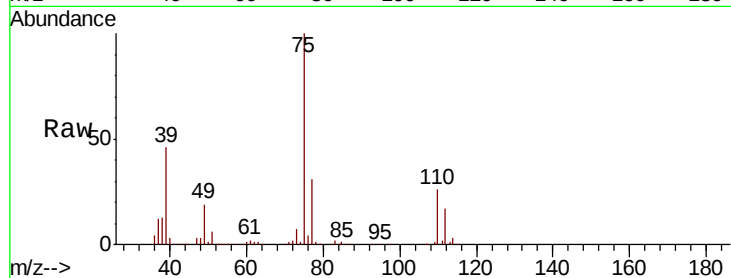
VSTDCCC050

Tot Ion: 75 Resp: 165453

Ion Ratio Lower Upper

75 100

77 31.0 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 55.655 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

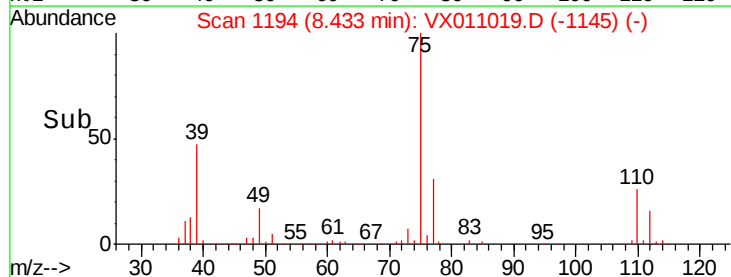
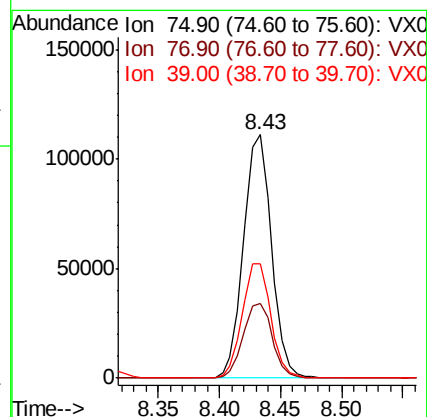
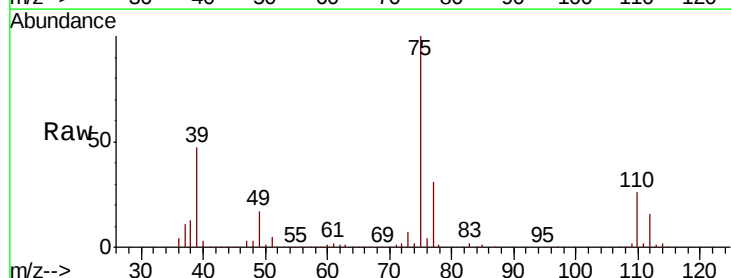
Tgt Ion: 75 Resp: 176330

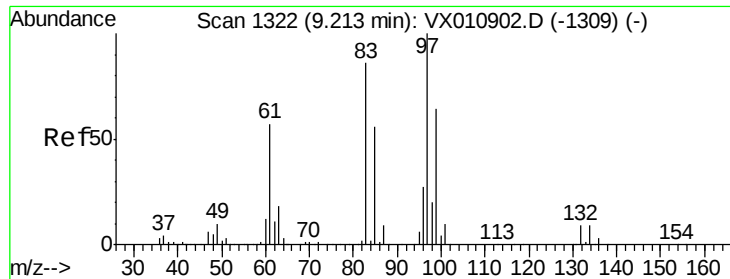
Ion Ratio Lower Upper

75 100

77 30.5 26.1 39.1

39 46.7 36.6 54.8

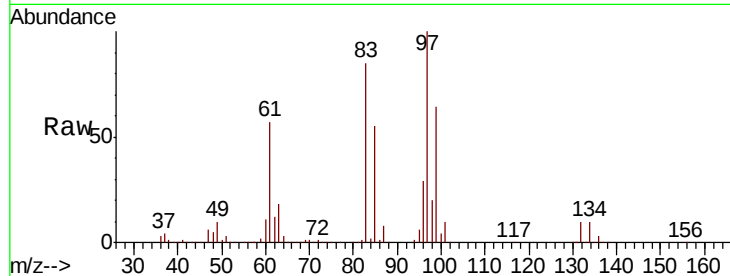




#55
 1,1,2-Trichloroethane
 Concen: 52.998 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011019.D
 Acq: 22 Jul 2019 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	117253
Ion	Ratio	Lower	Upper
97	100		
83	85.1	69.2	103.8
85	55.0	44.6	66.8
99	64.1	51.2	76.8



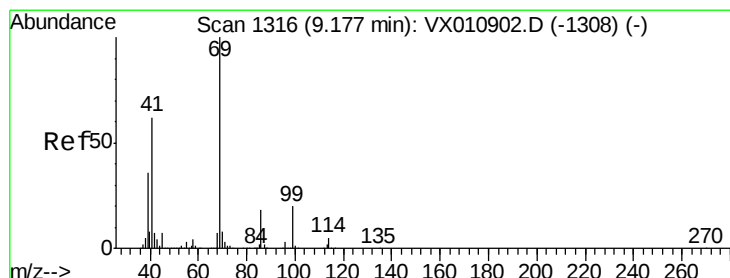
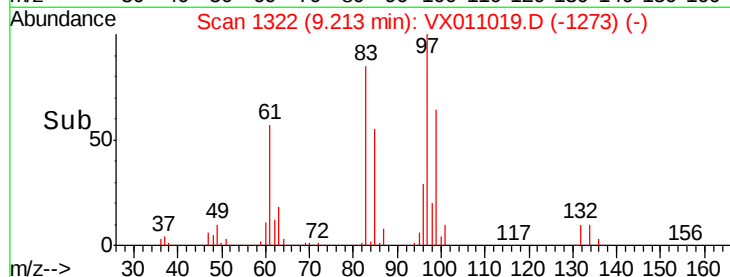
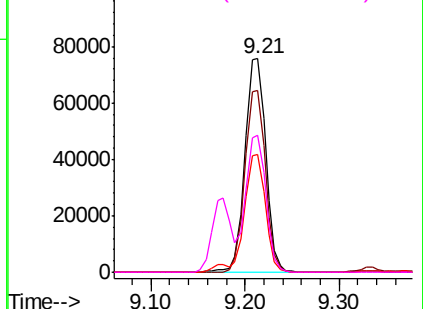
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

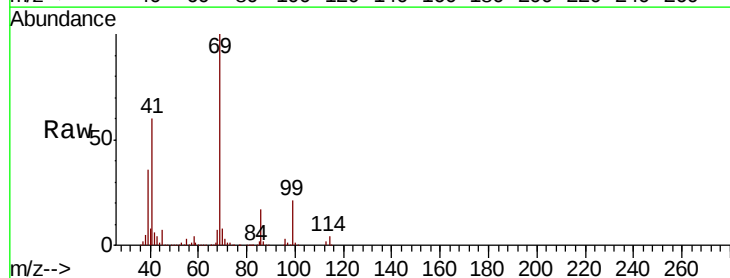
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 55.866 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX011019.D
 Acq: 22 Jul 2019 10:21

Tgt Ion:	69	Resp:	180792
Ion	Ratio	Lower	Upper
69	100		
41	62.9	49.7	74.5
39	37.5	29.6	44.4

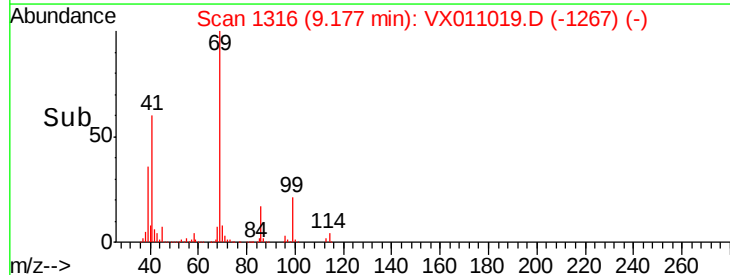
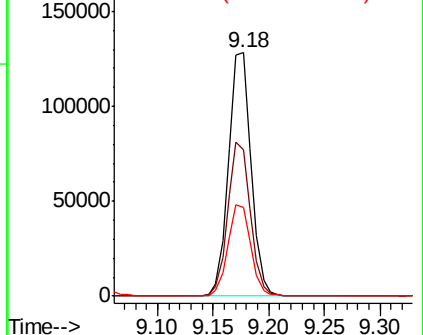


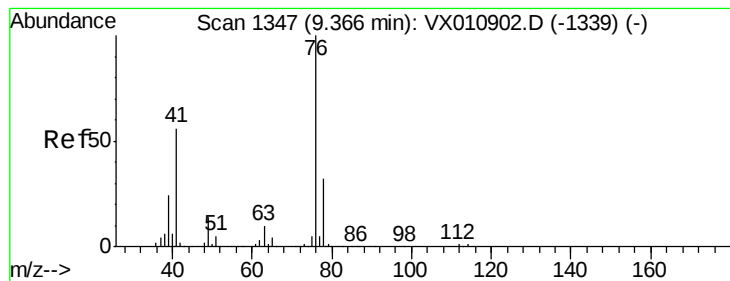
Abundance

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: 51.886 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

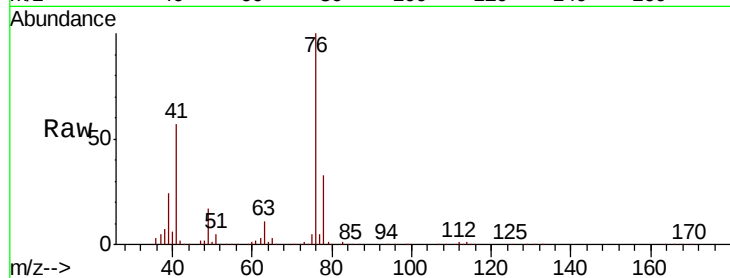
VSTDCCC050

Tot Ion: 76 Resp: 182104

Ion Ratio Lower Upper

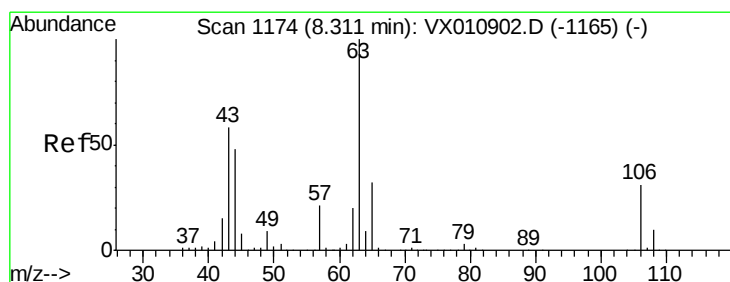
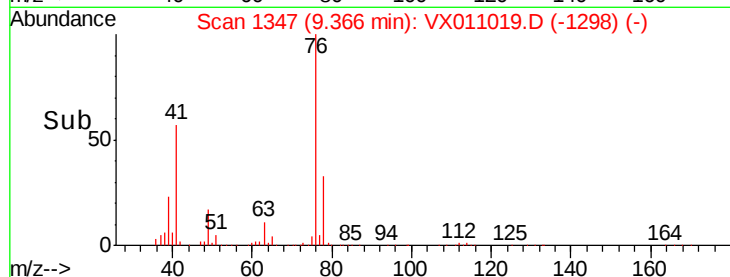
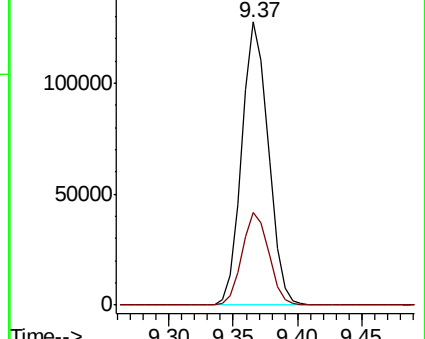
76 100

78 32.9 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 273.428 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX011019.D

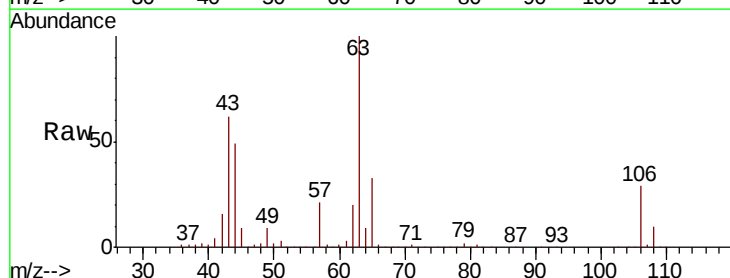
Acq: 22 Jul 2019 10:21

Tgt Ion: 63 Resp: 422400

Ion Ratio Lower Upper

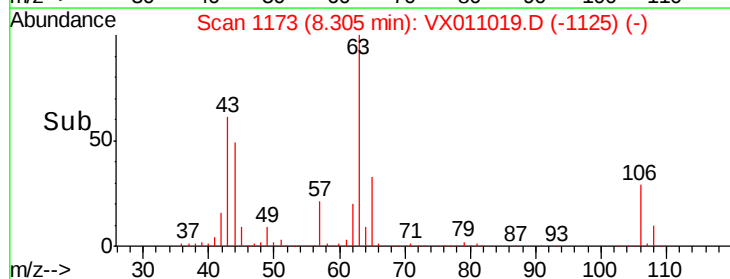
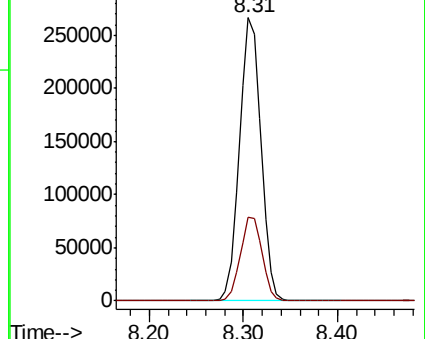
63 100

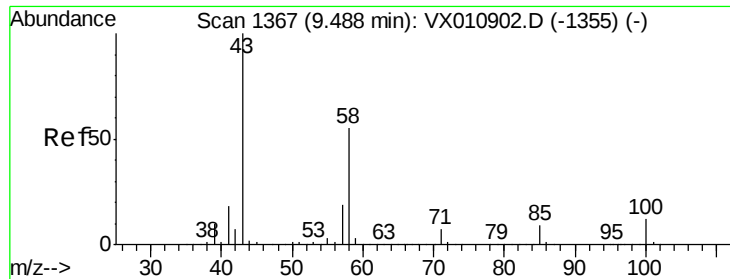
106 30.1 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

