

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032319\
 Data File : VX008354.D
 Acq On : 23 Mar 2019 16:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 25 07:56:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	232685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	393131	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	351659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166143	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	176788	49.81	ug/l	0.00
Spiked Amount			Recovery	=	99.62%	
35) Dibromofluoromethane	5.49	113	130081	51.07	ug/l	0.00
Spiked Amount			Recovery	=	102.14%	
50) Toluene-d8	8.71	98	528697	52.48	ug/l	0.00
Spiked Amount			Recovery	=	104.96%	
62) 4-Bromofluorobenzene	11.13	95	197301	53.34	ug/l	0.00
Spiked Amount			Recovery	=	106.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	129014	48.979	ug/l	99
3) Chloromethane	1.32	50	184770	47.318	ug/l	99
4) Vinyl Chloride	1.40	62	179762	47.167	ug/l	99
5) Bromomethane	1.64	94	117138	48.809	ug/l	100
6) Chloroethane	1.71	64	102760	46.038	ug/l	100
7) Trichlorofluoromethane	1.92	101	206028	47.537	ug/l	98
8) Diethyl Ether	2.18	74	94511	45.543	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	125711	48.964	ug/l	89
10) Methyl Iodide	2.51	142	157845	48.459	ug/l	97
11) Tert butyl alcohol	3.05	59	178052	225.244	ug/l	99
12) 1,1-Dichloroethene	2.37	96	125740	47.445	ug/l	91
13) Acrolein	2.29	56	164926	244.158	ug/l	98
14) Allyl chloride	2.72	41	276281	47.123	ug/l	95
15) Acrylonitrile	3.14	53	465974	230.190	ug/l	99
16) Acetone	2.44	43	408426	230.243	ug/l	98
17) Carbon Disulfide	2.56	76	389133	45.919	ug/l	100
18) Methyl Acetate	2.77	43	197696	44.524	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	456296	47.804	ug/l	96
20) Methylene Chloride	2.85	84	147337	46.138	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	132702	46.243	ug/l	91
22) Diisopropyl ether	3.85	45	547055	47.922	ug/l #	88
23) Vinyl Acetate	3.81	43	2467117	244.781	ug/l	97
24) 1,1-Dichloroethane	3.69	63	276196	47.455	ug/l	98
25) 2-Butanone	4.67	43	684468	234.334	ug/l	97
26) 2,2-Dichloropropane	4.58	77	187597	50.029	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	152743	46.472	ug/l	90
28) Bromochloromethane	5.01	49	153239	52.741	ug/l #	79
29) Tetrahydrofuran	5.13	42	443800	228.828	ug/l	96
30) Chloroform	5.21	83	247788	47.221	ug/l	100
31) Cyclohexane	5.57	56	271361	48.622	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	200733	48.351	ug/l	96
36) 1,1-Dichloropropene	5.80	75	198767	49.479	ug/l	96
37) Ethyl Acetate	4.83	43	260608	47.933	ug/l	98
38) Carbon Tetrachloride	5.78	117	168797	49.018	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032319\
 Data File : VX008354.D
 Acq On : 23 Mar 2019 16:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 25 07:56:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	253201	51.421	ug/l	91
40) Benzene	6.14	78	596506	48.758	ug/l	100
41) Methacrylonitrile	5.04	41	144419	48.733	ug/l	96
42) 1,2-Dichloroethane	6.19	62	210133	47.330	ug/l	96
43) Isopropyl Acetate	6.44	43	419992	49.608	ug/l	97
44) Trichloroethene	7.21	130	135550	47.711	ug/l	86
45) 1,2-Dichloropropane	7.51	63	169717	49.002	ug/l	99
46) Dibromomethane	7.66	93	97174	47.277	ug/l #	85
47) Bromodichloromethane	7.90	83	193225	49.286	ug/l	99
48) Methyl methacrylate	7.77	41	213109	49.885	ug/l	94
49) 1,4-Dioxane	7.74	88	76725	890.163	ug/l	91
51) 4-Methyl-2-Pentanone	8.64	43	1345245	242.178	ug/l	98
52) Toluene	8.78	92	361934	50.452	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	221533	52.556	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	248135	51.921	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	144269	48.415	ug/l	97
56) Ethyl methacrylate	9.18	69	270353	51.249	ug/l	91
57) 1,3-Dichloropropane	9.37	76	257755	48.556	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	839432	295.126	ug/l	92
59) 2-Hexanone	9.49	43	1025059	240.389	ug/l	96
60) Dibromochloromethane	9.58	129	140770	50.895	ug/l	98
61) 1,2-Dibromoethane	9.67	107	150964	49.919	ug/l	99
64) Tetrachloroethene	9.34	164	115336	50.154	ug/l	96
65) Chlorobenzene	10.13	112	365808	49.601	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	129732	50.724	ug/l	98
67) Ethyl Benzene	10.25	91	699779	50.673	ug/l	97
68) m/p-Xylenes	10.36	106	506579	102.096	ug/l	92
69) o-Xylene	10.69	106	243536	50.195	ug/l	94
70) Styrene	10.71	104	429165	51.005	ug/l	96
71) Bromoform	10.85	173	101613	51.575	ug/l #	100
73) Isopropylbenzene	11.02	105	656045	50.035	ug/l	98
74) N-amyl acetate	10.90	43	382210	49.789	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	242730	46.476	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	282114	64.872	ug/l	90
77) Bromobenzene	11.26	156	152611	49.191	ug/l	80
78) n-propylbenzene	11.36	91	789410	51.369	ug/l	95
79) 2-Chlorotoluene	11.42	91	456530	48.769	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	561013	50.298	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	80813	52.957	ug/l	91
82) 4-Chlorotoluene	11.51	91	537201	49.804	ug/l	94
83) tert-Butylbenzene	11.77	119	532867	50.169	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	561191	50.418	ug/l	97
85) sec-Butylbenzene	11.94	105	649861	51.051	ug/l	96
86) p-Isopropyltoluene	12.06	119	589387	52.529	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	275965	49.527	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	276456	48.762	ug/l	97
89) n-Butylbenzene	12.38	91	570902	53.298	ug/l	97
90) Hexachloroethane	12.60	117	97470	52.590	ug/l	79
91) 1,2-Dichlorobenzene	12.39	146	274114	48.574	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	52826	47.458	ug/l	76

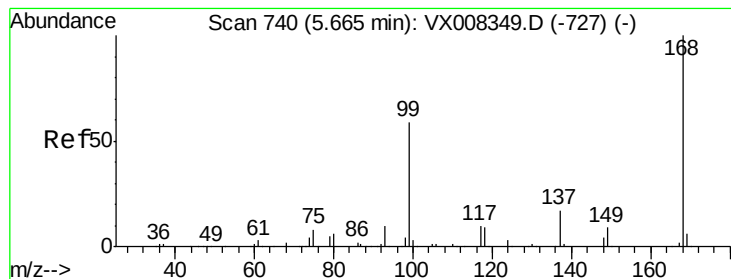
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032319\
Data File : VX008354.D
Acq On : 23 Mar 2019 16:22
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Mar 25 07:56:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 15:27:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	194067	50.997	ug/l	99
94) Hexachlorobutadiene	13.78	225	95623	53.170	ug/l	99
95) Naphthalene	13.83	128	650534	48.680	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	191792	49.946	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. -0.01 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

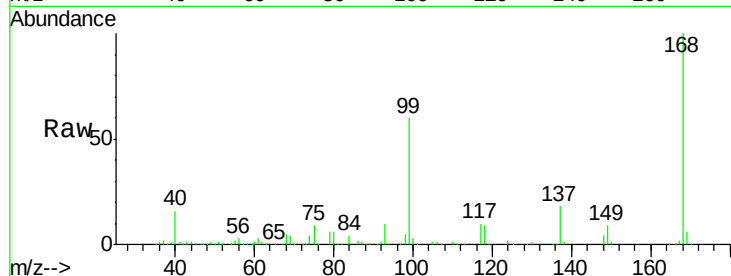
VSTDCCC050

Tot Ion:168 Resp: 232685

Ion Ratio Lower Upper

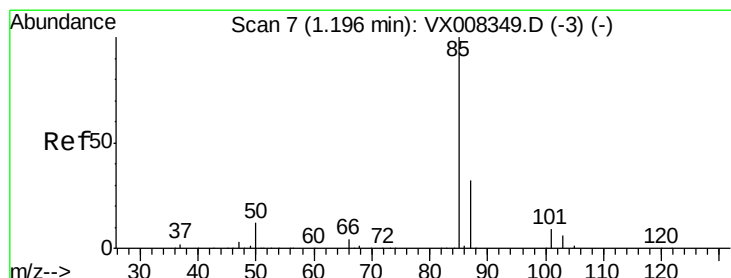
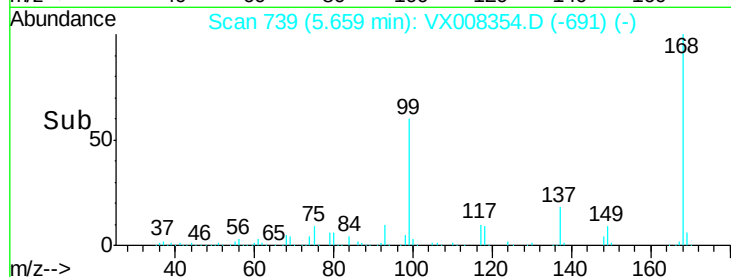
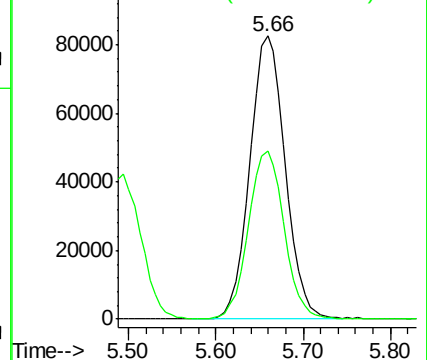
168 100

99 59.4 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: 48.979 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008354.D

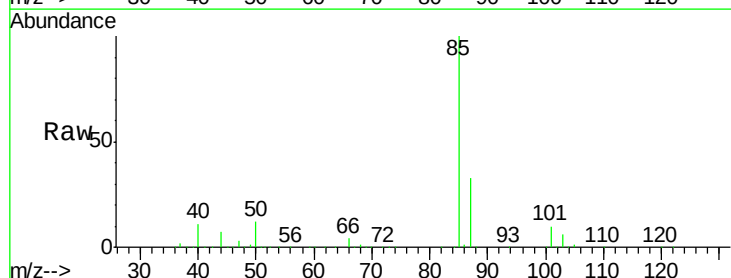
Acq: 23 Mar 2019 16:22

Tgt Ion: 85 Resp: 129014

Ion Ratio Lower Upper

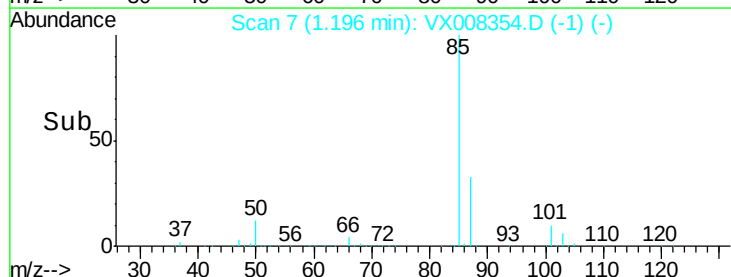
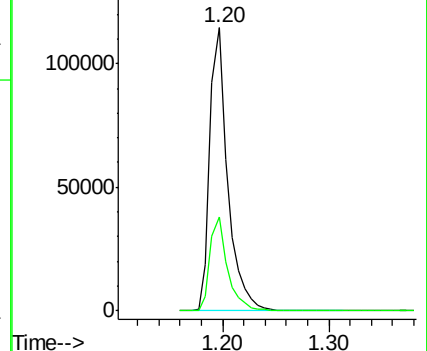
85 100

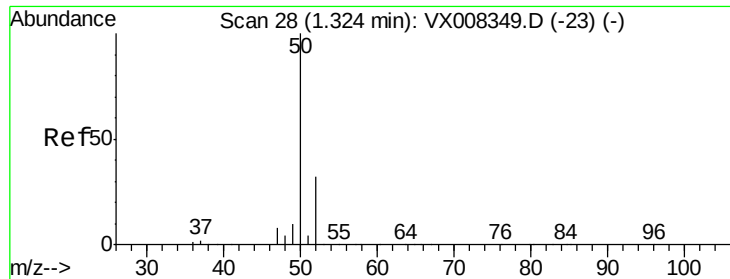
87 33.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.318 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