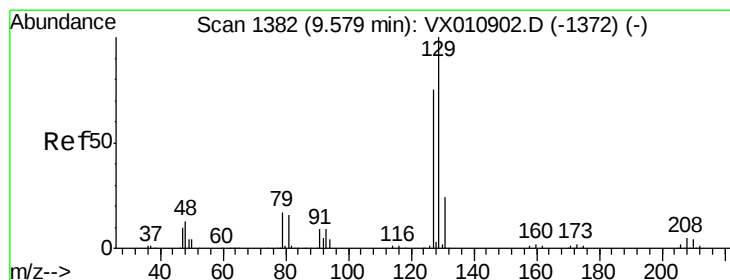
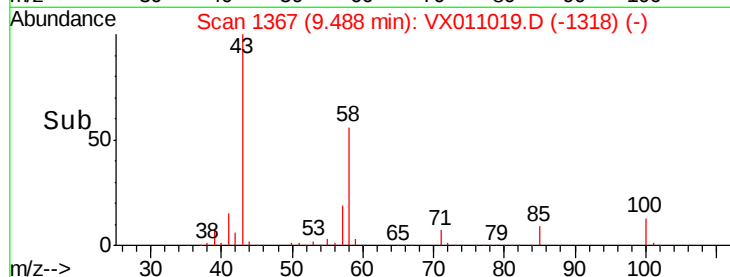
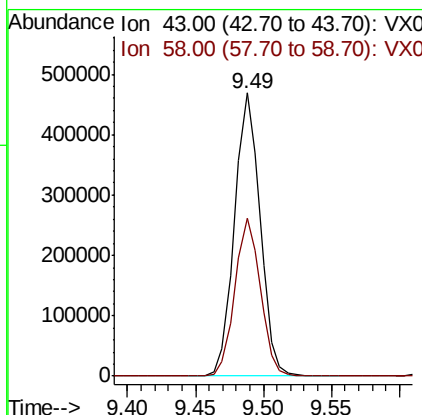
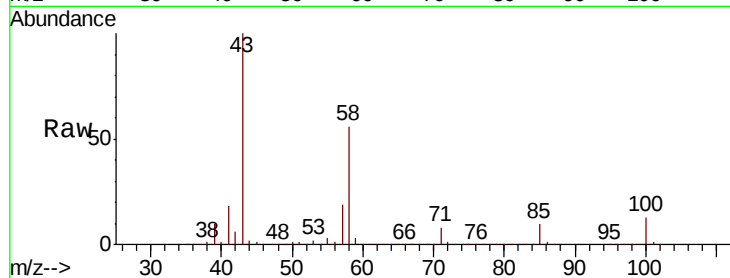




#59
 2-Hexanone
 Concen: 271.742 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VX011019.D
 Acq: 22 Jul 2019 10:21

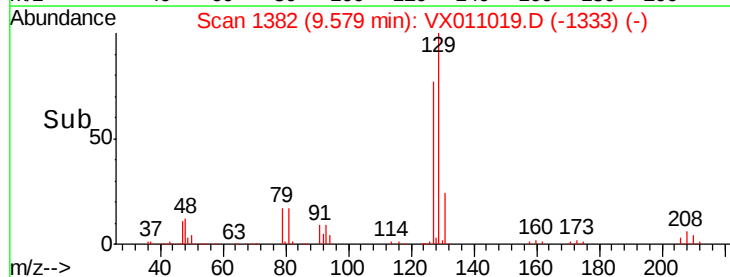
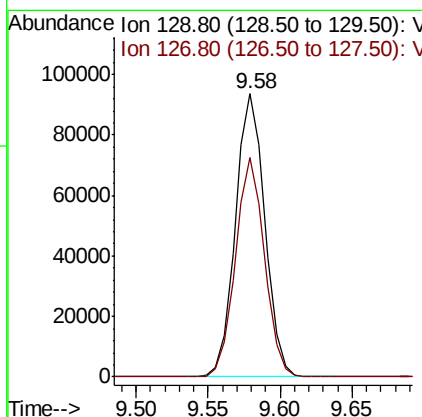
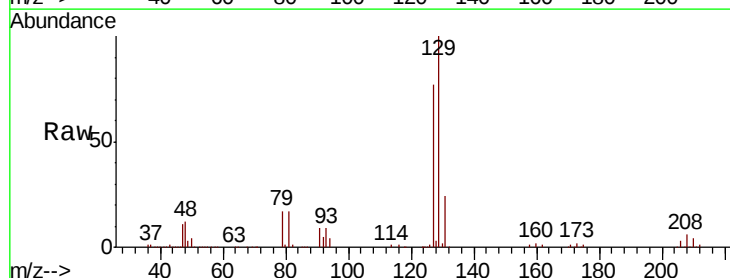
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 614249
 Ion Ratio Lower Upper
 43 100
 58 55.7 28.0 83.9



#60
 Dibromochloromethane
 Concen: 52.196 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VX011019.D
 Acq: 22 Jul 2019 10:21

Tgt Ion:129 Resp: 133199
 Ion Ratio Lower Upper
 129 100
 127 76.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 53.638 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

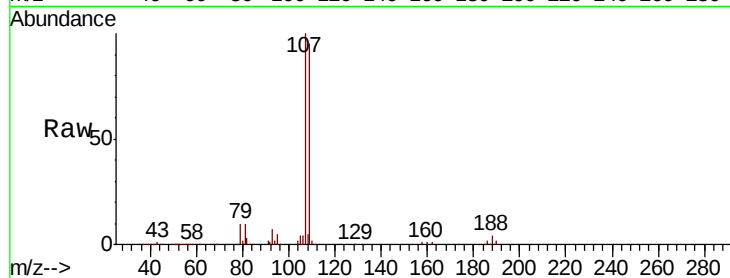
VSTDCCC050

Tot Ion:107 Resp: 125938

Ion Ratio Lower Upper

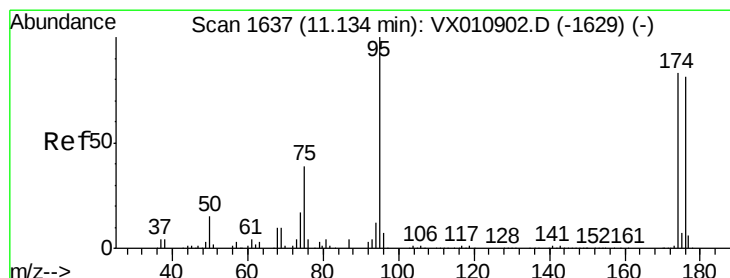
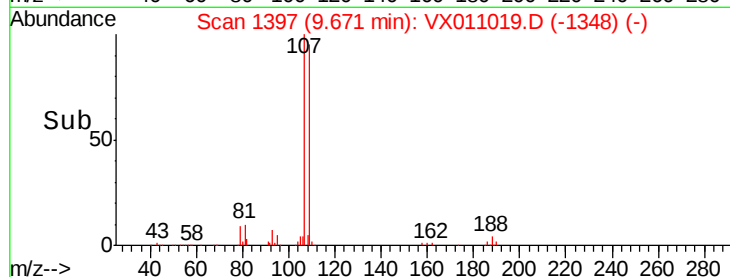
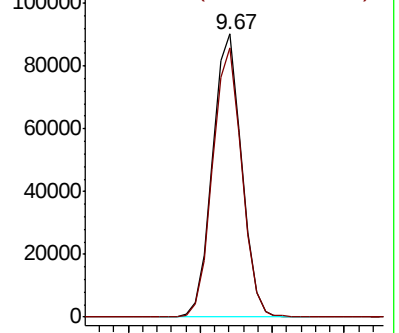
107 100

109 95.7 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.168 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

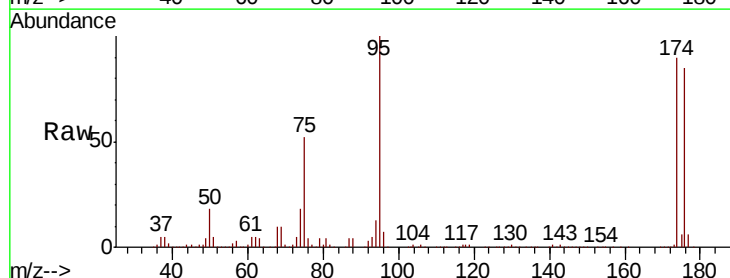
Tgt Ion: 95 Resp: 151237

Ion Ratio Lower Upper

95 100

174 89.6 0.0 180.6

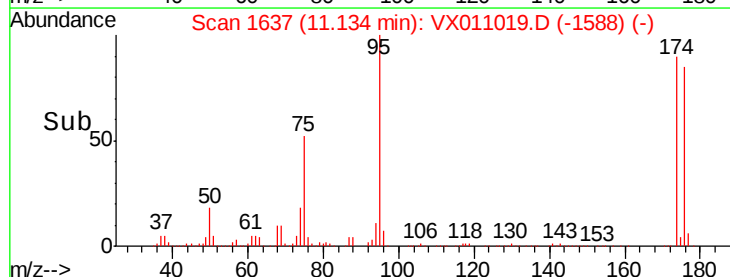
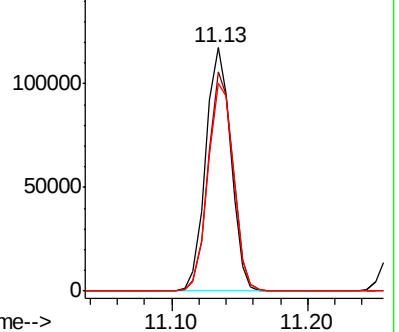
176 87.0 0.0 173.8



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

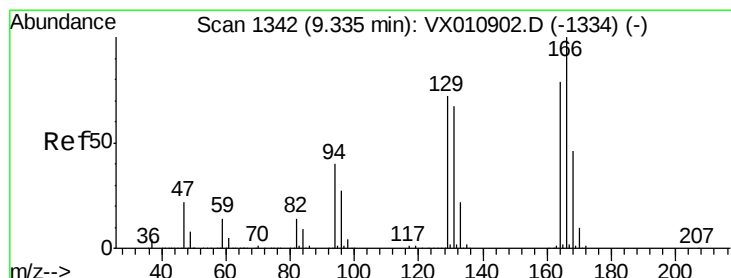
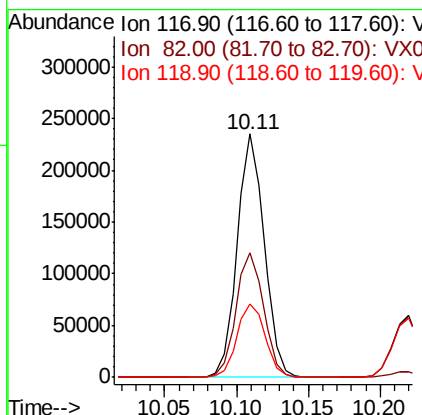
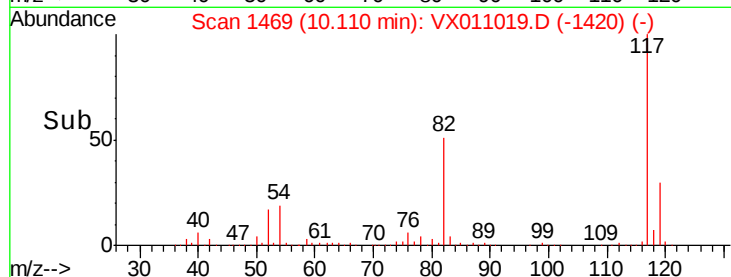
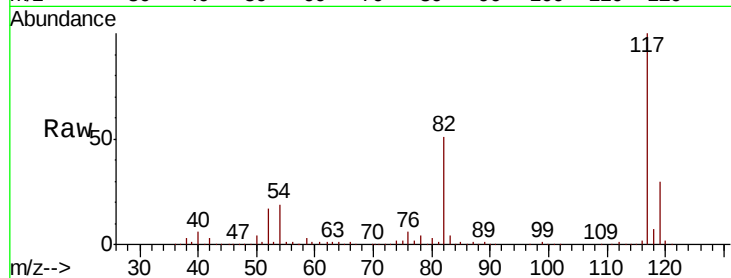




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011019.D
Acq: 22 Jul 2019 10:21

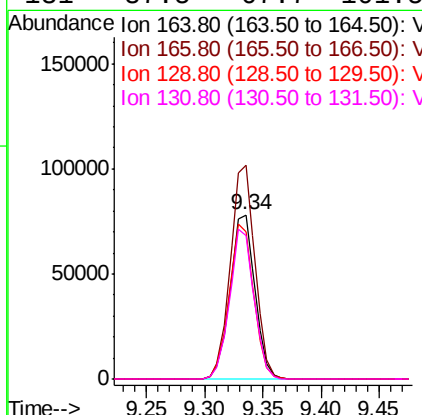
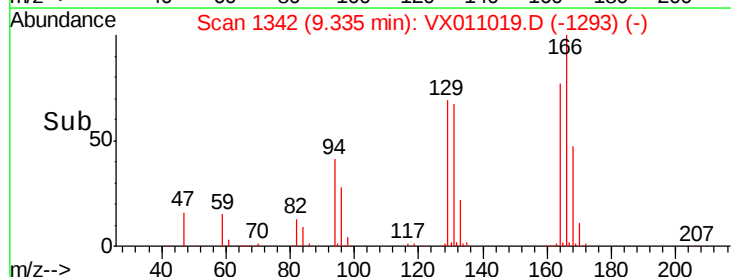
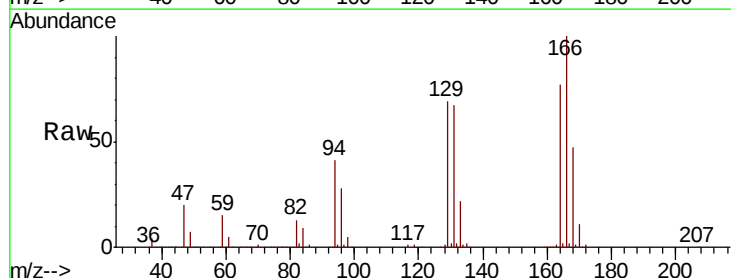
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

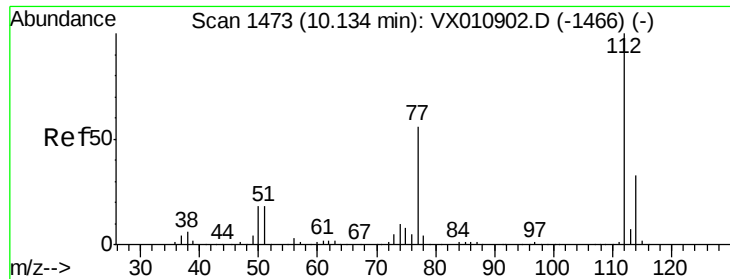
Tot Ion:117 Resp: 307777
Ion Ratio Lower Upper
117 100
82 51.3 42.6 63.8
119 30.3 25.9 38.9



#64
Tetrachloroethene
Concen: 47.965 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011019.D
Acq: 22 Jul 2019 10:21

Tgt Ion:164 Resp: 116134
Ion Ratio Lower Upper
164 100
166 130.1 100.8 151.2
129 89.9 72.6 109.0
131 87.5 67.7 101.5

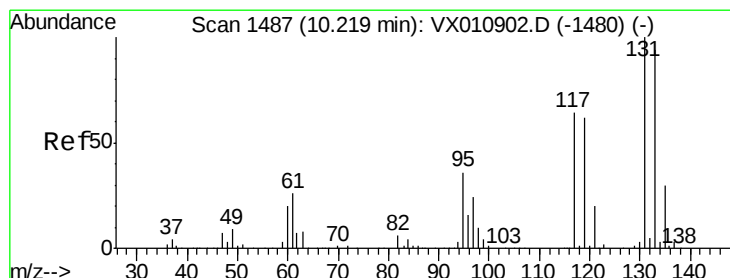
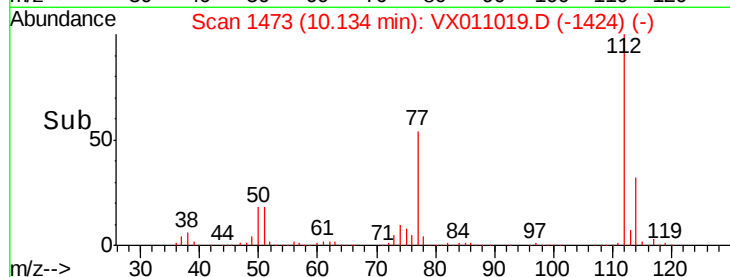
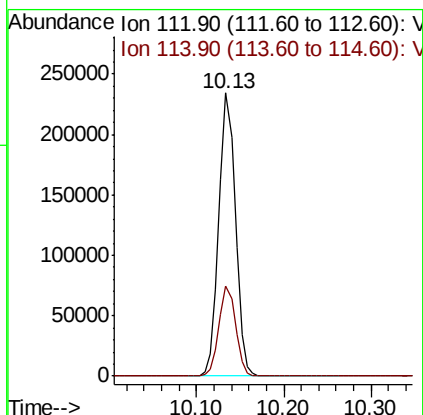
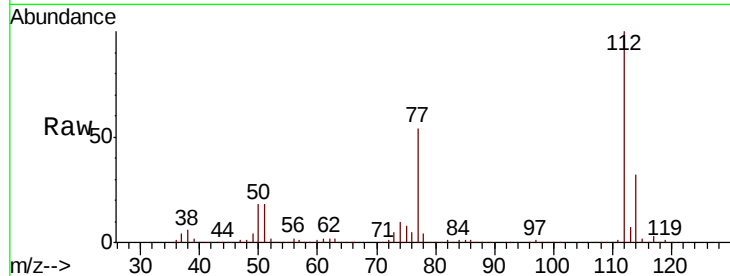




#65
Chlorobenzene
Concen: 48.761 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011019.D
Acq: 22 Jul 2019 10:21

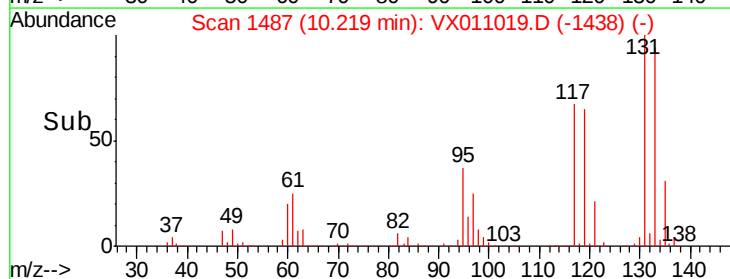
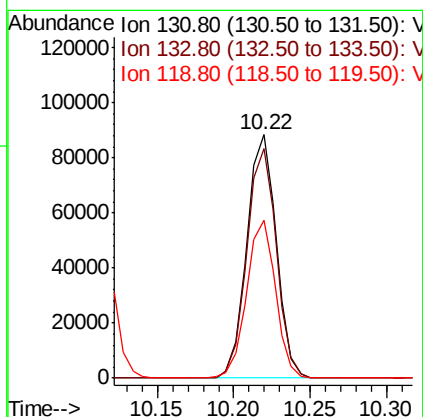
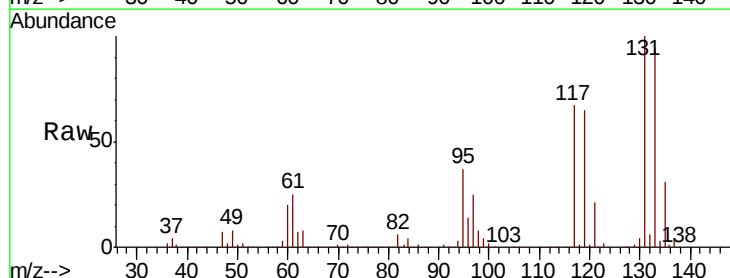
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

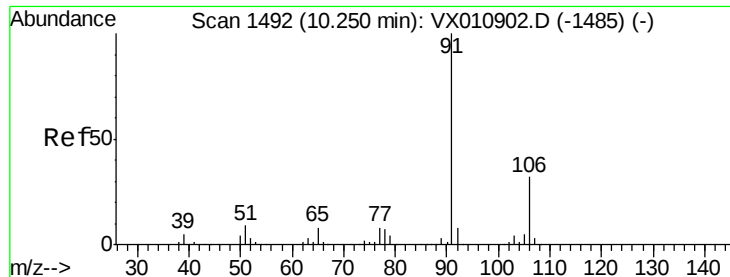
Tot Ion:112 Resp: 308241
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.301 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011019.D
Acq: 22 Jul 2019 10:21

Tgt Ion:131 Resp: 118420
Ion Ratio Lower Upper
131 100
133 94.5 47.1 141.4
119 63.6 31.9 95.7

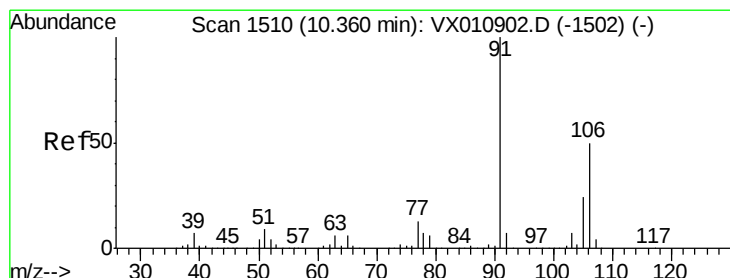
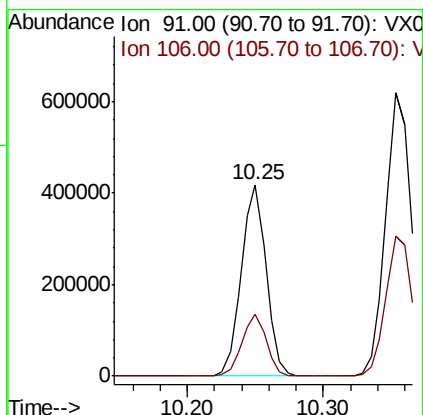
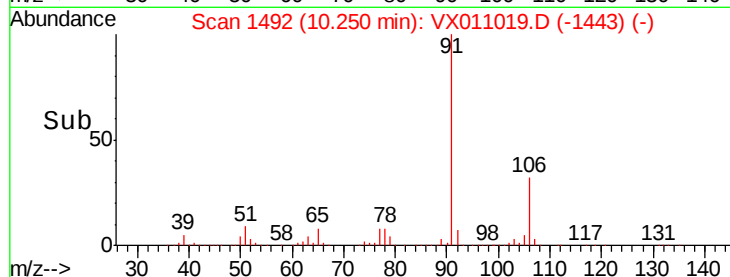
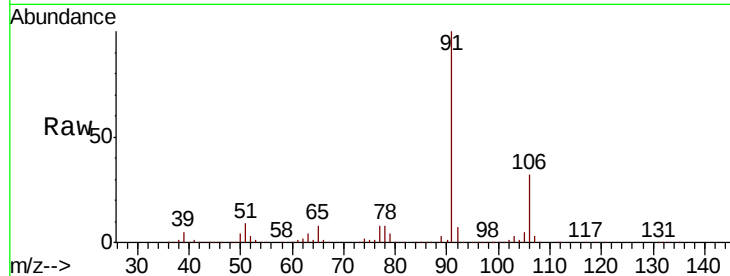




#67
Ethyl Benzene
Concen: 49.469 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011019.D
Acq: 22 Jul 2019 10:21

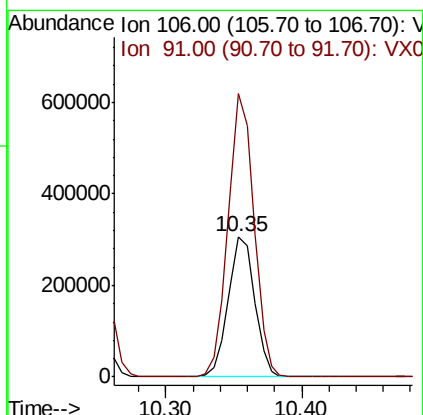
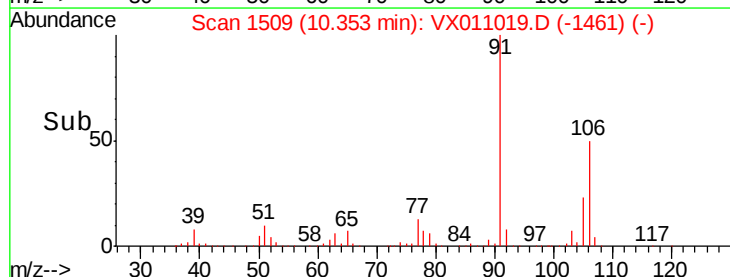
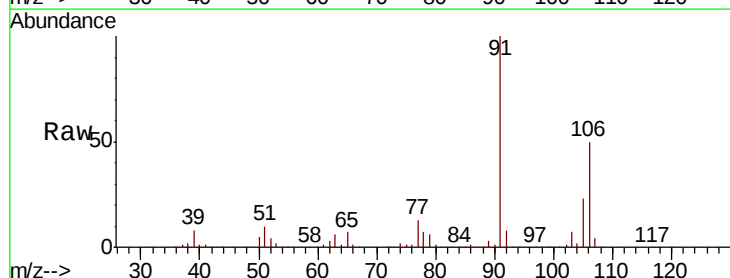
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

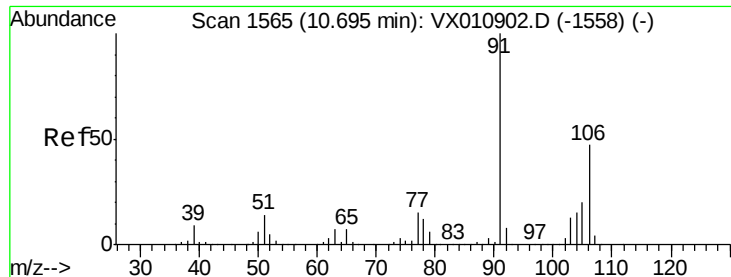
Tot Ion: 91 Resp: 532281
Ion Ratio Lower Upper
91 100
106 32.1 25.4 38.2



#68
m/p-Xylenes
Concen: 100.431 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011019.D
Acq: 22 Jul 2019 10:21

Tgt Ion: 106 Resp: 414521
Ion Ratio Lower Upper
106 100
91 198.8 160.1 240.1

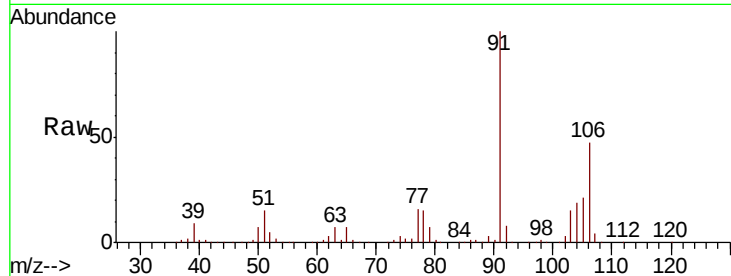




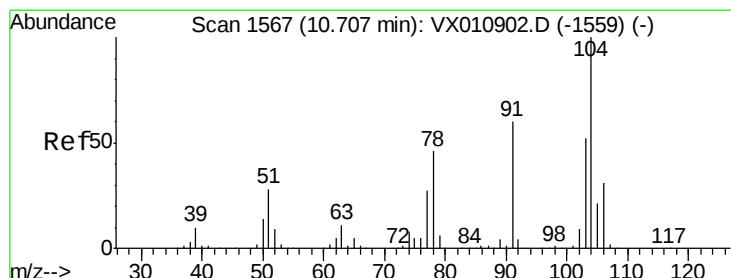
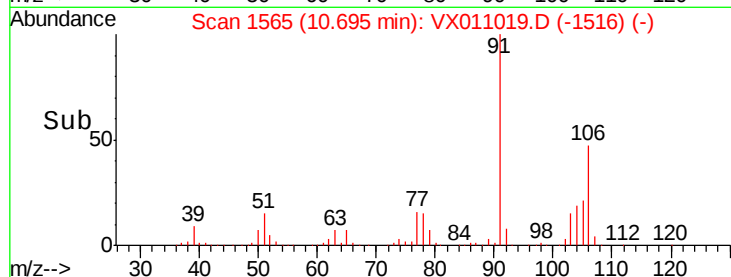
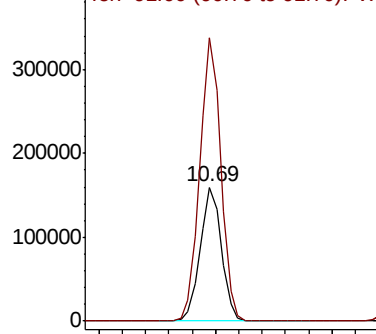
#69
o-Xylene
Concen: 50.075 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011019.D
Acq: 22 Jul 2019 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 201709
Ion Ratio Lower Upper
106 100
91 211.2 105.1 315.3