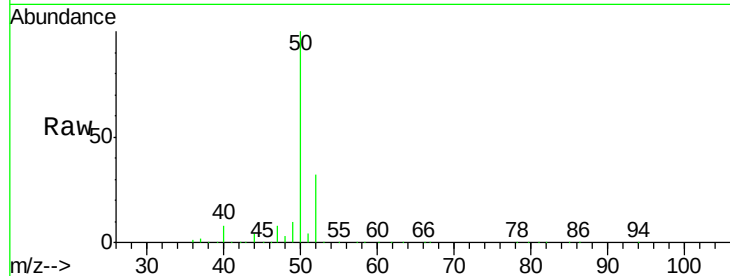
VSTDCCC050

Tot Ion: 50 Resp: 184770

Ion Ratio Lower Upper

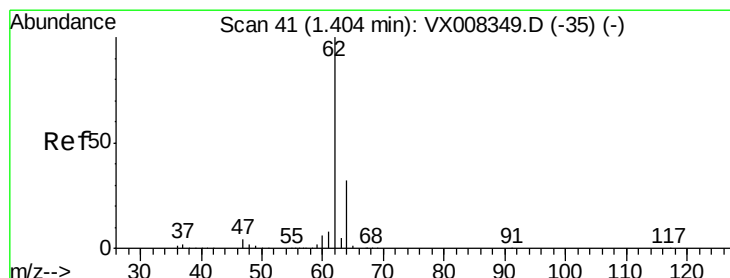
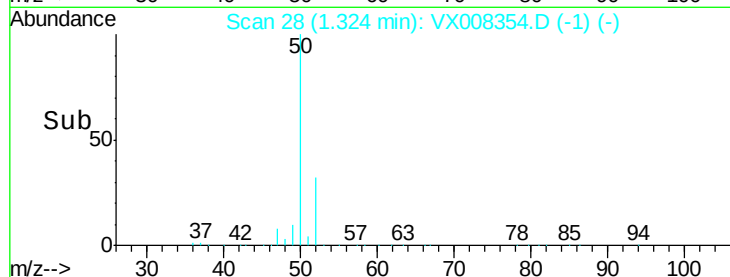
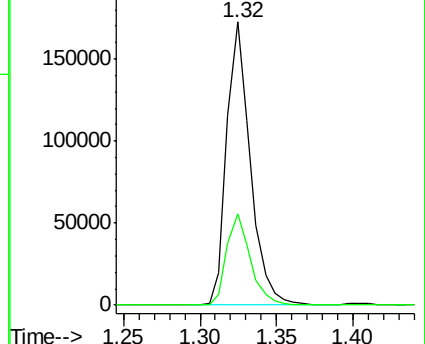
50 100

52 32.4 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.167 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX008354.D

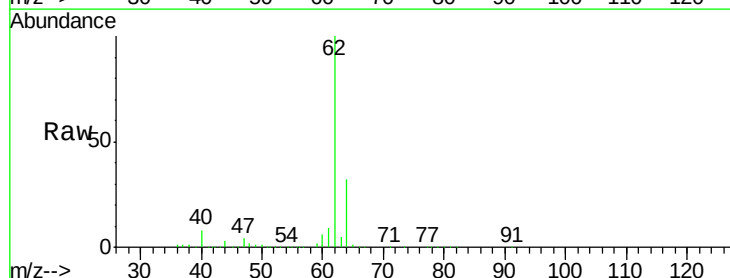
Acq: 23 Mar 2019 16:22

Tgt Ion: 62 Resp: 179762

Ion Ratio Lower Upper

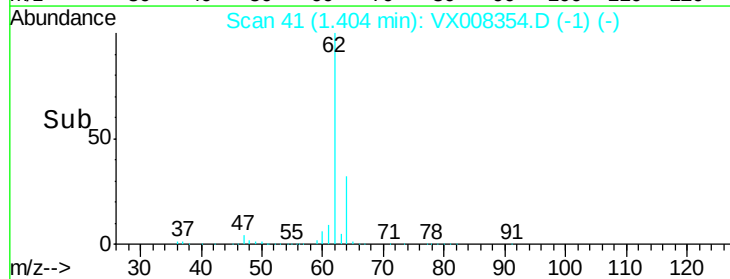
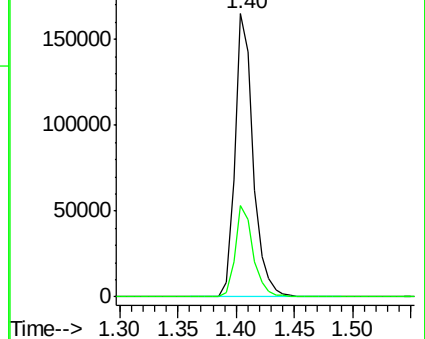
62 100

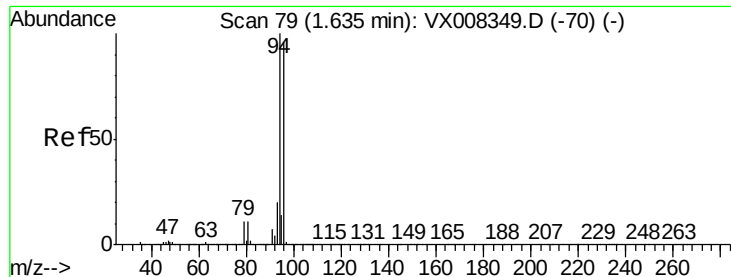
64 32.2 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 48.809 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

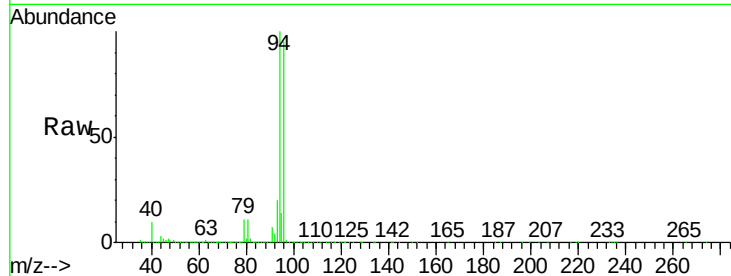
VSTDCCC050

Tot Ion: 94 Resp: 117138

Ion Ratio Lower Upper

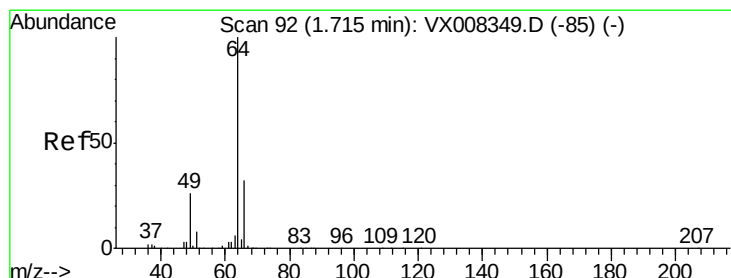
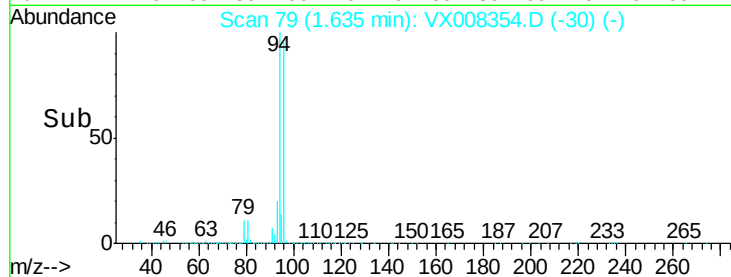
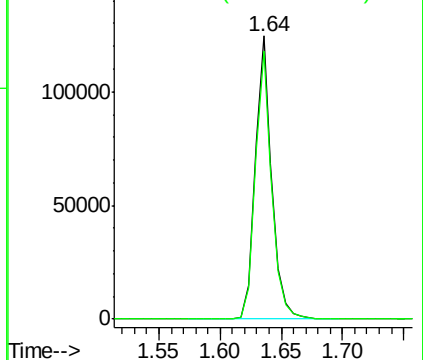
94 100

96 94.5 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.038 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008354.D

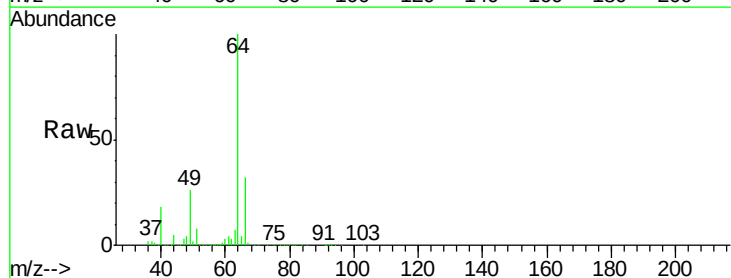
Acq: 23 Mar 2019 16:22

Tgt Ion: 64 Resp: 102760

Ion Ratio Lower Upper

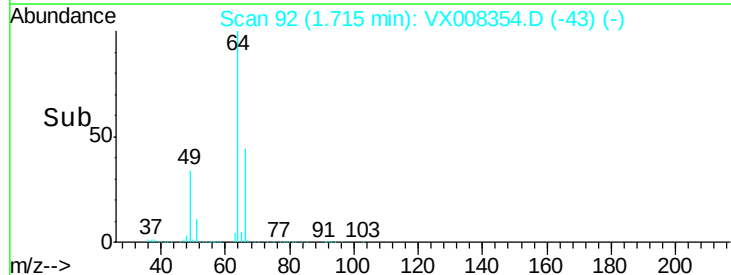
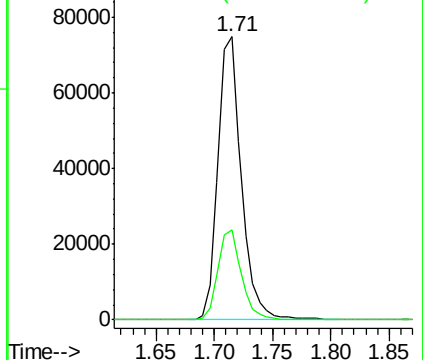
64 100

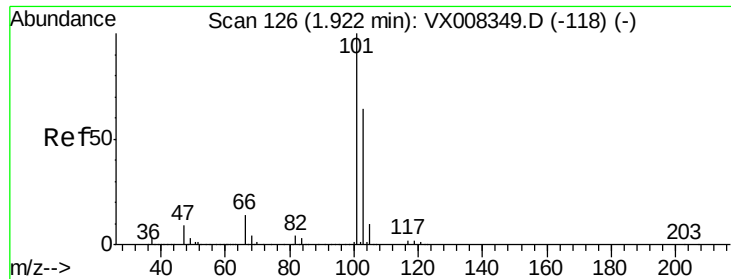
66 31.7 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



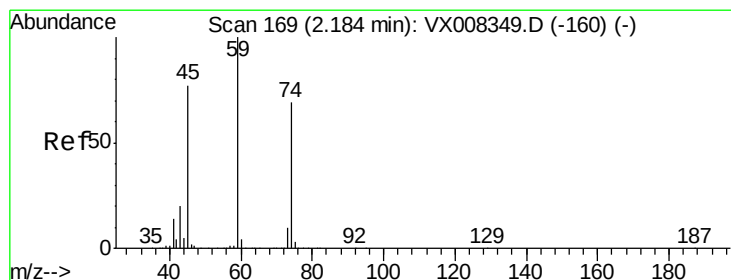
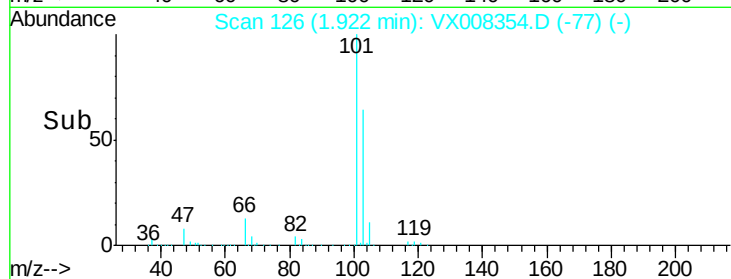
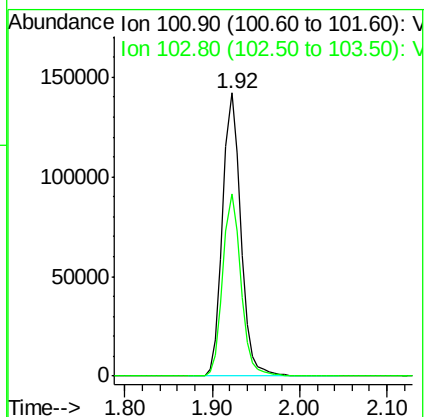
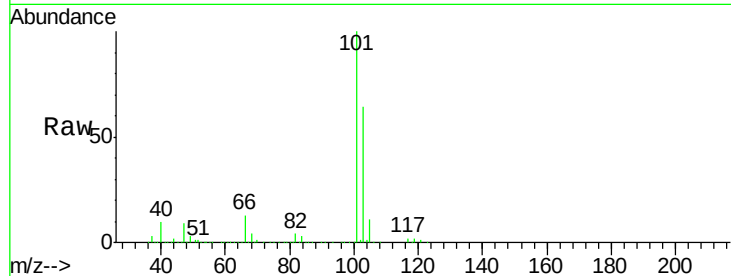


#7

Trichlorofluoromethane
 Concen: 47.537 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX008354.D
 Acq: 23 Mar 2019 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

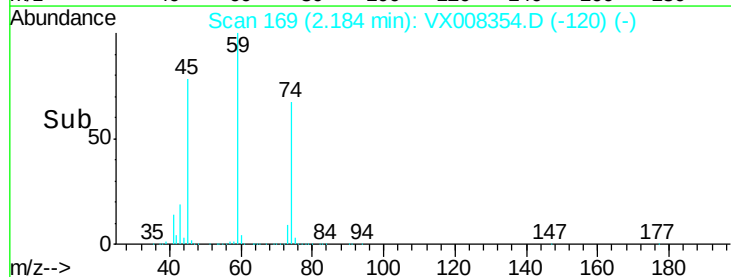
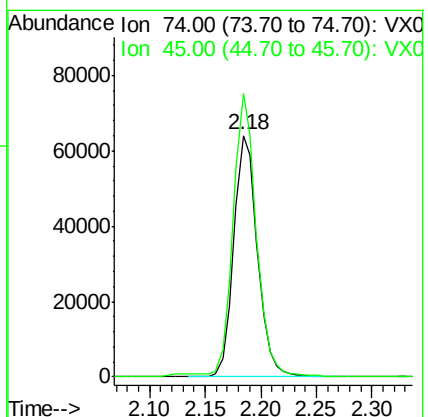
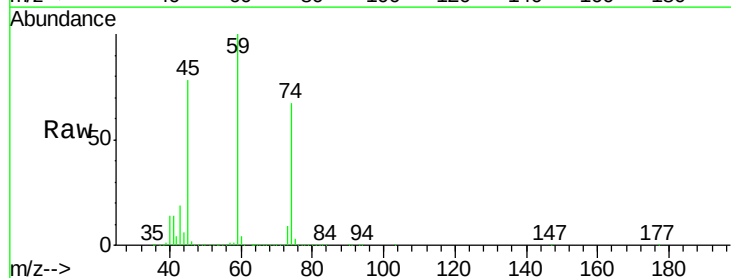
Tot Ion:101 Resp: 206028
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.4 75.6

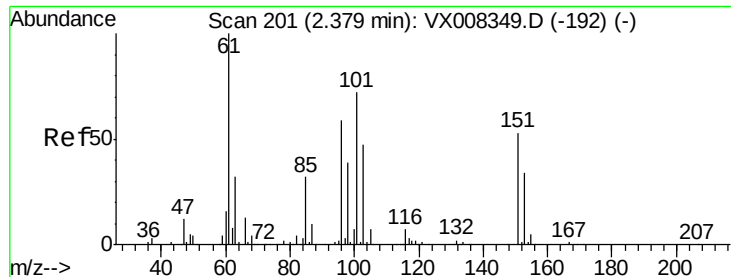


#8

Diethyl Ether
 Concen: 45.543 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX008354.D
 Acq: 23 Mar 2019 16:22

Tgt Ion: 74 Resp: 94511
 Ion Ratio Lower Upper
 74 100
 45 113.7 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.964 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

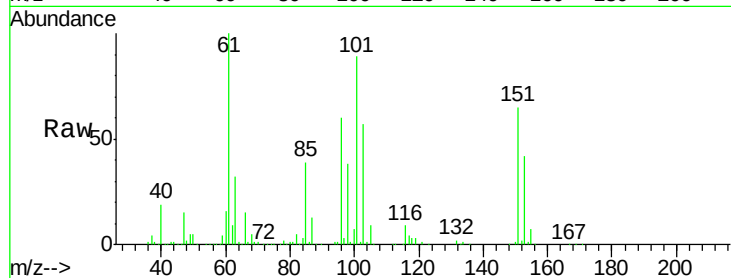
Tot Ion:101 Resp: 125711

Ion Ratio Lower Upper

101 100

85 44.6 33.8 50.6

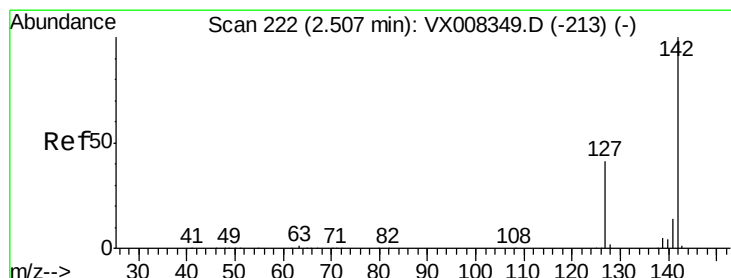
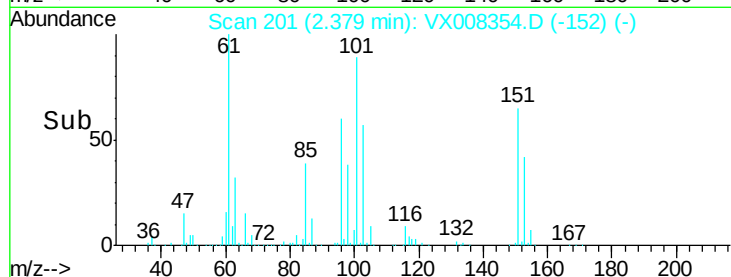
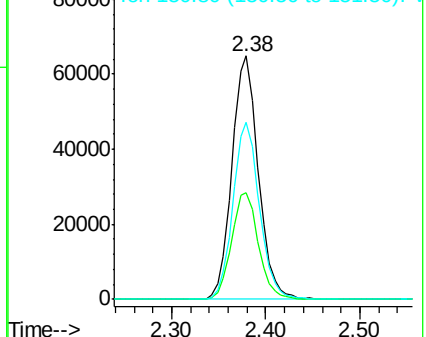
151 72.8 69.1 103.7



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: 48.459 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

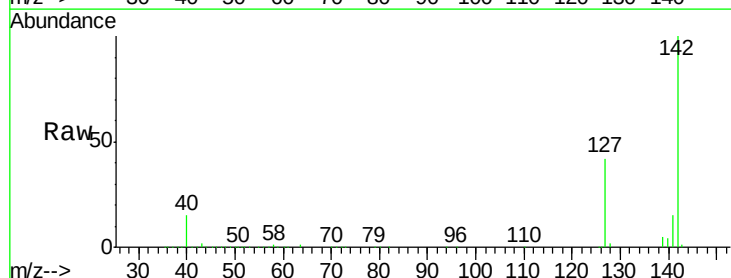
Tgt Ion:142 Resp: 157845

Ion Ratio Lower Upper

142 100

127 42.7 32.1 48.1

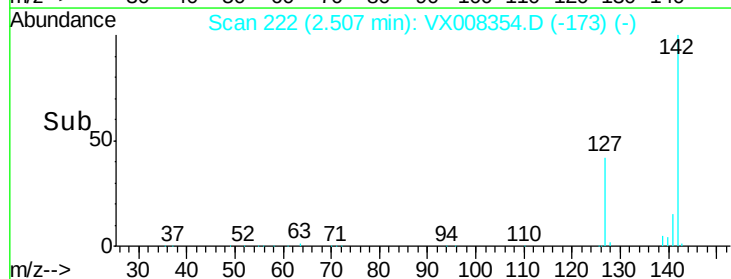
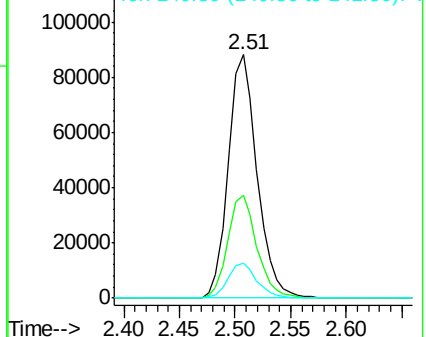
141 14.6 11.4 17.2

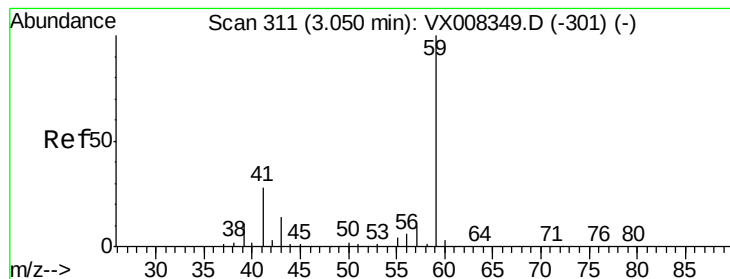


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 225.244 ug/l

RT: 3.05 min Scan# 311

Delta R.T. -0.00 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

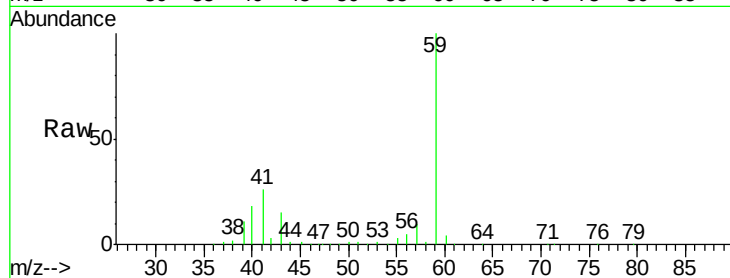
VSTDCCC050

Tot Ion: 59 Resp: 178052

Ion Ratio Lower Upper

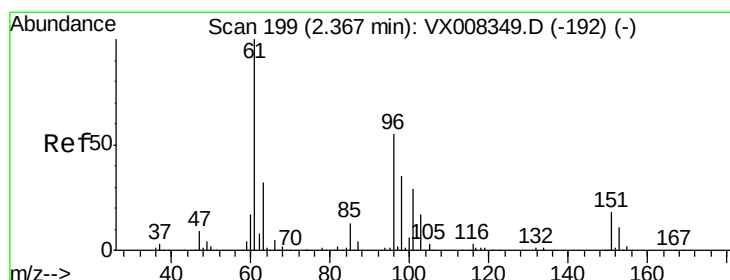
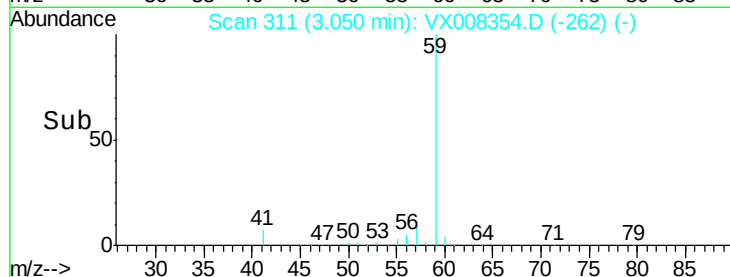
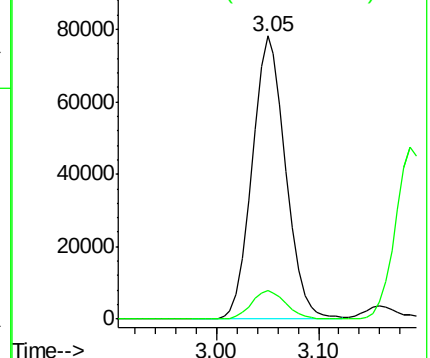
59 100

57 10.5 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 47.445 ug/l

RT: 2.37 min Scan# 199

Delta R.T. -0.00 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

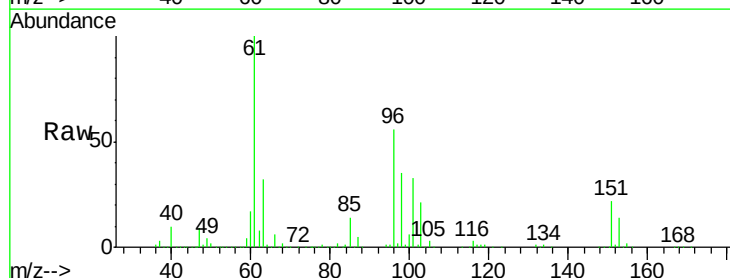
Tgt Ion: 96 Resp: 125740

Ion Ratio Lower Upper

96 100

61 177.7 129.8 194.6

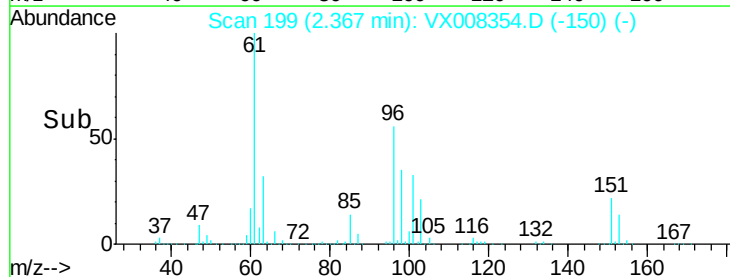
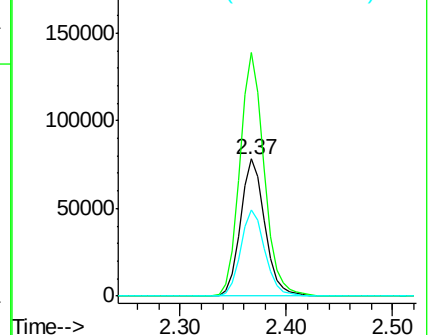
98 62.5 51.0 76.6