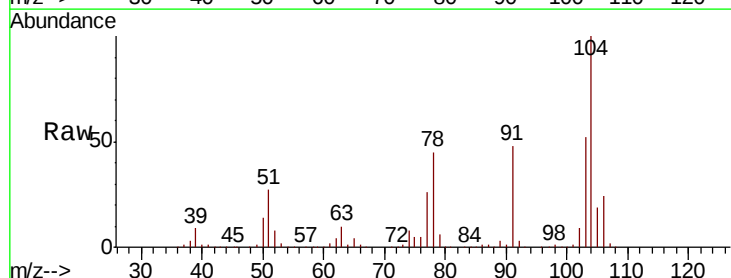


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

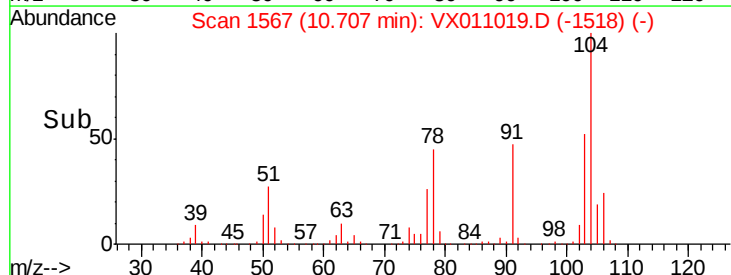
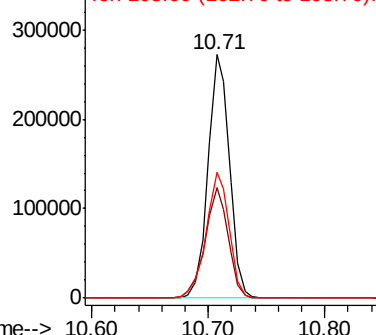


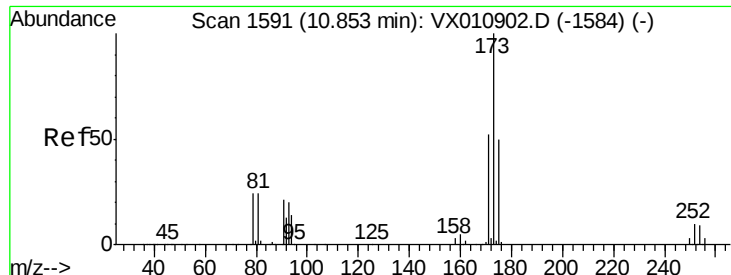
#70
Styrene
Concen: 52.139 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011019.D
Acq: 22 Jul 2019 10:21

Tgt Ion:104 Resp: 350108
Ion Ratio Lower Upper
104 100
78 48.7 38.8 58.2
103 55.5 44.2 66.4



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





#71

Bromoform

Concen: 51.553 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

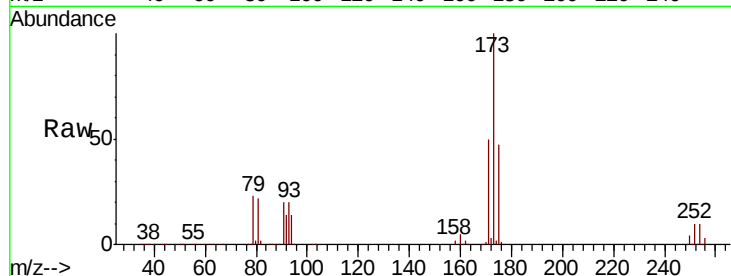
Tot Ion:173 Resp: 104455

Ion Ratio Lower Upper

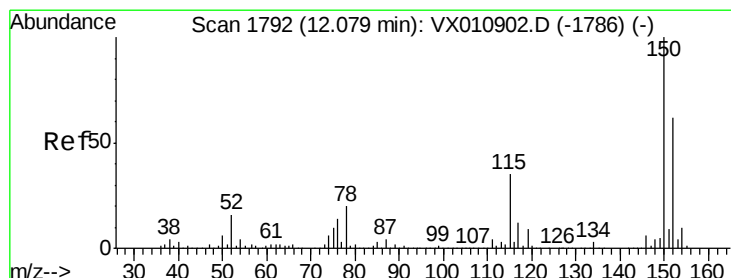
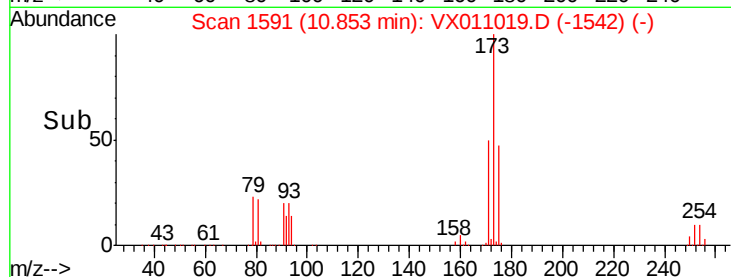
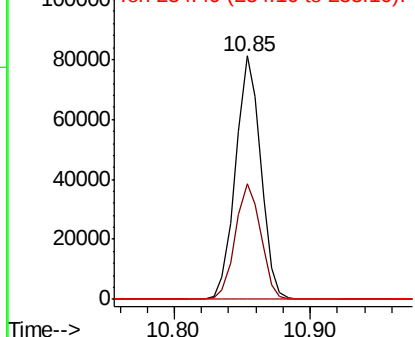
173 100

175 48.2 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: VX011019.D

Acq: 22 Jul 2019 10:21

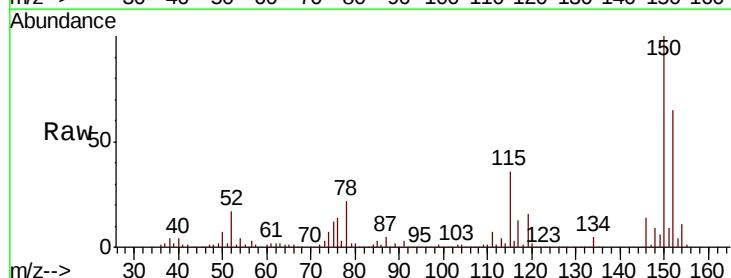
Tgt Ion:152 Resp: 168396

Ion Ratio Lower Upper

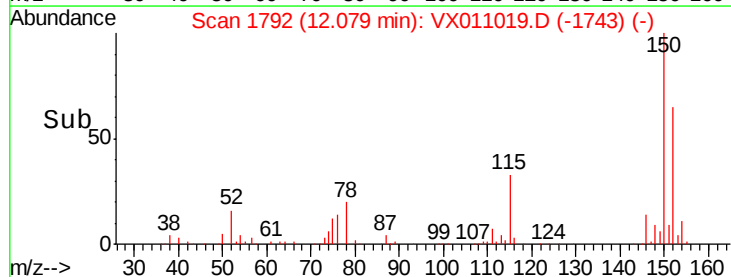
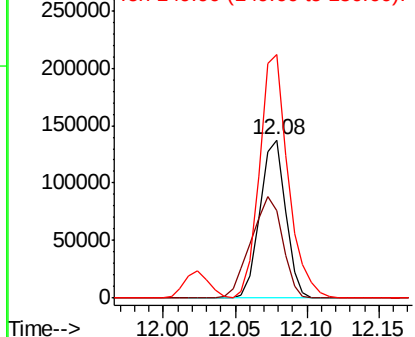
152 100

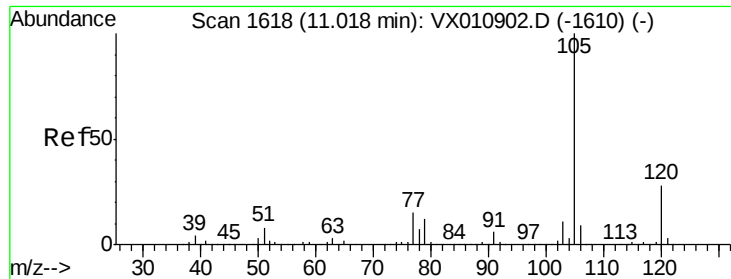
115 79.9 39.7 119.1

150 171.4 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: 47.747 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

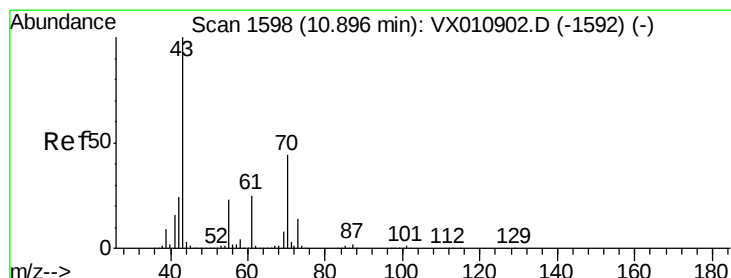
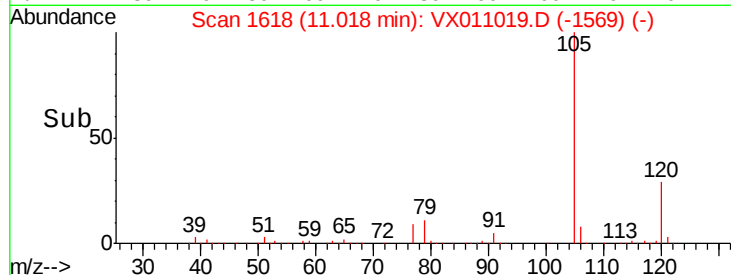
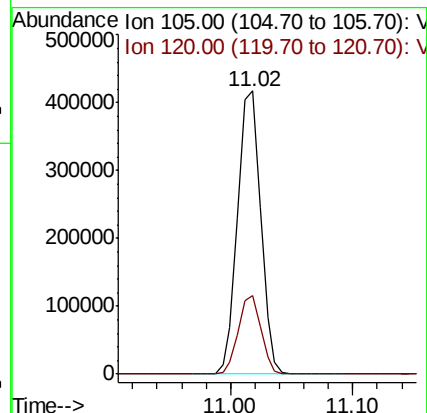
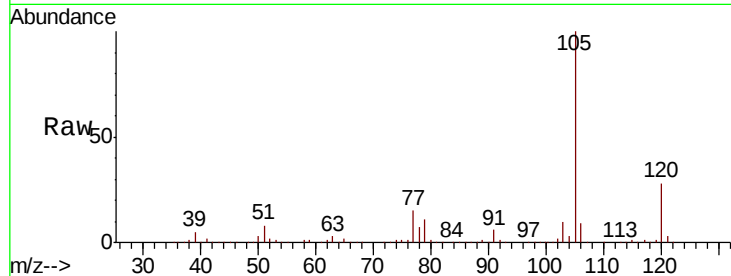
VSTDCCC050

Tot Ion:105 Resp: 543290

Ion Ratio Lower Upper

105 100

120 27.2 13.7 41.1



#74

N-ethyl acetate

Concen: 51.896 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

Tgt Ion: 43 Resp: 225623

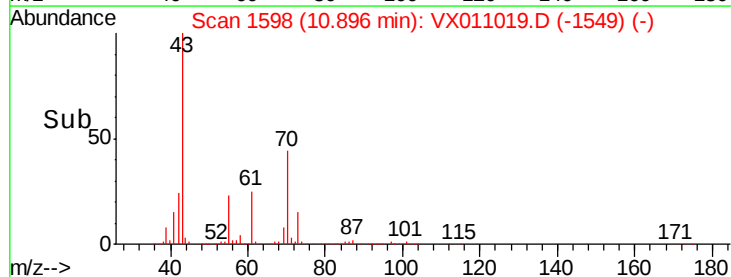
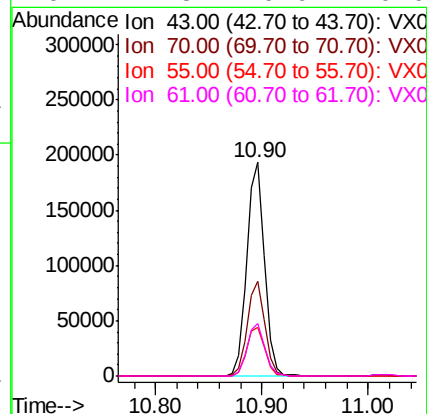
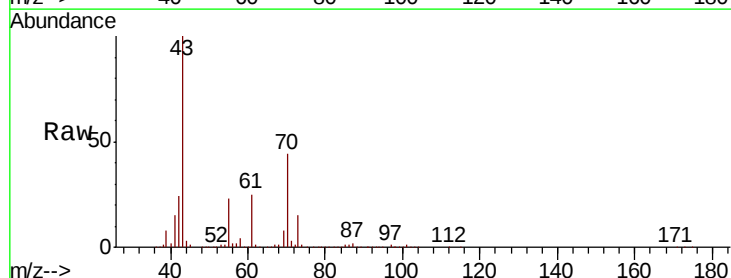
Ion Ratio Lower Upper

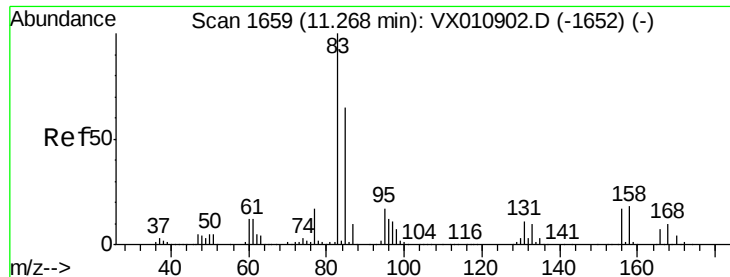
43 100

70 43.9 34.7 52.1

55 23.9 19.1 28.7

61 24.8 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 49.518 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