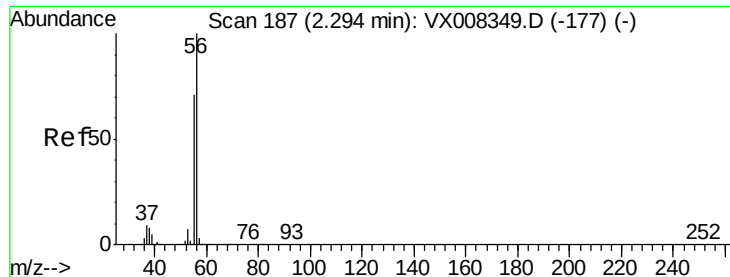


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 244.158 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

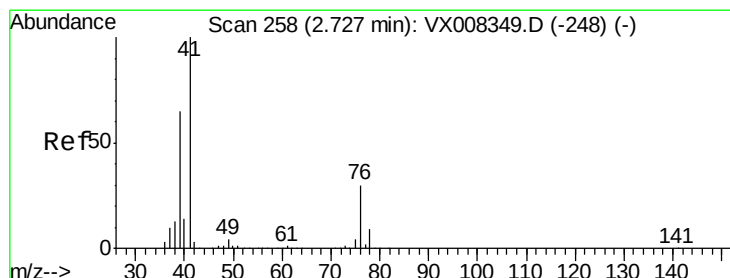
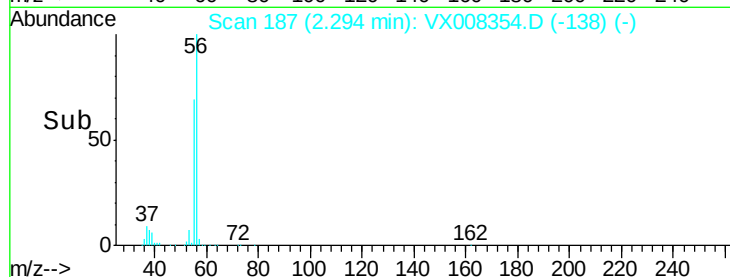
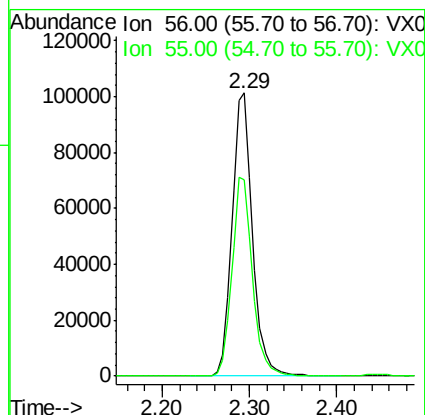
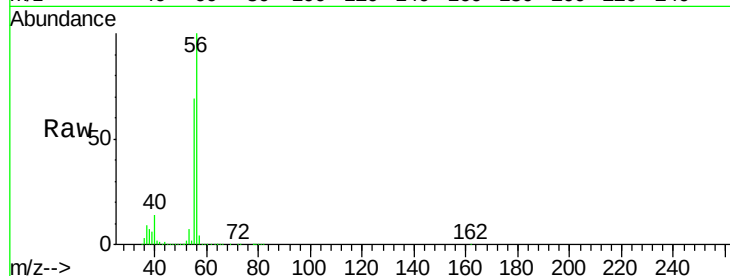
VSTDCCC050

Tot Ion: 56 Resp: 164926

Ion Ratio Lower Upper

56 100

55 70.3 57.8 86.6



#14

Allyl chloride

Concen: 47.123 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

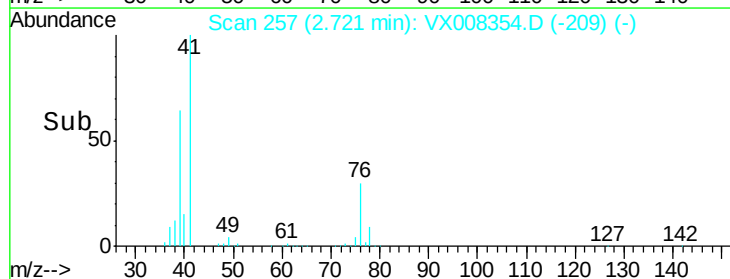
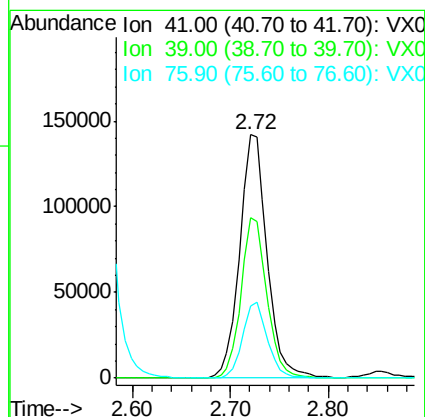
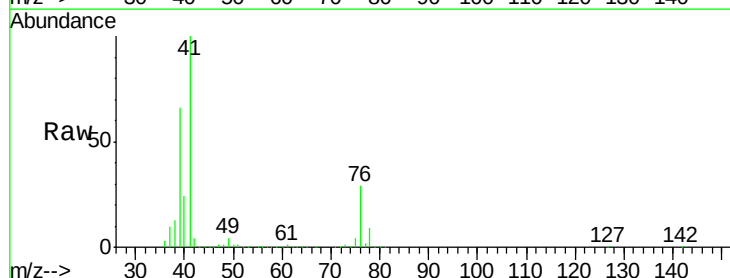
Tgt Ion: 41 Resp: 276281

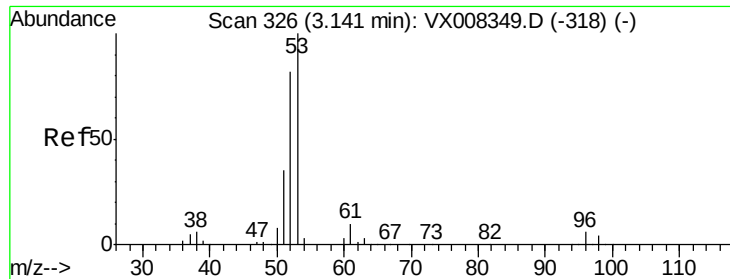
Ion Ratio Lower Upper

41 100

39 62.3 46.1 69.1

76 28.2 24.0 36.0





#15

Acrylonitrile

Concen: 230.190 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

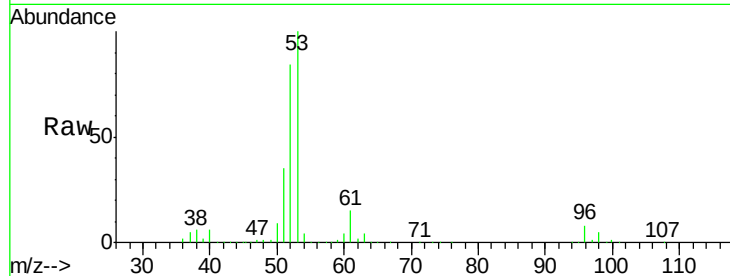
Tot Ion: 53 Resp: 465974

Ion Ratio Lower Upper

53 100

52 83.4 66.0 99.0

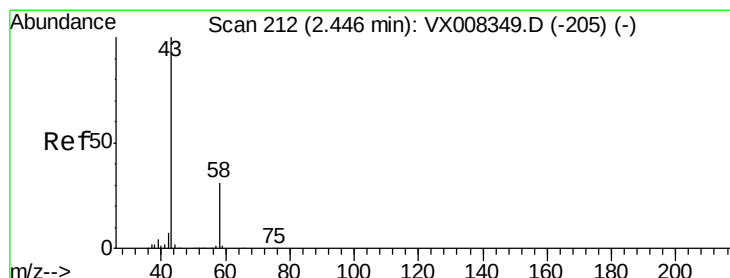
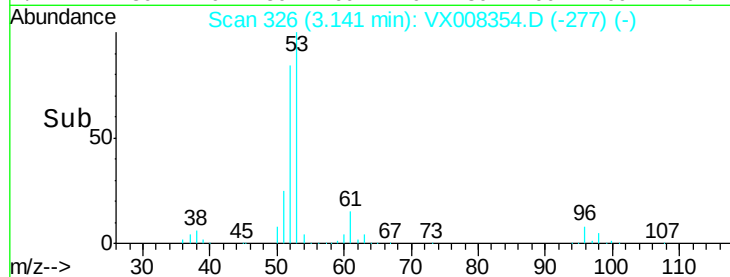
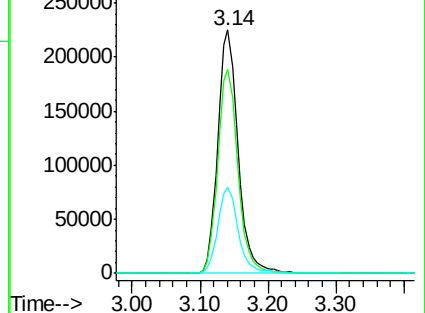
51 35.7 28.0 42.0



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: 230.243 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008354.D

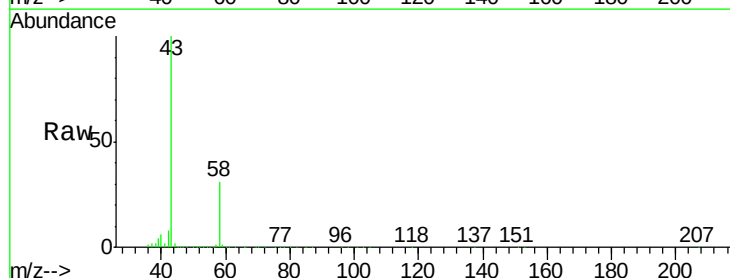
Acq: 23 Mar 2019 16:22

Tgt Ion: 43 Resp: 408426

Ion Ratio Lower Upper

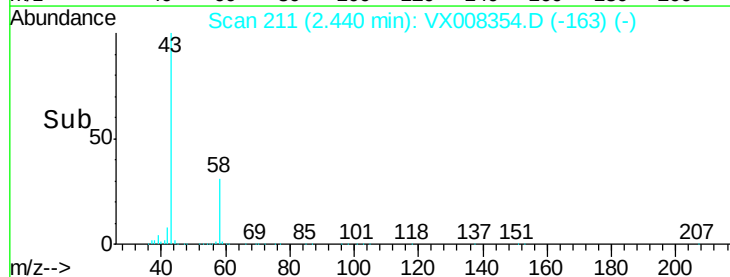
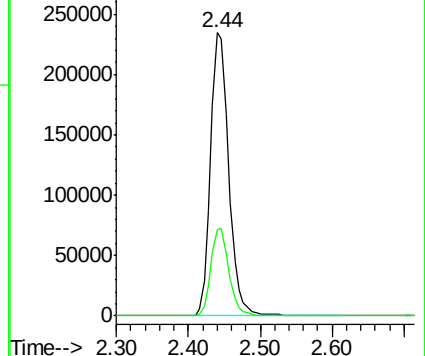
43 100

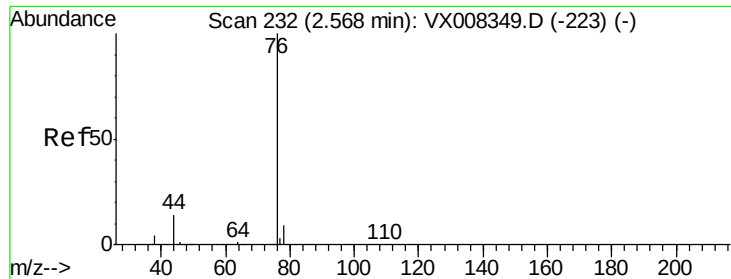
58 30.5 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 45.919 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

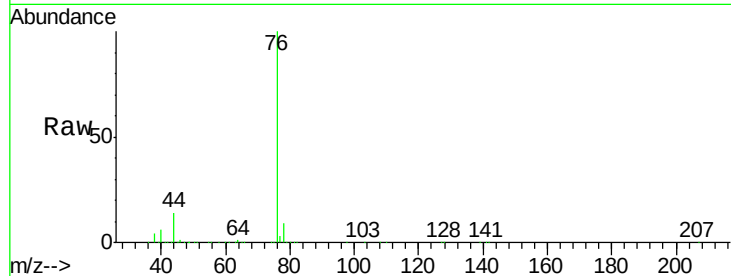
VSTDCCC050

Tot Ion: 76 Resp: 389133

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

200000

150000

100000

50000

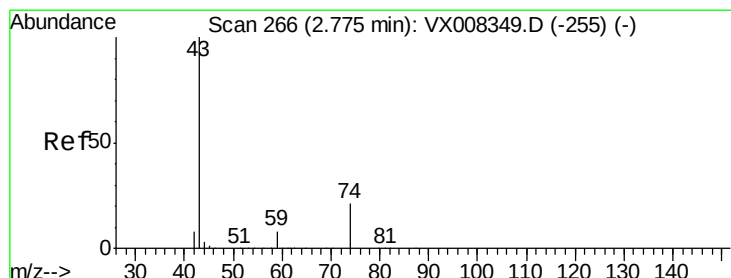
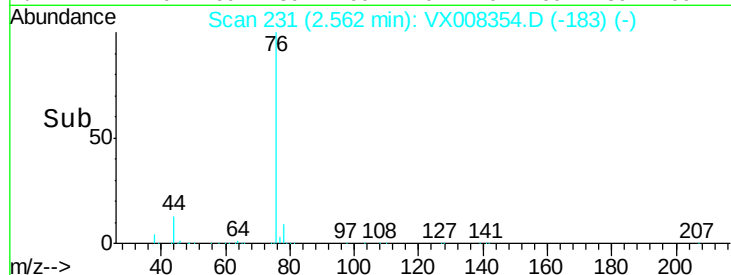
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 44.524 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX008354.D

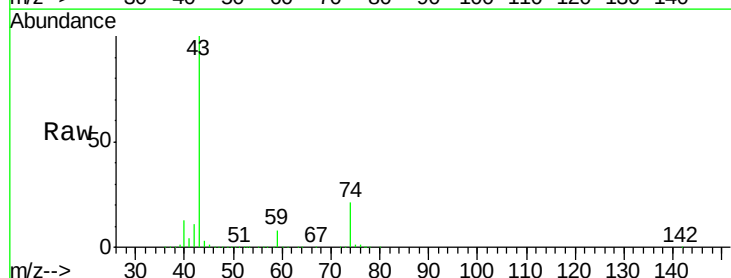
Acq: 23 Mar 2019 16:22

Tgt Ion: 43 Resp: 197696

Ion Ratio Lower Upper

43 100

74 21.3 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.77

120000

100000

80000

60000

40000

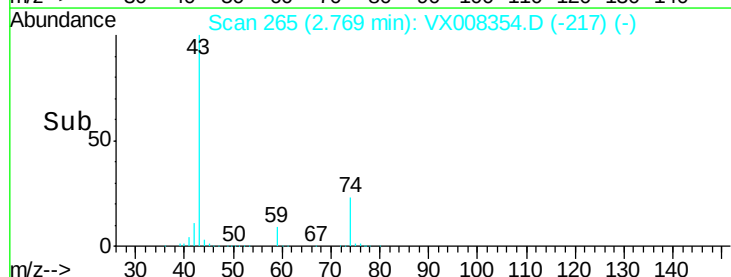
20000

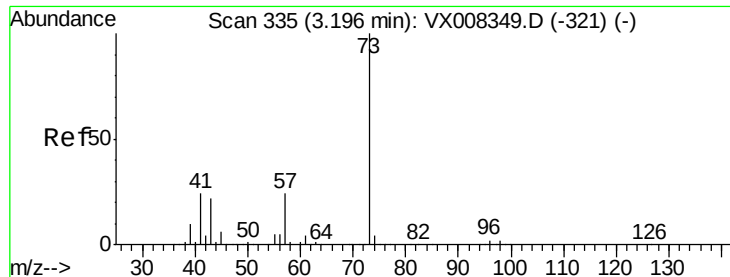
0

Time-->

2.70

2.80



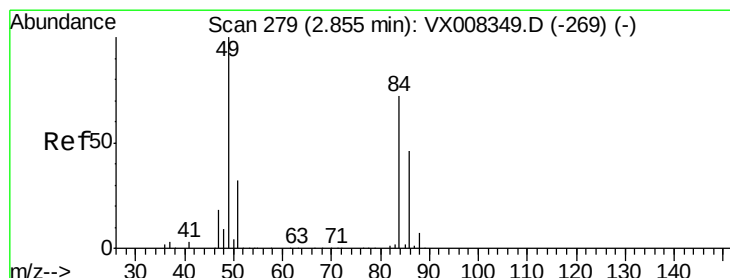
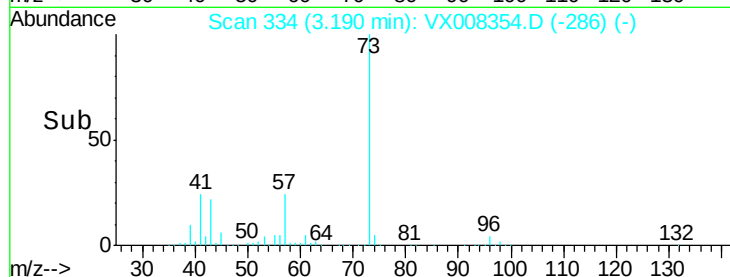
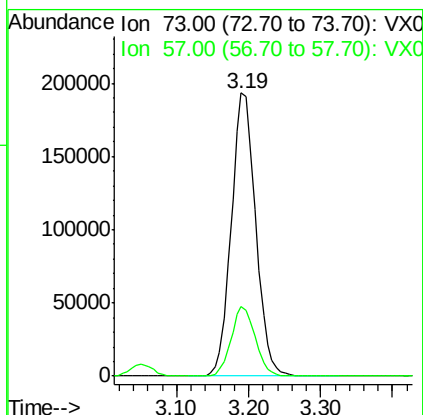
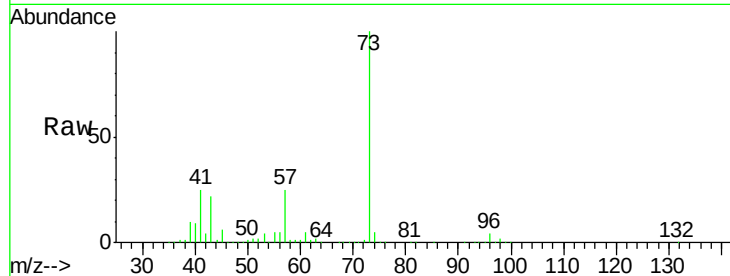


#19

Methyl tert-butyl Ether
 Concen: 47.804 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX008354.D
 Acq: 23 Mar 2019 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

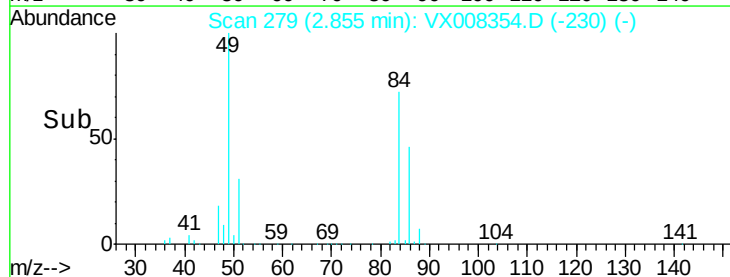
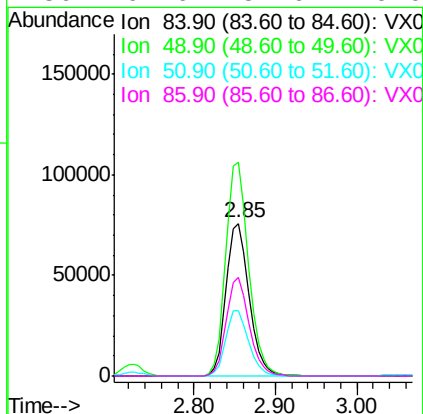
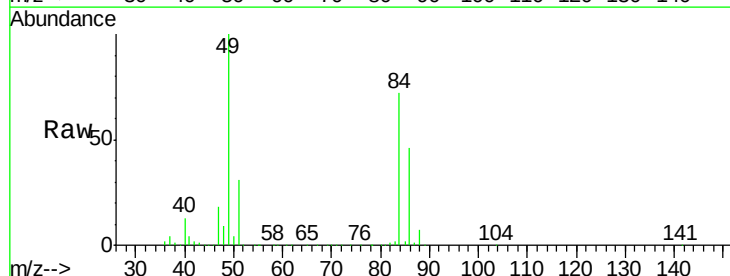
Tot Ion: 73 Resp: 456296
 Ion Ratio Lower Upper
 73 100
 57 24.5 18.2 27.4

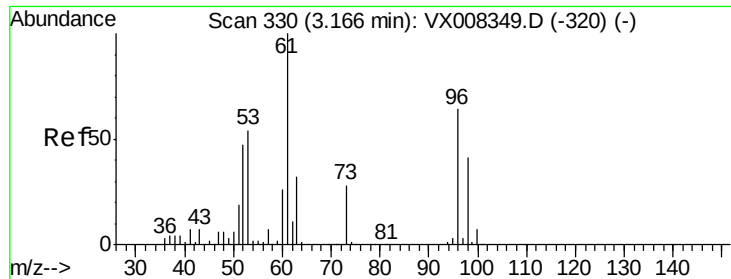


#20

Methylene Chloride
 Concen: 46.138 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX008354.D
 Acq: 23 Mar 2019 16:22

Tgt Ion: 84 Resp: 147337
 Ion Ratio Lower Upper
 84 100
 49 139.5 99.3 148.9
 51 42.7 31.3 46.9
 86 64.6 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 46.243 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

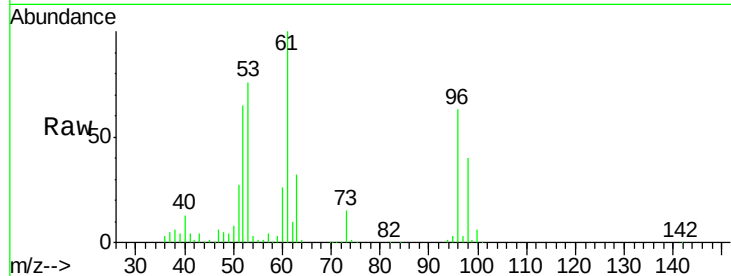
Tot Ion: 96 Resp: 132702

Ion Ratio Lower Upper

96 100

61 159.2 114.4 171.6

98 63.8 51.1 76.7



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

150000

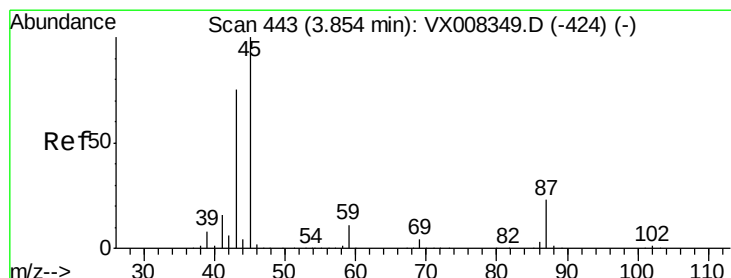
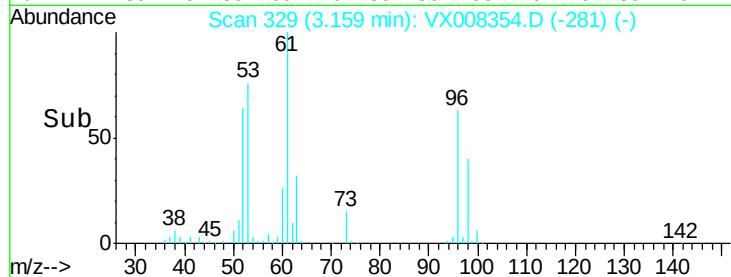
100000