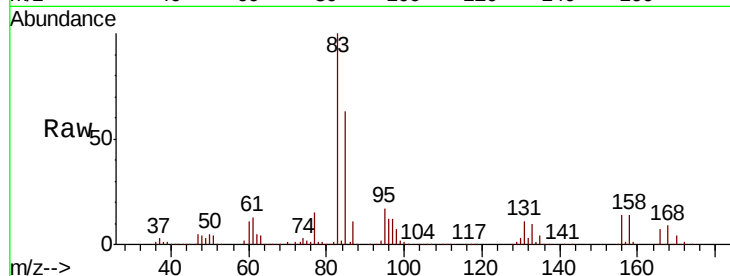
Tot Ion: 83 Resp: 184390

Ion Ratio Lower Upper

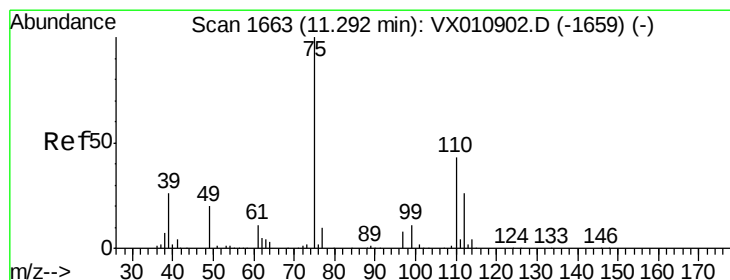
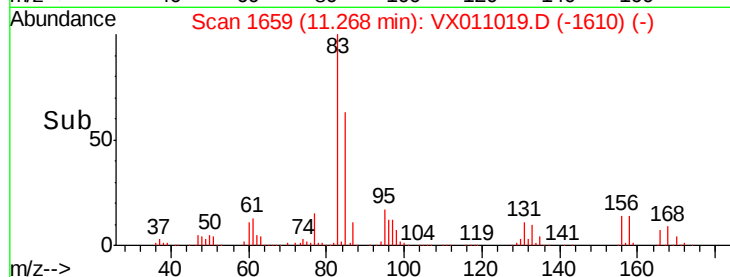
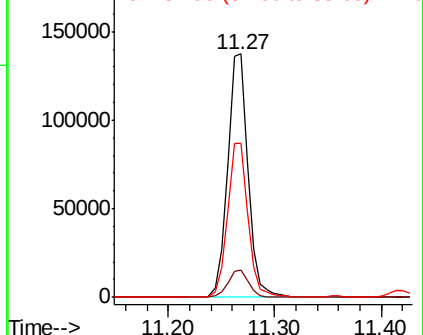
83 100

131 11.2 5.5 16.4

85 63.9 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: 68.799 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011019.D

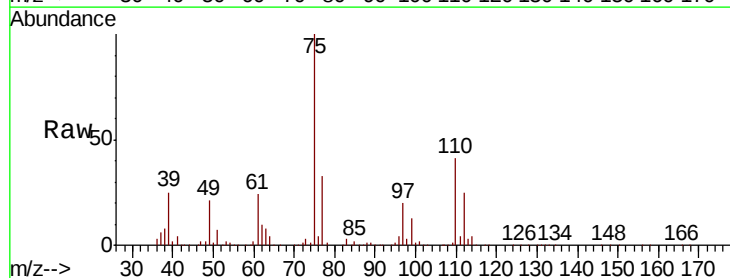
Acq: 22 Jul 2019 10:21

Tgt Ion: 75 Resp: 209066

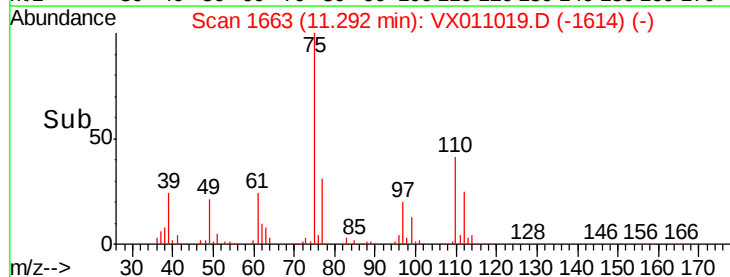
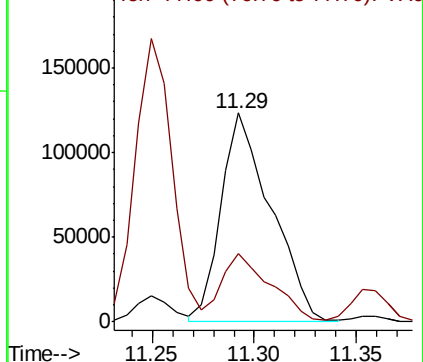
Ion Ratio Lower Upper

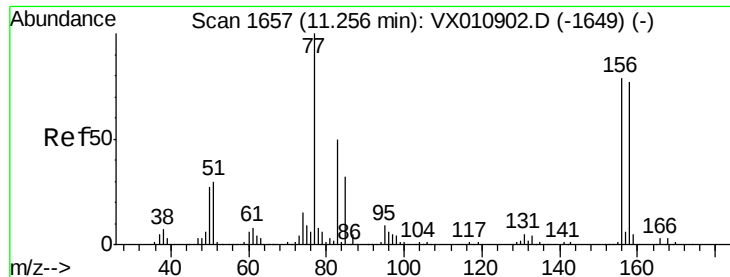
75 100

77 32.0 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: 47.854 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

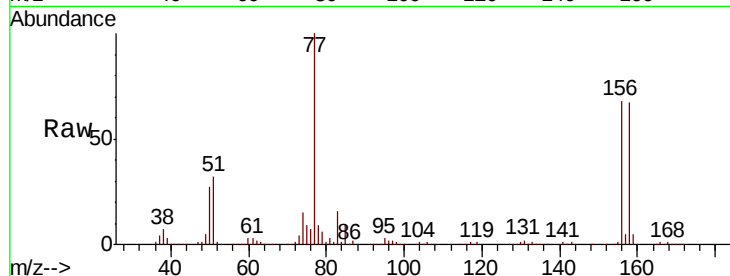
Tot Ion:156 Resp: 150194

Ion Ratio Lower Upper

156 100

77 140.7 68.7 206.1

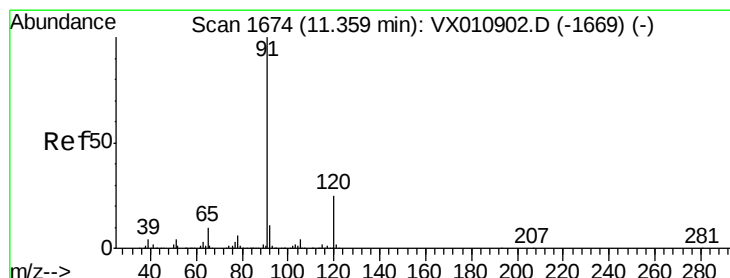
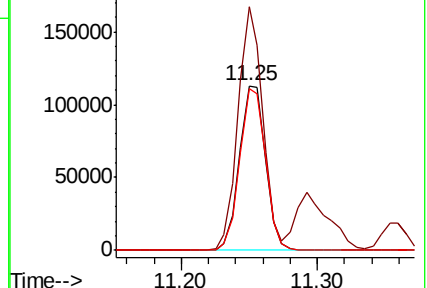
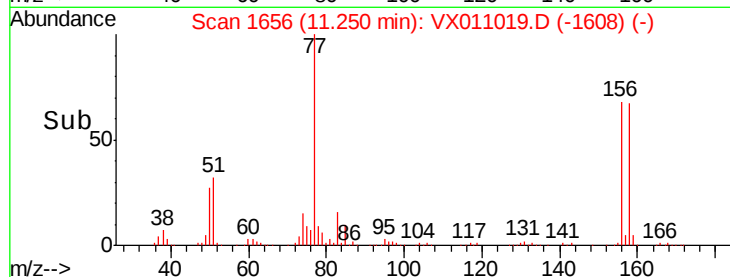
158 97.7 47.9 143.7



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: 48.775 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011019.D

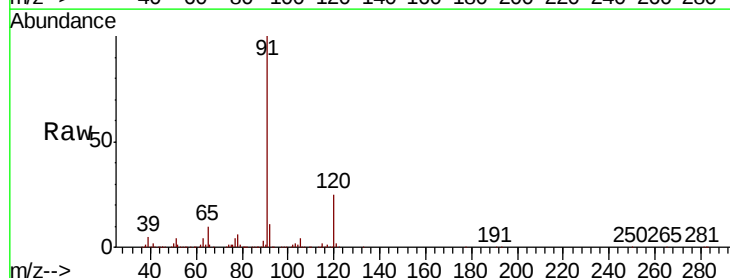
Acq: 22 Jul 2019 10:21

Tgt Ion: 91 Resp: 613210

Ion Ratio Lower Upper

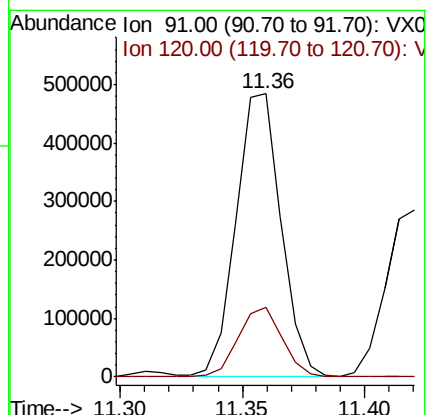
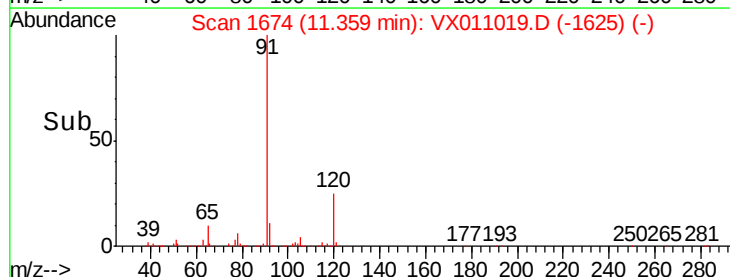
91 100

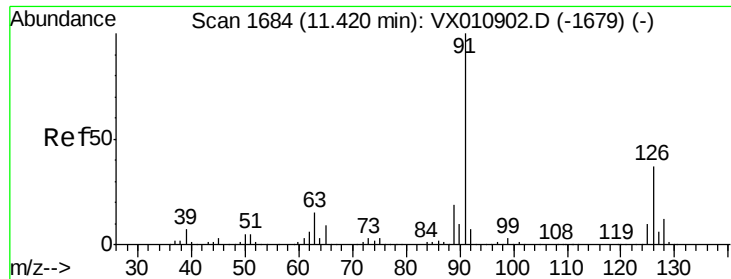
120 24.3 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

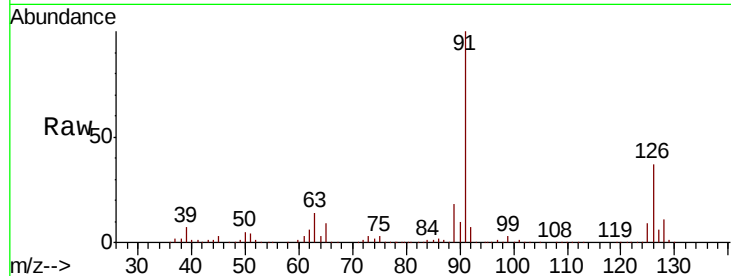




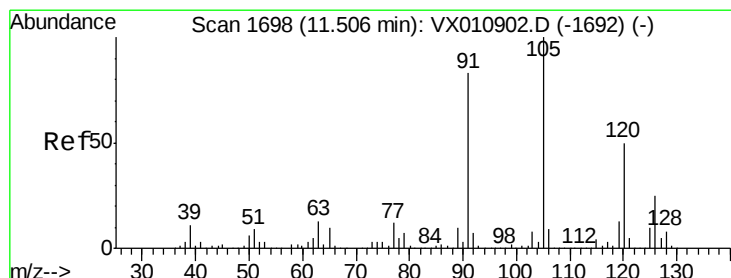
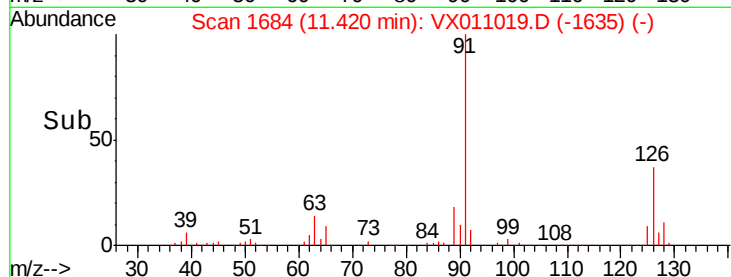
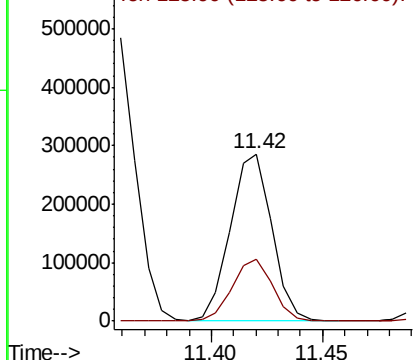
#79
 2-Chlorotoluene
 Concen: 48.883 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX011019.D
 Acq: 22 Jul 2019 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 369188
 Ion Ratio Lower Upper
 91 100
 126 36.5 18.0 54.0

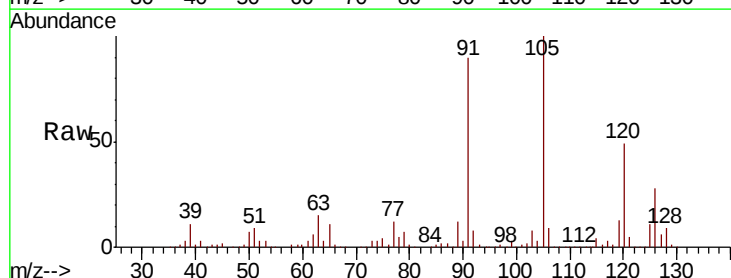


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

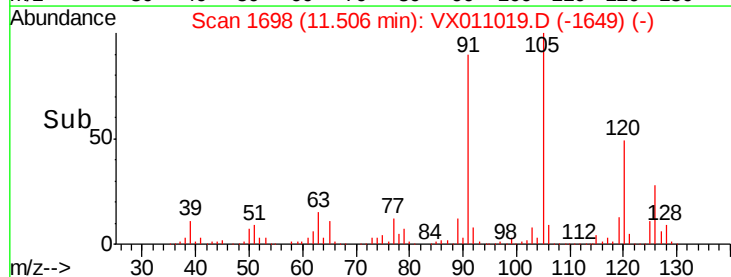
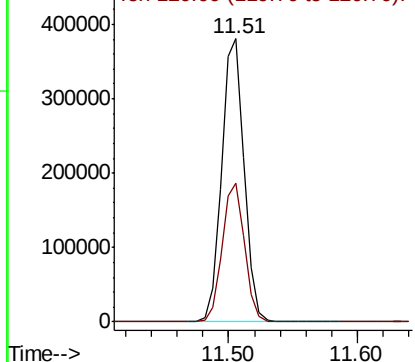