50000

0

3.10 3.20 3.30

Time-->



#22

Diisopropyl ether

Concen: 47.922 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

Tgt Ion: 45 Resp: 547055

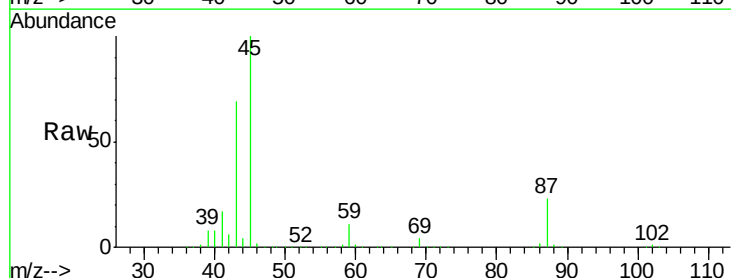
Ion Ratio Lower Upper

45 100

43 68.9 45.3 67.9#

87 23.2 21.4 32.0

59 11.3 9.5 14.3



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

1500000

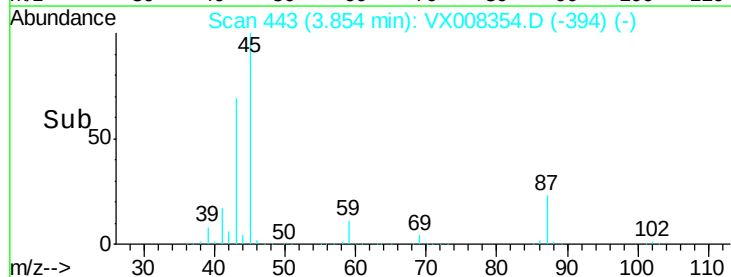
1000000

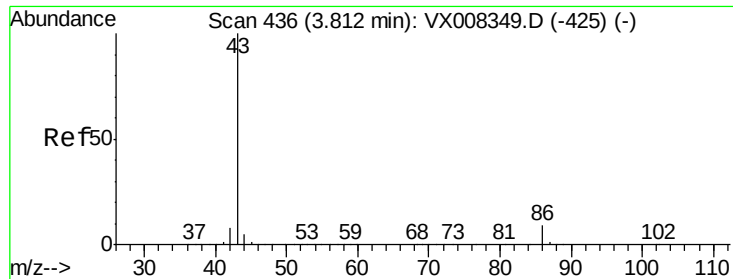
500000

0

3.70 3.80 3.90 4.00

Time-->





#23

Vinyl Acetate

Concen: 244.781 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

Instrument :

MSVOA_X

ClientSampled :

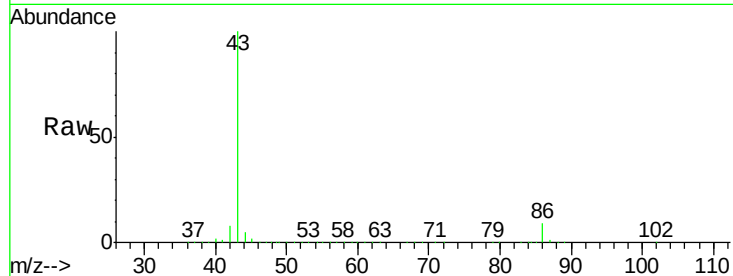
VSTDCCC050

Tot Ion: 43 Resp: 2467117

Ion Ratio Lower Upper

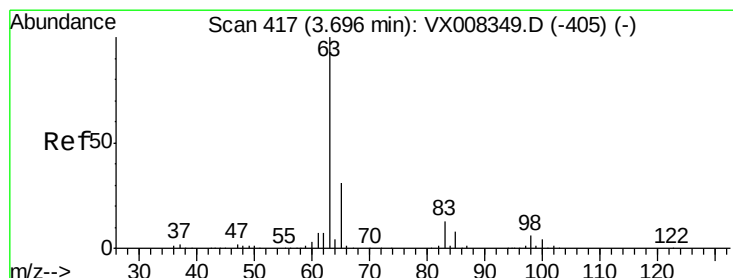
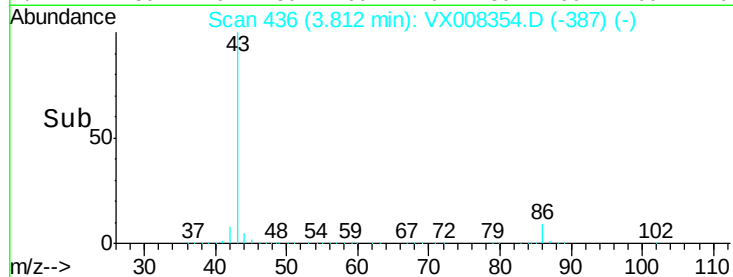
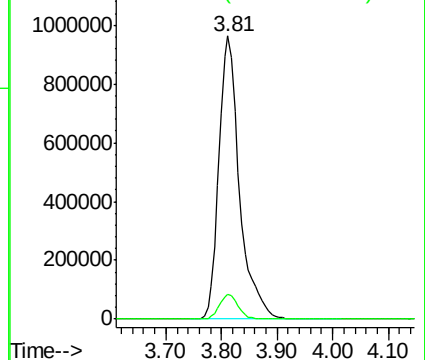
43 100

86 8.7 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.455 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

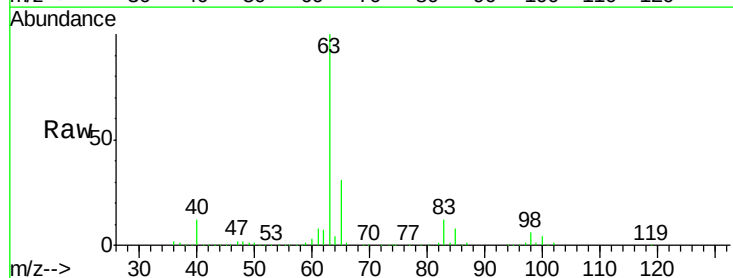
Tgt Ion: 63 Resp: 276196

Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.8

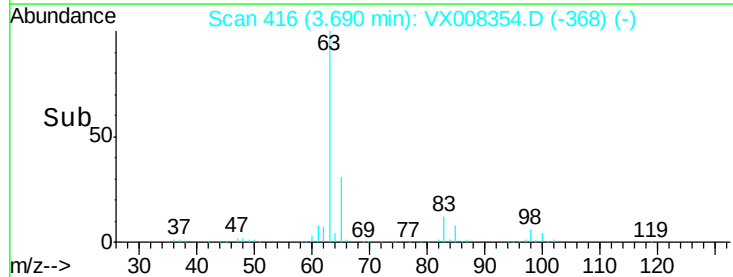
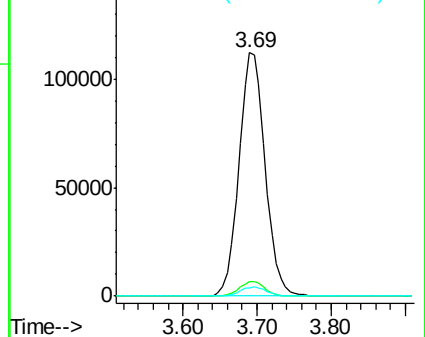
100 3.6 2.3 6.8

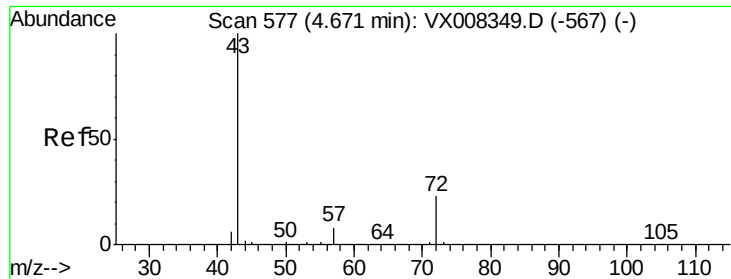


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 234.334 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

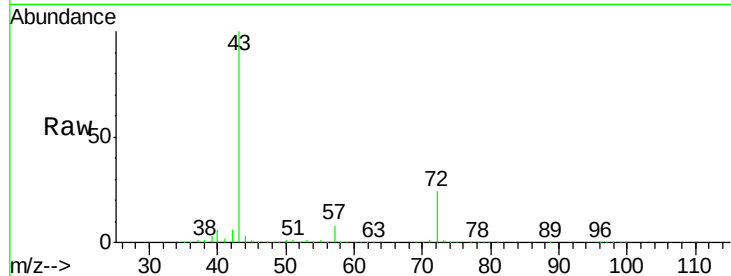
VSTDCCC050

Tot Ion: 43 Resp: 684468

Ion Ratio Lower Upper

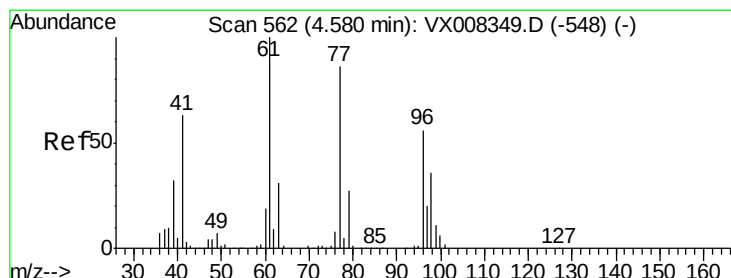
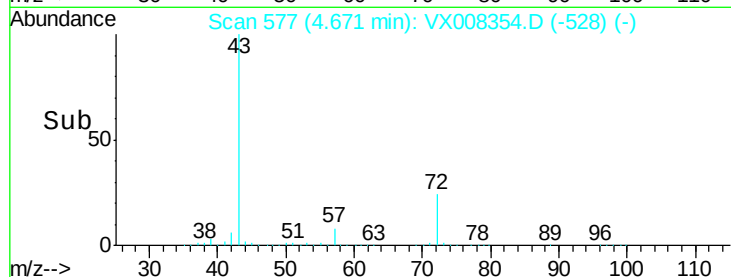
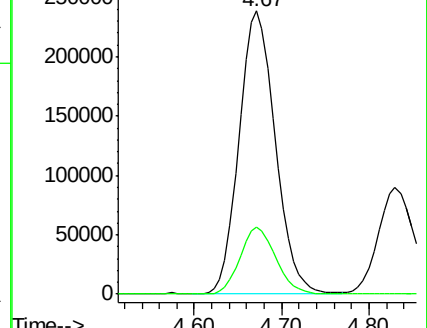
43 100

72 23.5 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 50.029 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX008354.D

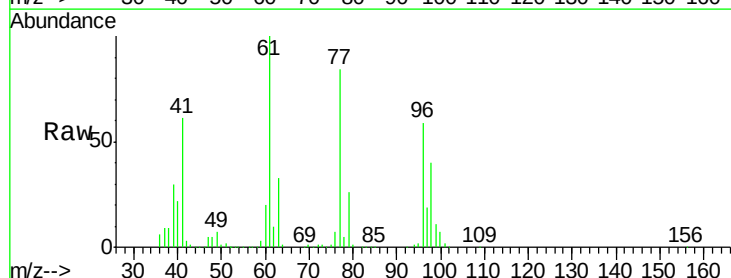
Acq: 23 Mar 2019 16:22

Tgt Ion: 77 Resp: 187597

Ion Ratio Lower Upper

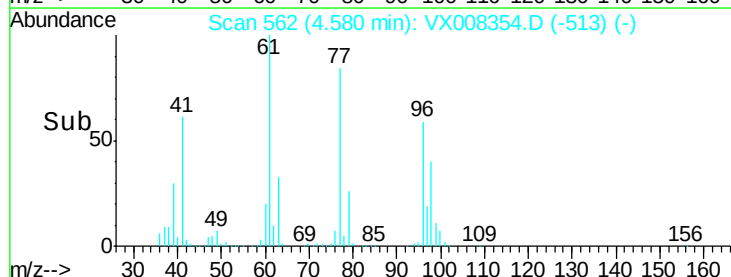
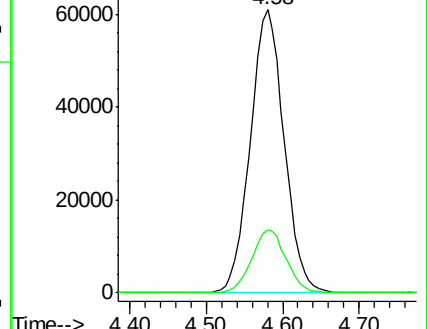
77 100

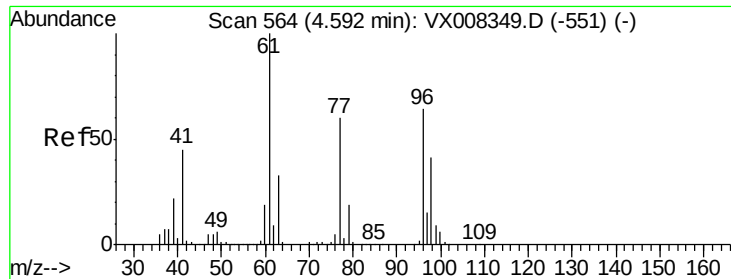
97 22.7 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

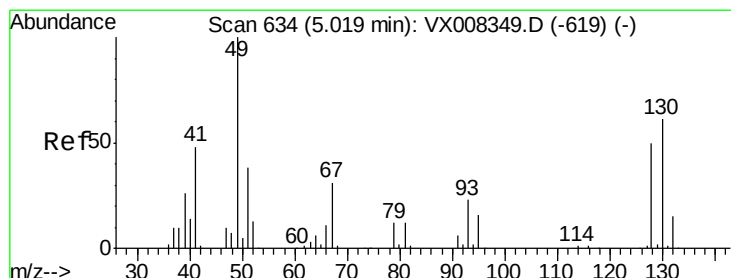
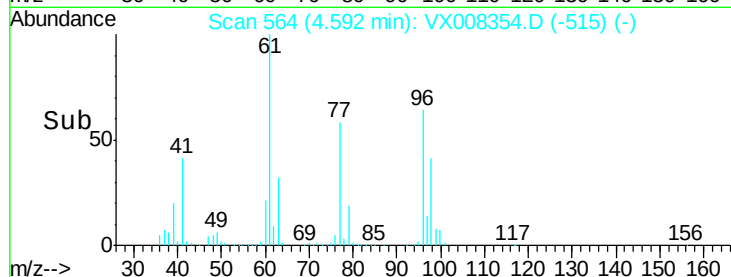
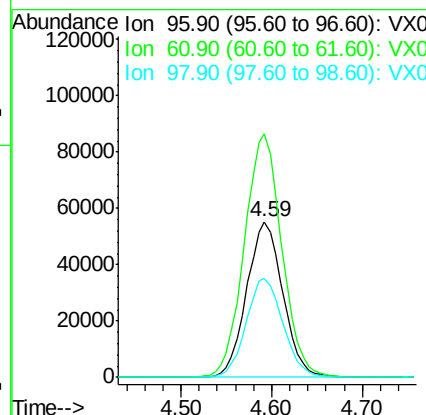
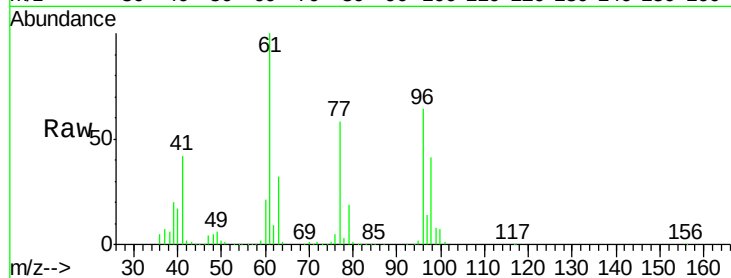




#27
 cis-1,2-Dichloroethene
 Concen: 46.472 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VX008354.D
 Acq: 23 Mar 2019 16:22

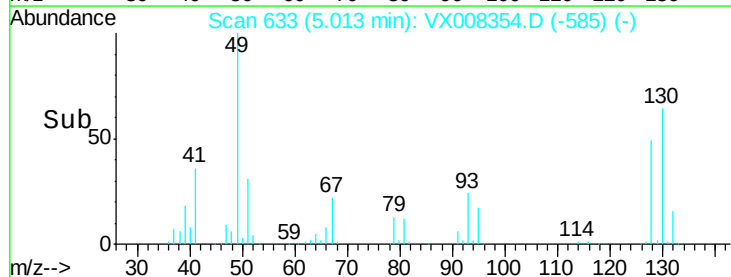
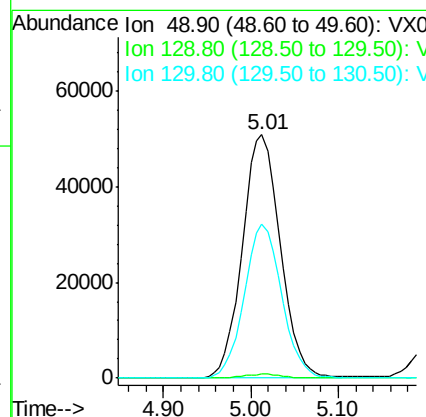
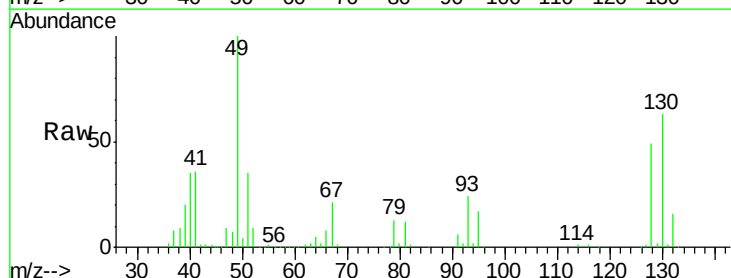
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

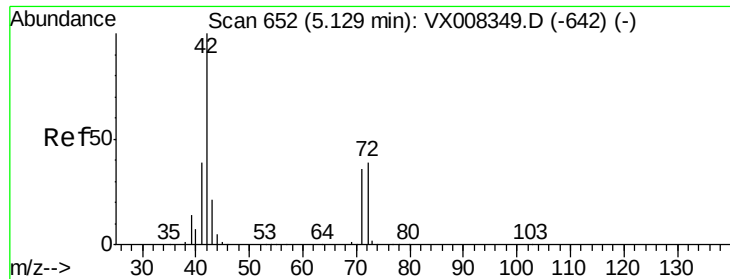
Tot Ion: 96 Resp: 152743
 Ion Ratio Lower Upper
 96 100
 61 162.2 0.0 288.0
 98 64.8 0.0 129.0



#28
 Bromochloromethane
 Concen: 52.741 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX008354.D
 Acq: 23 Mar 2019 16:22

Tgt Ion: 49 Resp: 153239
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.0
 130 62.3 65.0 97.4#





#29

Tetrahydrofuran

Concen: 228.828 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

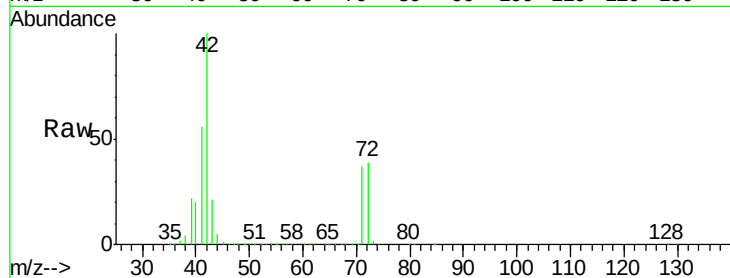
Tot Ion: 42 Resp: 443800

Ion Ratio Lower Upper

42 100

72 39.3 33.8 50.6

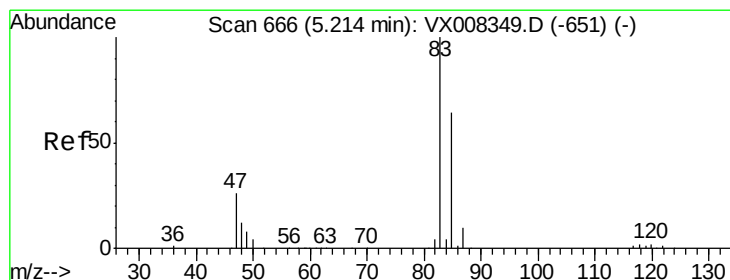
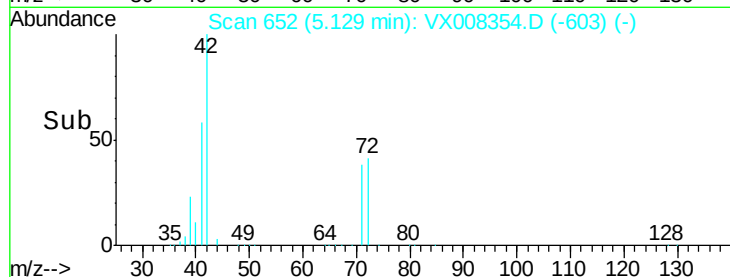
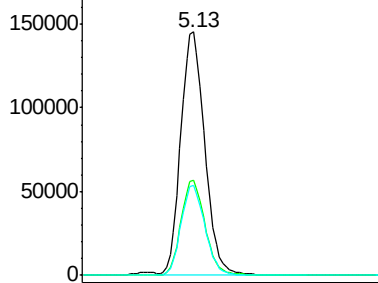
71 36.9 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 47.221 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX008354.D

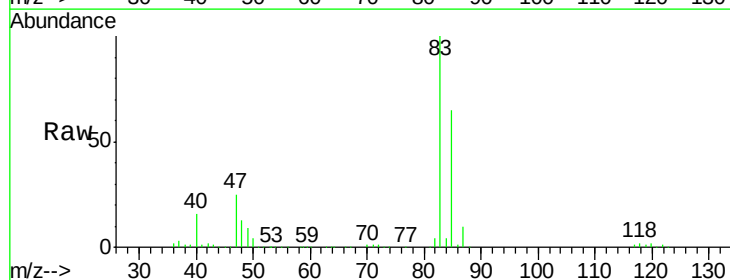
Acq: 23 Mar 2019 16:22

Tgt Ion: 83 Resp: 247788

Ion Ratio Lower Upper

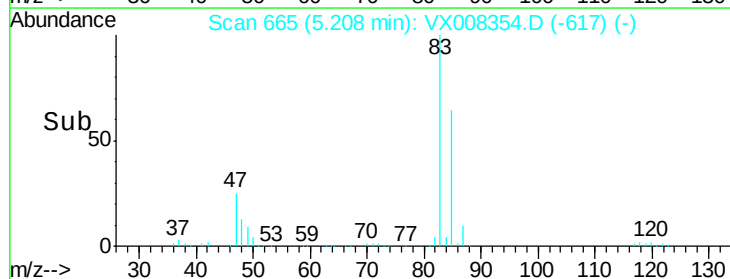
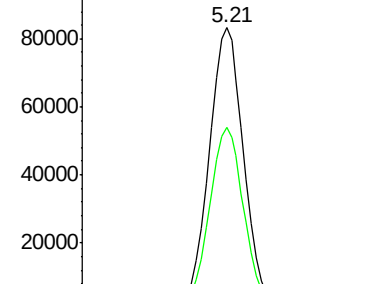
83 100

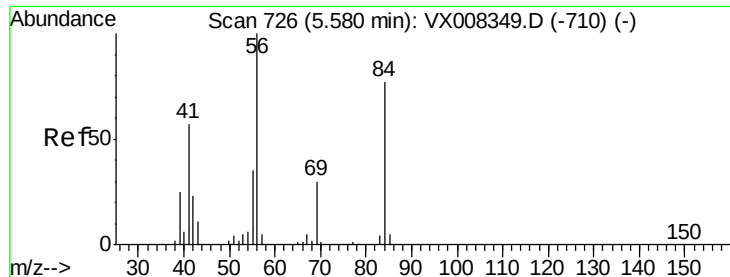
85 64.7 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

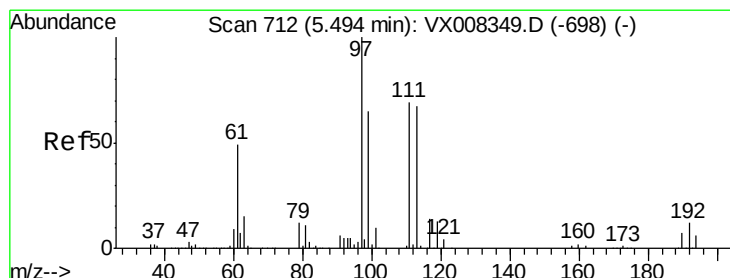
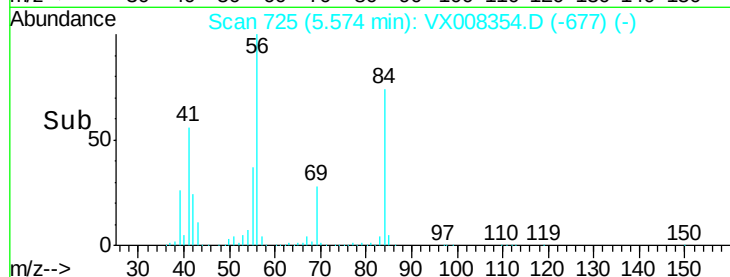
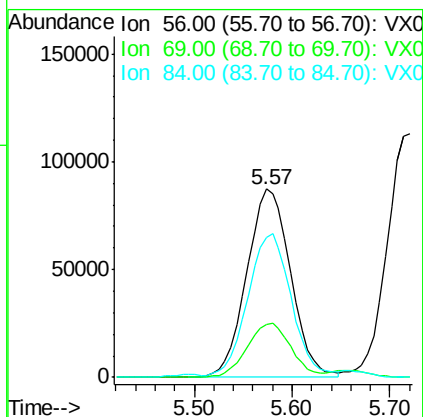
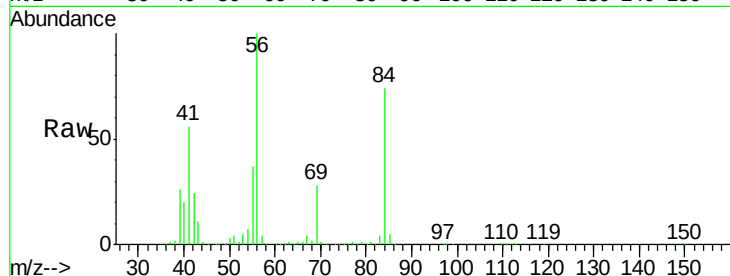