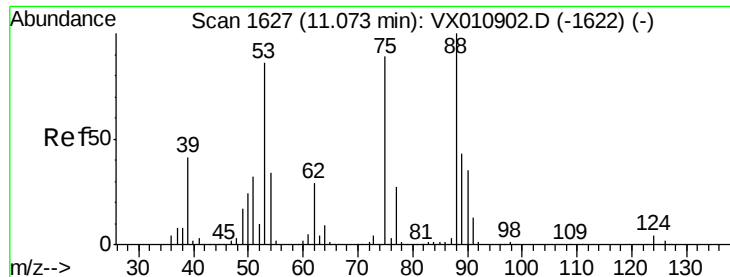
#80
 1,3,5-Trimethylbenzene
 Concen: 49.155 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX011019.D
 Acq: 22 Jul 2019 10:21

Tgt Ion: 105 Resp: 467356
 Ion Ratio Lower Upper
 105 100
 120 48.9 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: 49.457 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

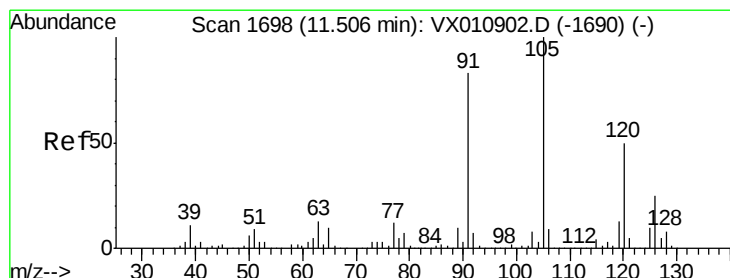
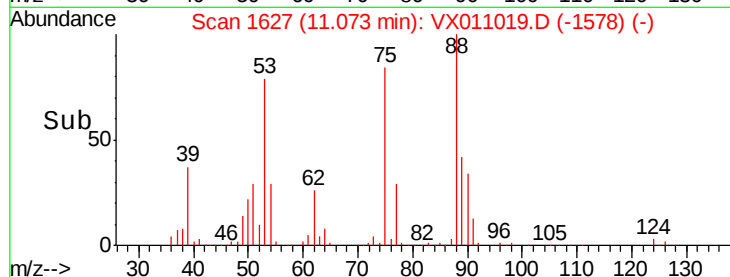
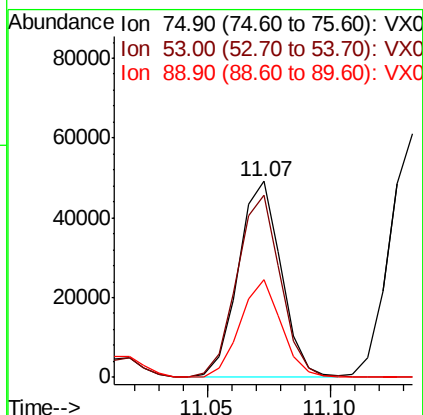
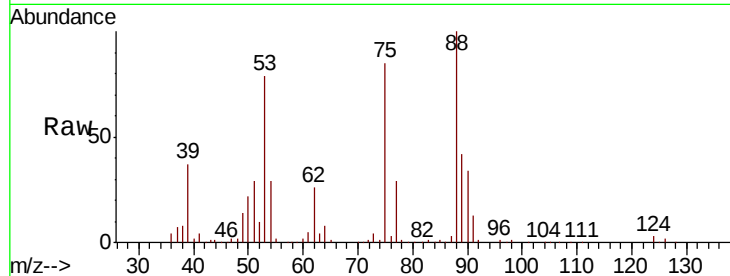
Tot Ion: 75 Resp: 59264

Ion Ratio Lower Upper

75 100

53 94.5 76.7 115.1

89 48.1 38.5 57.7



#82

4-Chlorotoluene

Concen: 49.073 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011019.D

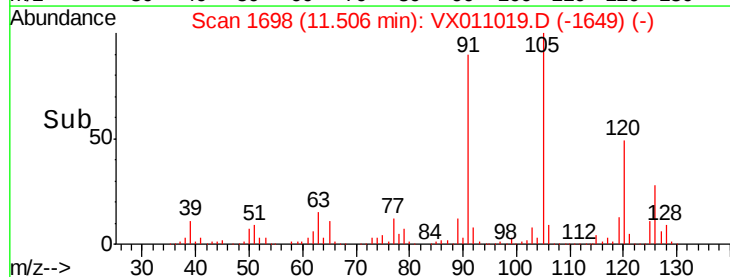
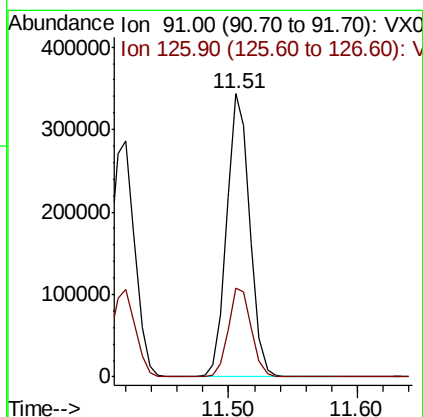
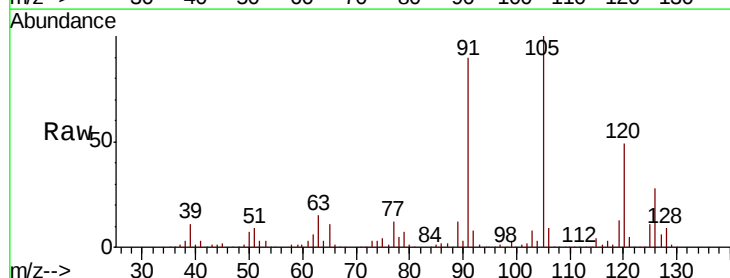
Acq: 22 Jul 2019 10:21

Tgt Ion: 91 Resp: 431363

Ion Ratio Lower Upper

91 100

126 31.5 15.9 47.7

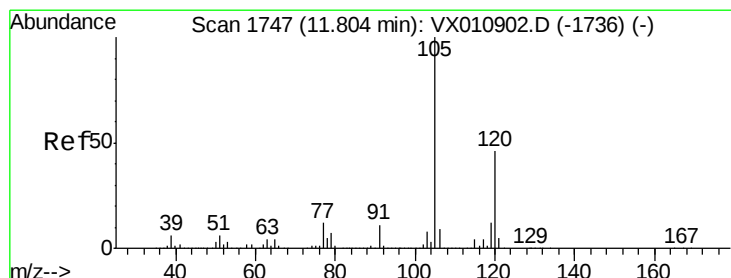
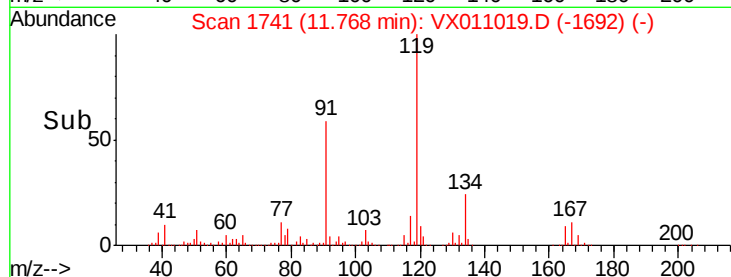
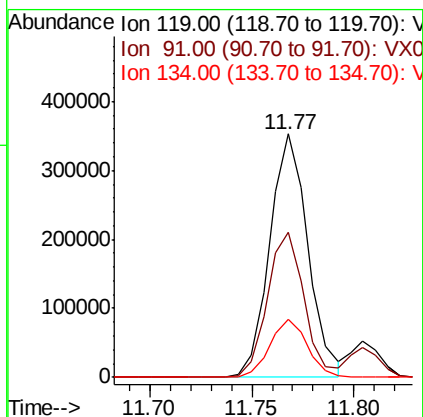
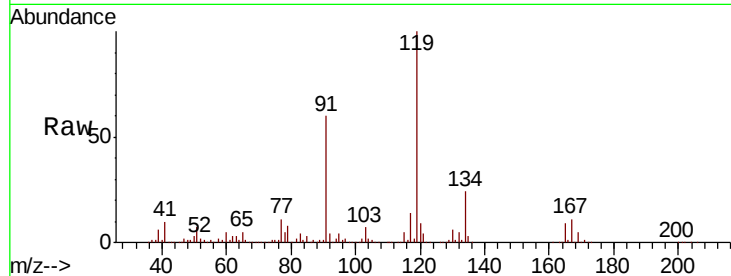




#83
tert-Butylbenzene
Concen: 49.285 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX011019.D
Acq: 22 Jul 2019 10:21

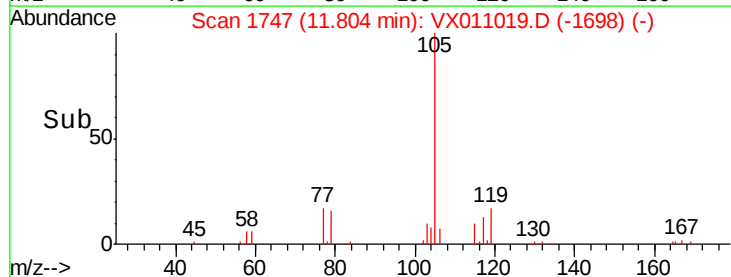
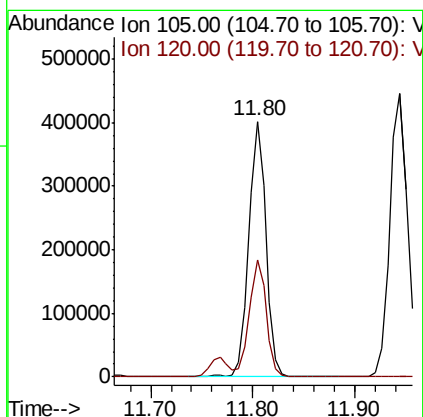
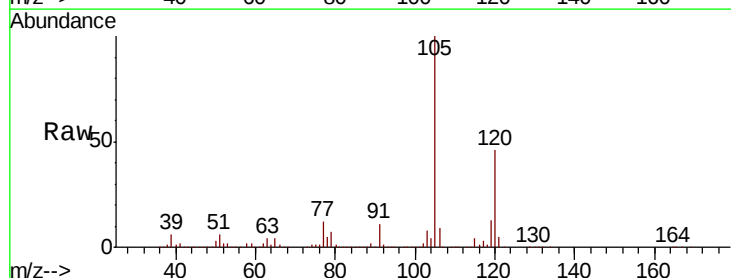
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

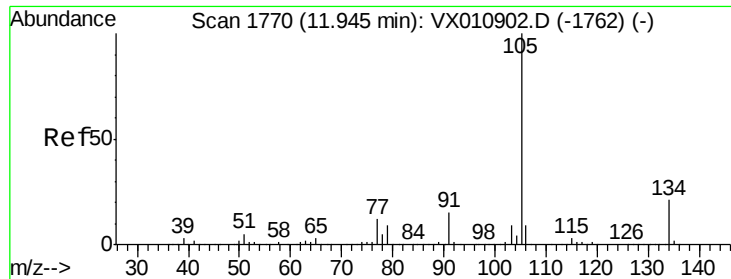
Tot Ion:119 Resp: 460279
Ion Ratio Lower Upper
119 100
91 57.6 28.6 85.8
134 23.4 11.6 34.8



#84
1,2,4-Trimethylbenzene
Concen: 49.254 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011019.D
Acq: 22 Jul 2019 10:21

Tgt Ion:105 Resp: 471999
Ion Ratio Lower Upper
105 100
120 45.5 22.9 68.5





#85

sec-Butylbenzene

Concen: 49.581 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

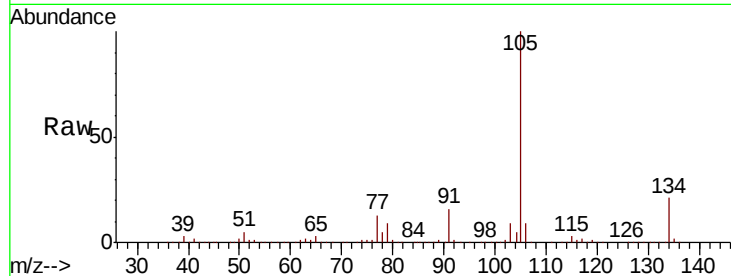
VSTDCCC050

Tot Ion:105 Resp: 542569

Ion Ratio Lower Upper

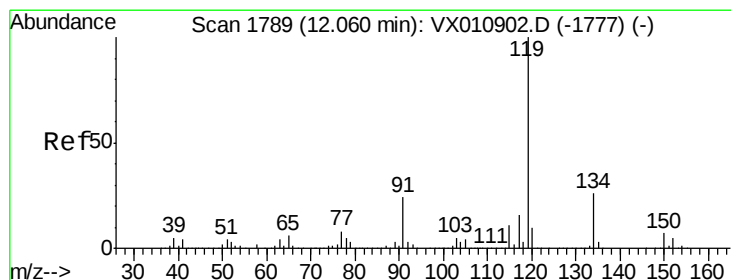
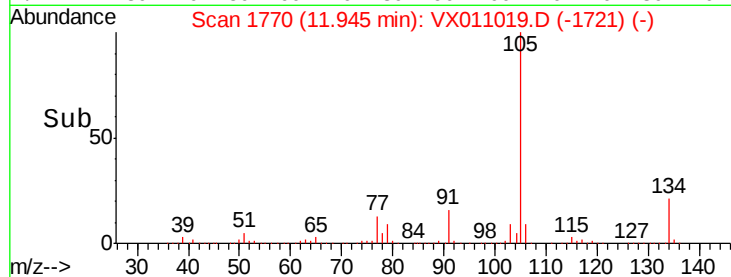
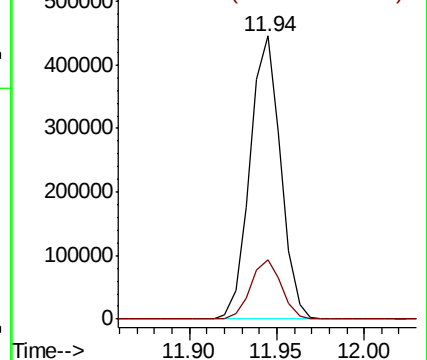
105 100

134 20.8 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: 50.700 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

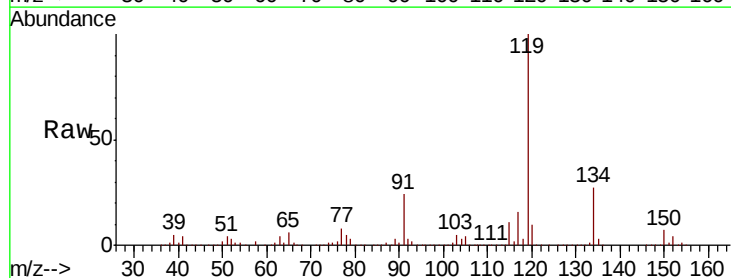
Tgt Ion:119 Resp: 512924

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

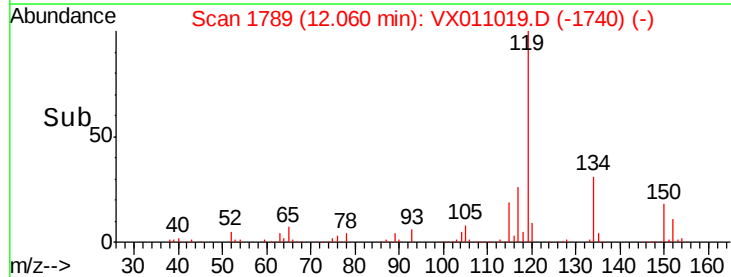
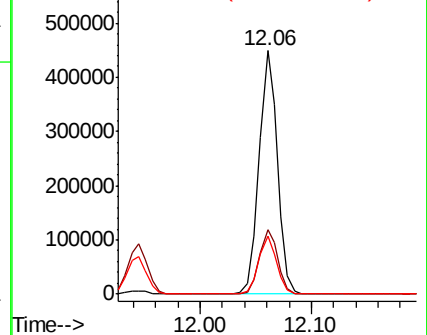
91 23.5 11.8 35.4

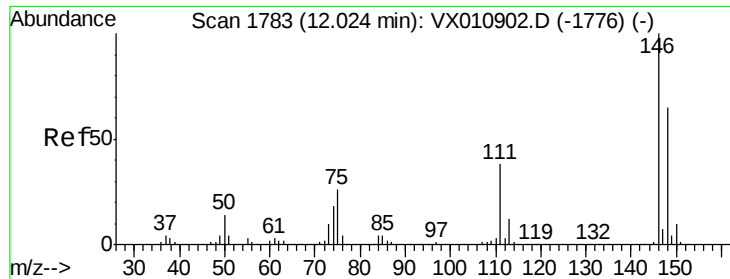


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

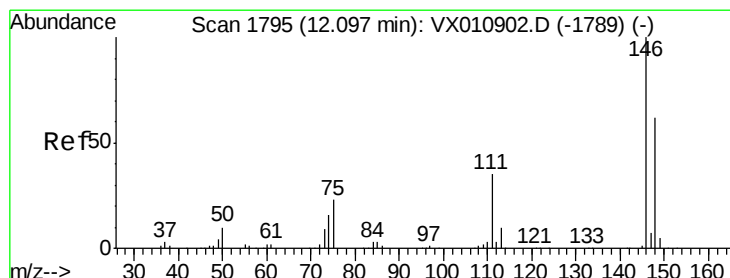
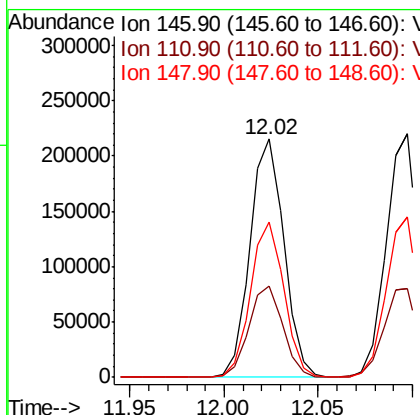
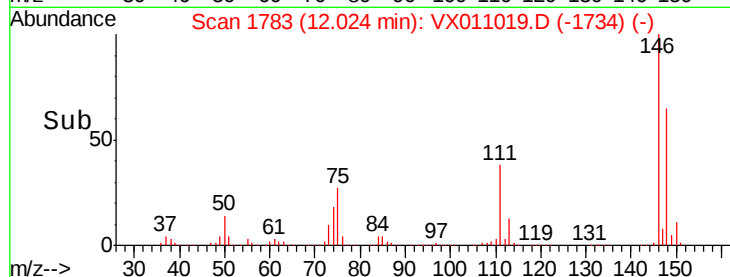
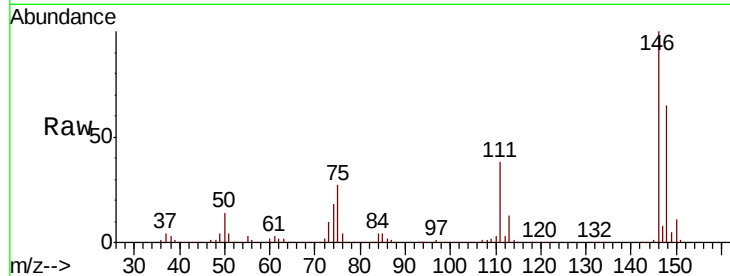




#87
 1,3-Dichlorobenzene
 Concen: 49.381 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011019.D
 Acq: 22 Jul 2019 10:21

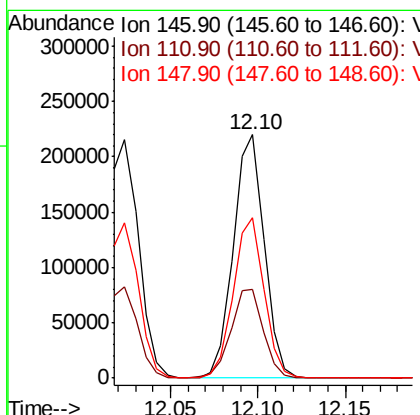
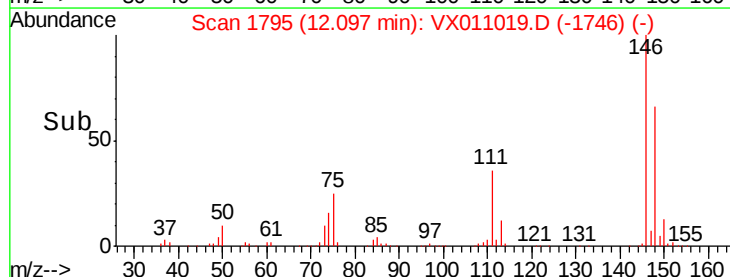
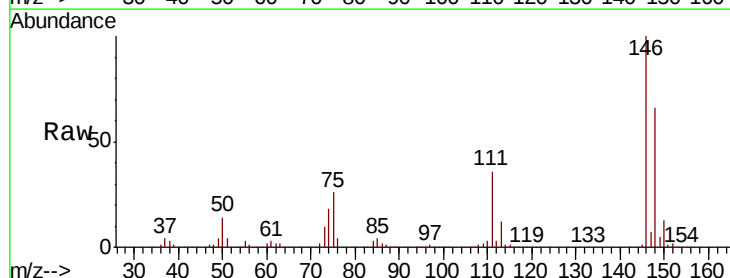
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

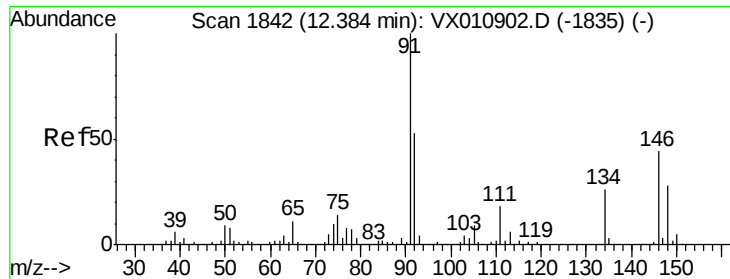
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.9	56.9
148	64.3	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 48.209 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011019.D
 Acq: 22 Jul 2019 10:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.6	55.8
148	65.4	31.6	94.7

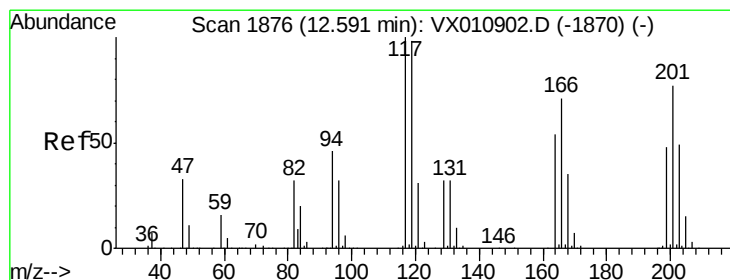
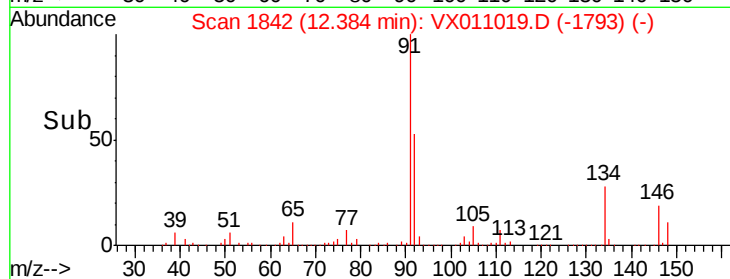
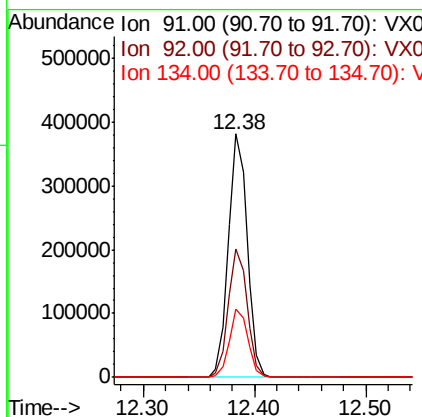
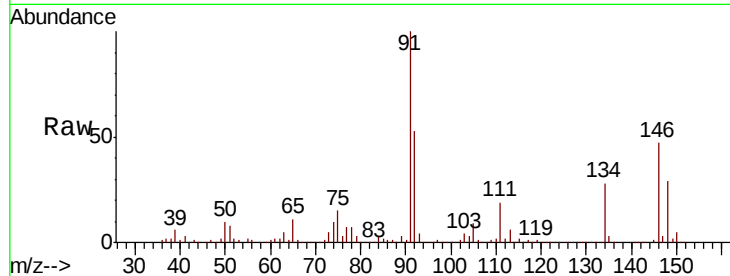




#89
n-Butylbenzene
Concen: 51.583 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011019.D
Acq: 22 Jul 2019 10:21

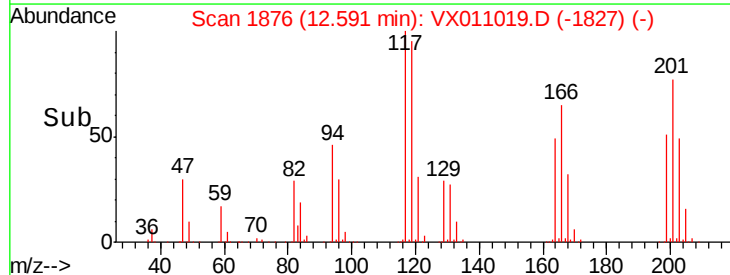
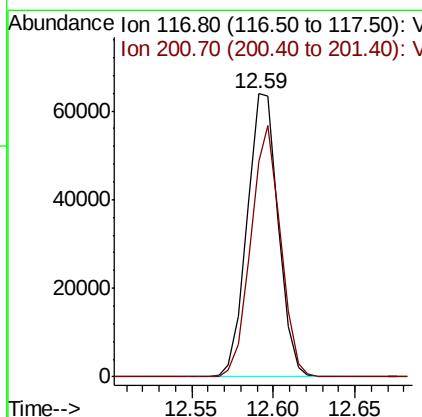
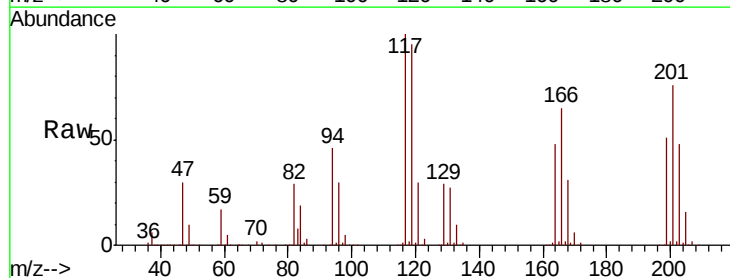
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

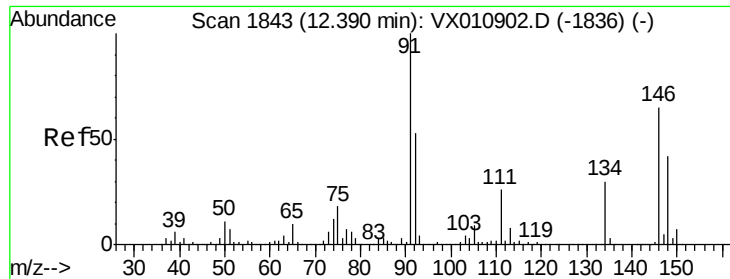
Tot Ion: 91 Resp: 446459
Ion Ratio Lower Upper
91 100
92 52.9 26.2 78.5
134 27.7 13.8 41.3



#90
Hexachloroethane
Concen: 53.391 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX011019.D
Acq: 22 Jul 2019 10:21

Tgt Ion: 117 Resp: 85195
Ion Ratio Lower Upper
117 100
201 84.4 43.3 129.8





#91

1,2-Dichlorobenzene

Concen: 49.593 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

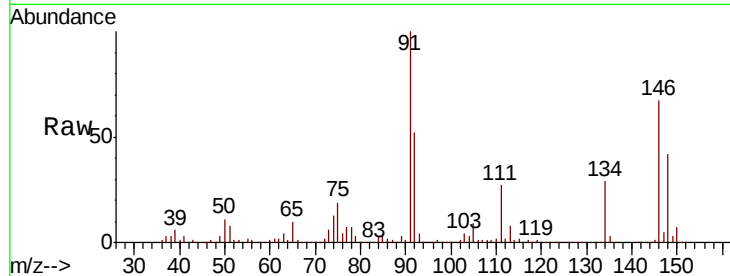
Tot Ion:146 Resp: 267708

Ion Ratio Lower Upper

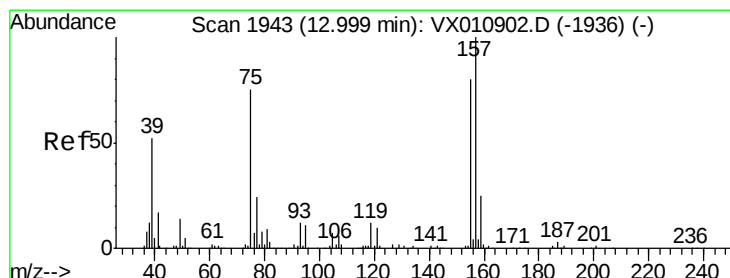
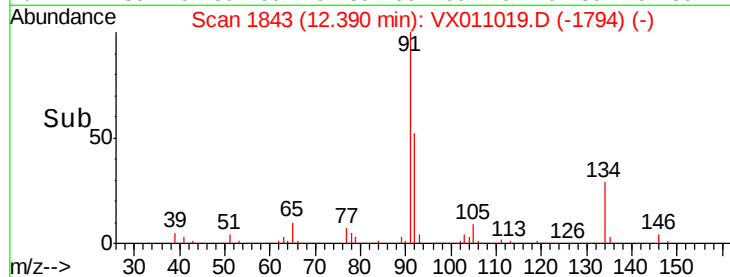
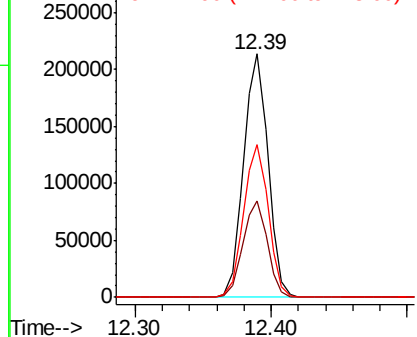
146 100

111 39.5 19.9 59.7

148 63.2 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: 52.967 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

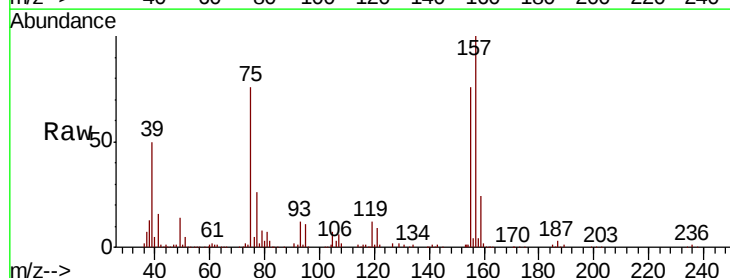
Tgt Ion: 75 Resp: 41228

Ion Ratio Lower Upper

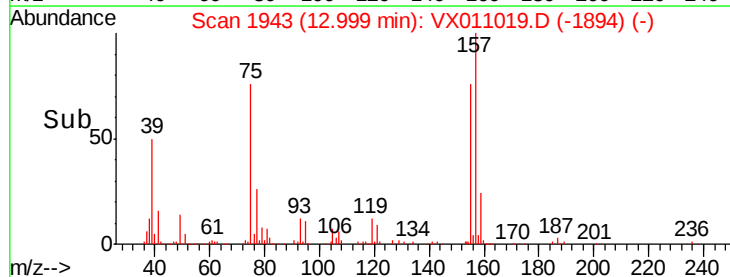
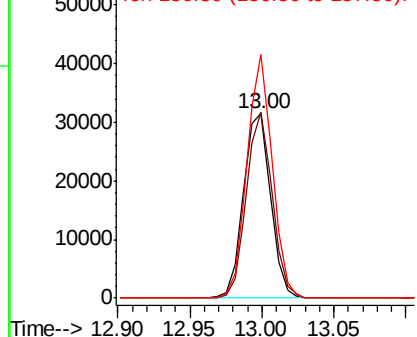
75 100

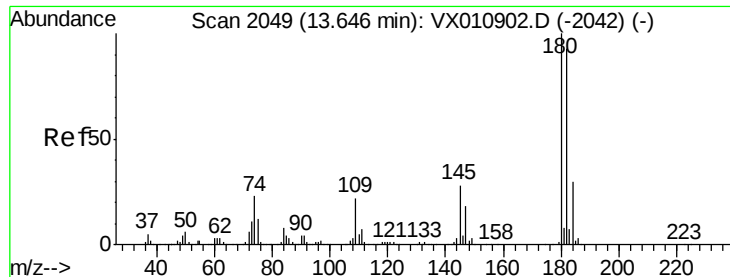
155 94.7 48.7 146.1

157 121.4 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

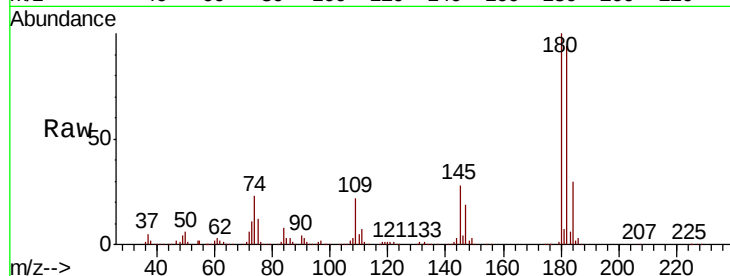




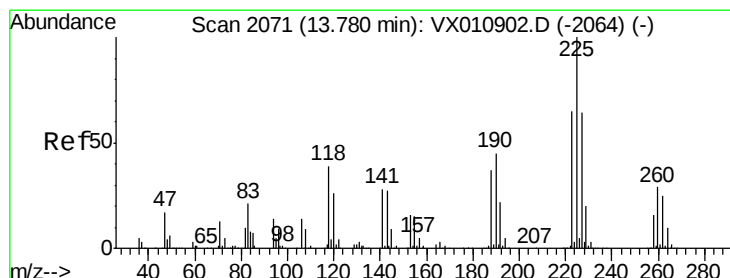
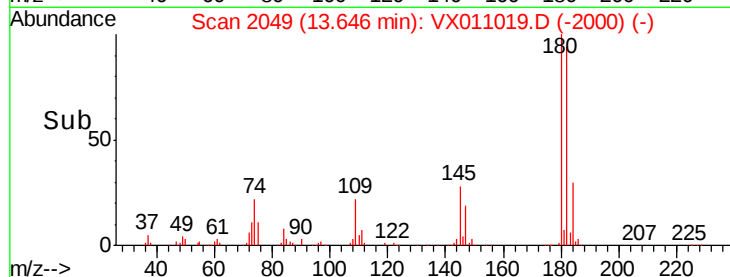
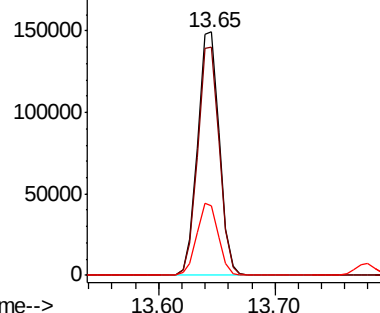
#93
1,2,4-Trichlorobenzene
Concen: 52.454 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX011019.D
Acq: 22 Jul 2019 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:180 Resp: 191895
Ion Ratio Lower Upper
180 100
182 93.7 47.1 141.3
145 29.5 14.8 44.4

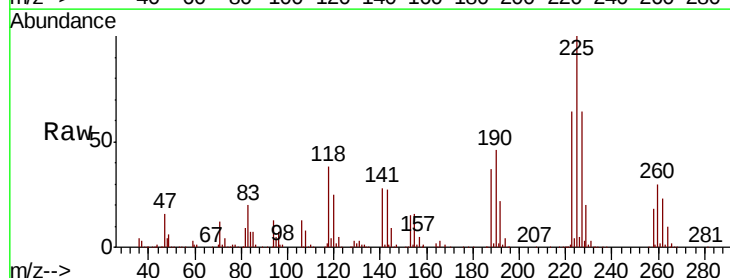


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

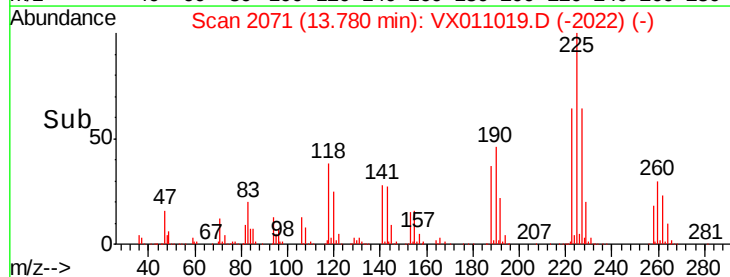
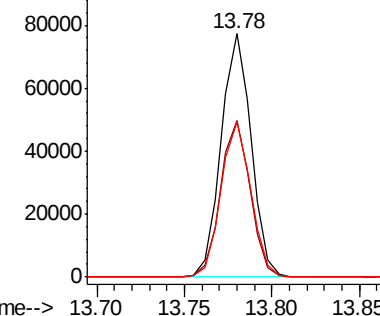


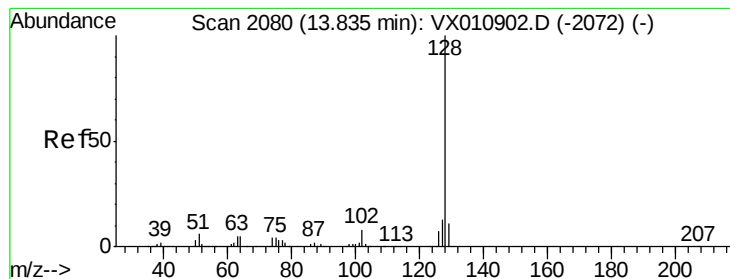
#94
Hexachlorobutadiene
Concen: 51.086 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX011019.D
Acq: 22 Jul 2019 10:21

Tgt Ion:225 Resp: 92614
Ion Ratio Lower Upper
225 100
223 63.1 31.9 95.9
227 63.3 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: 53.054 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

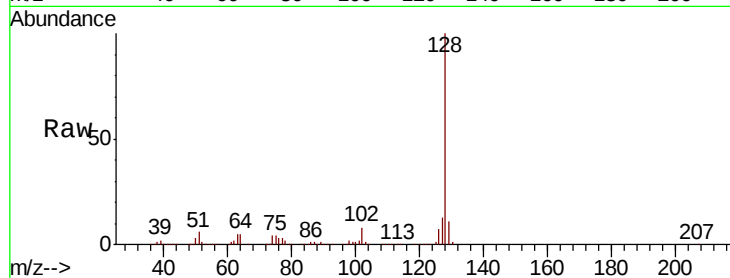
Tot Ion:128 Resp: 573135

Ion Ratio Lower Upper

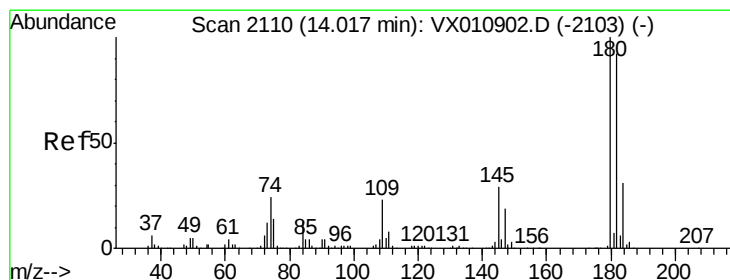
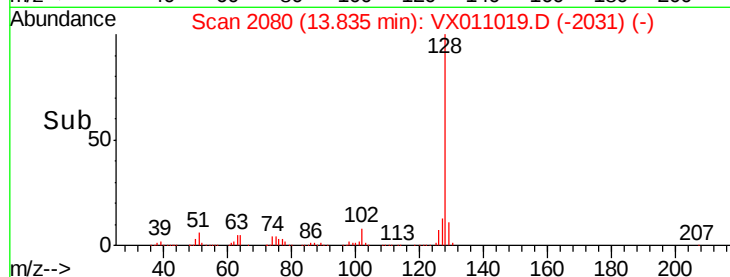
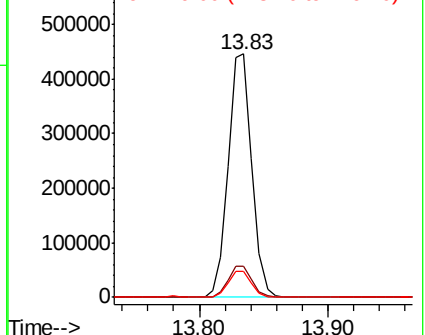
128 100

127 13.0 10.4 15.6

129 10.8 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: 51.799 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX011019.D

Acq: 22 Jul 2019 10:21

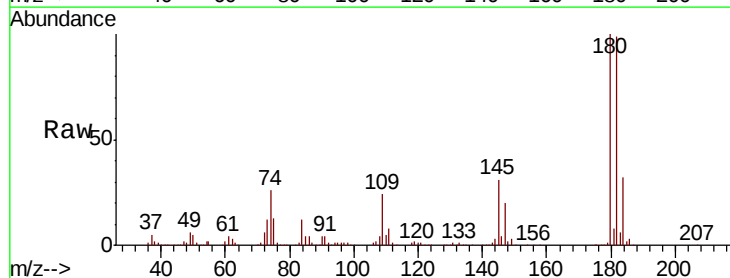
Tgt Ion:180 Resp: 188551

Ion Ratio Lower Upper

180 100

182 95.5 47.4 142.3

145 31.9 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