#31
Cyclohexane
Concen: 48.622 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008354.D
Acq: 23 Mar 2019 16:22

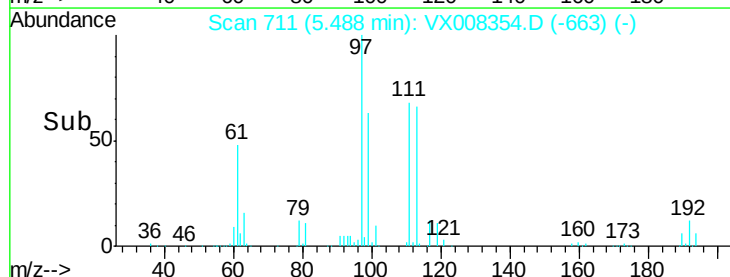
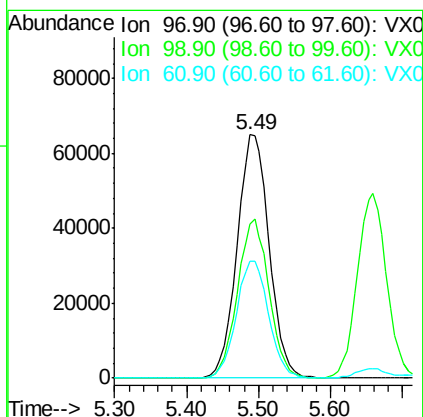
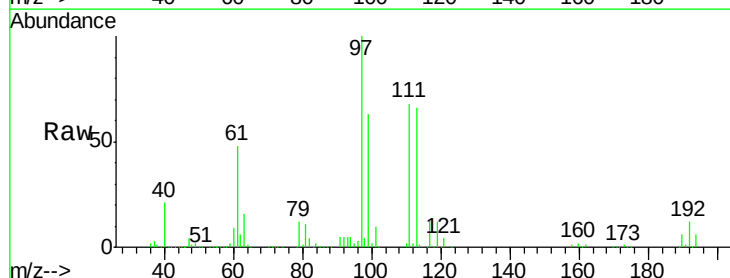
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

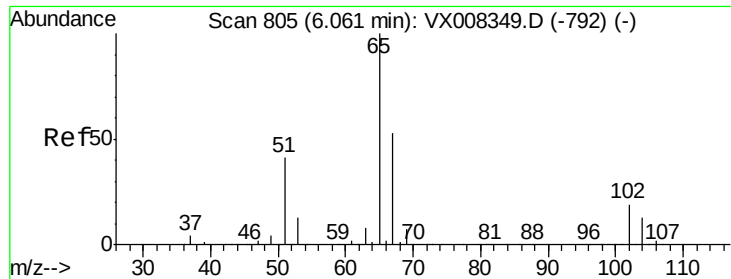
Tot Ion: 56 Resp: 271361
Ion Ratio Lower Upper
56 100
69 28.5 24.0 36.0
84 72.8 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 48.351 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX008354.D
Acq: 23 Mar 2019 16:22

Tgt Ion: 97 Resp: 200733
Ion Ratio Lower Upper
97 100
99 64.2 52.2 78.2
61 48.8 34.9 52.3

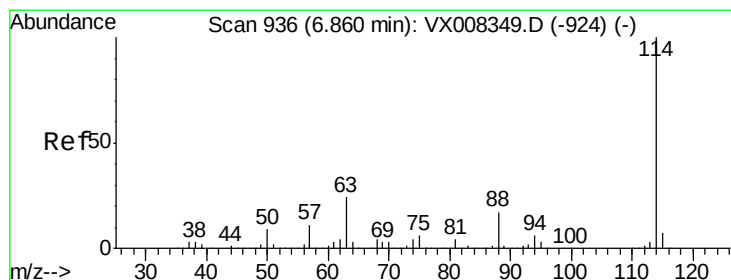
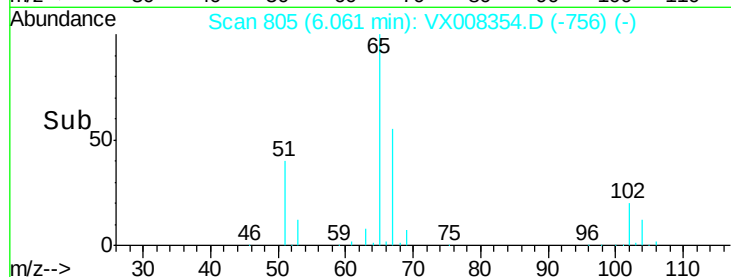
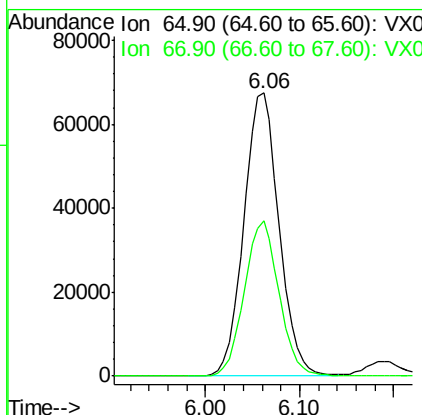
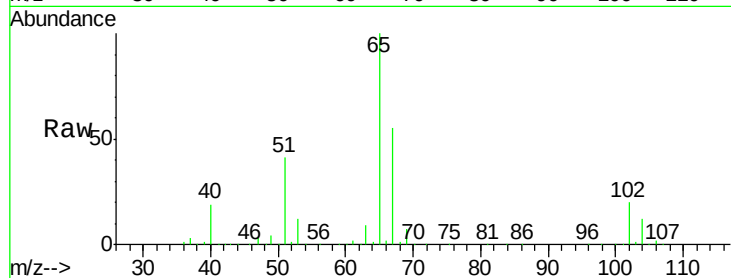




#33
 1,2-Dichloroethane-d4
 Concen: 49.815 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008354.D
 Acq: 23 Mar 2019 16:22

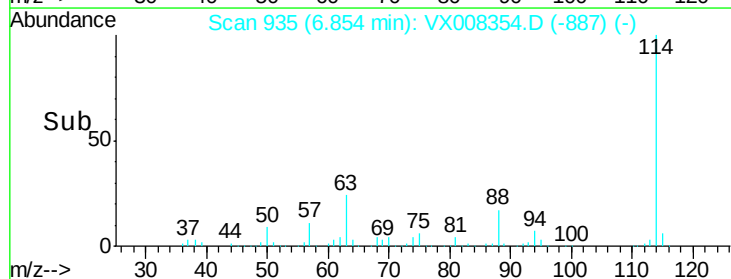
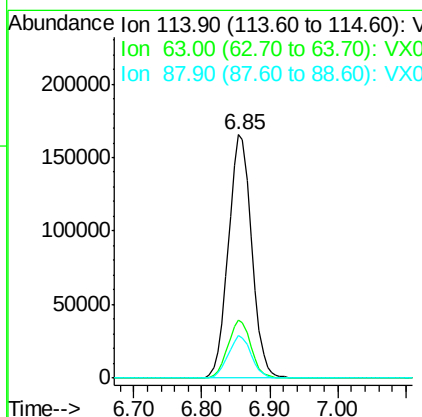
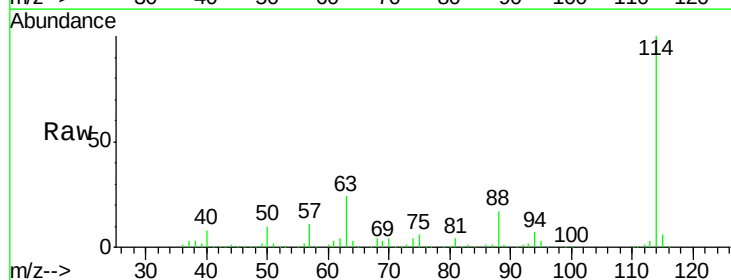
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

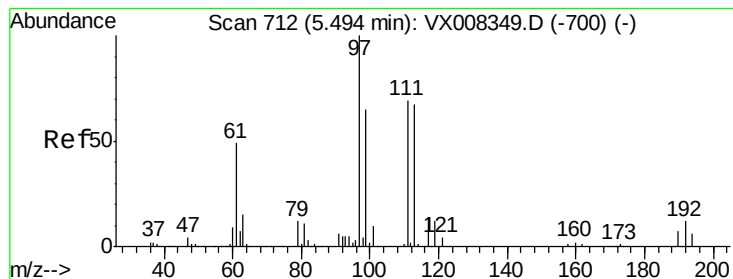
Tot Ion: 65 Resp: 176788
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX008354.D
 Acq: 23 Mar 2019 16:22

Tgt Ion: 114 Resp: 393131
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 39.8
 88 17.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.071 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

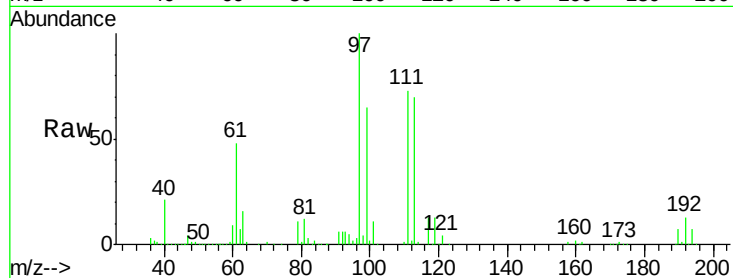
Tot Ion:113 Resp: 130081

Ion Ratio Lower Upper

113 100

111 104.0 81.4 122.0

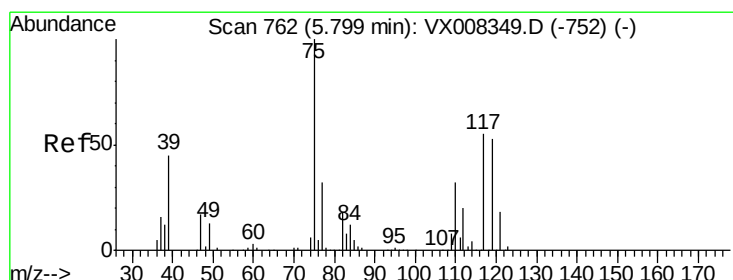
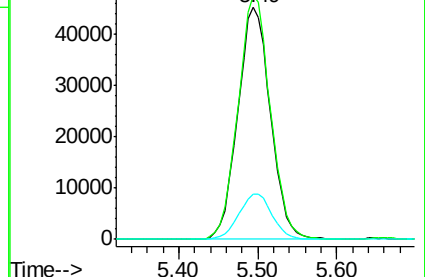
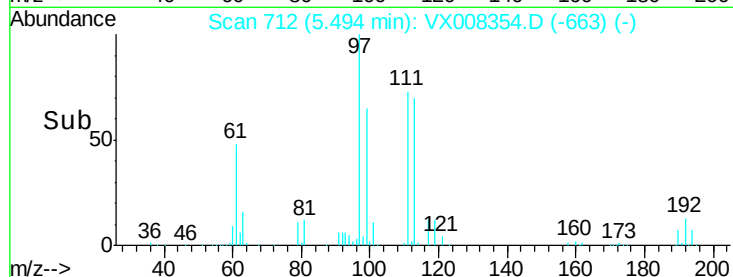
192 19.9 19.4 29.0



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: 49.479 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

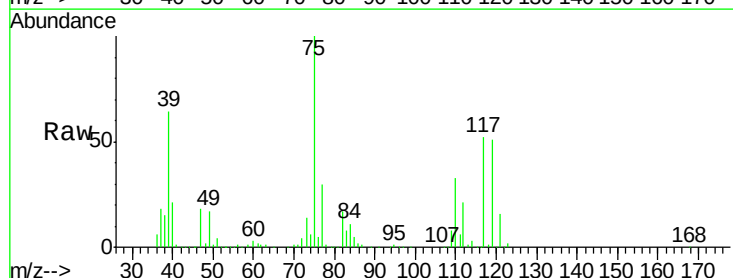
Tgt Ion: 75 Resp: 198767

Ion Ratio Lower Upper

75 100

110 33.0 18.4 55.0

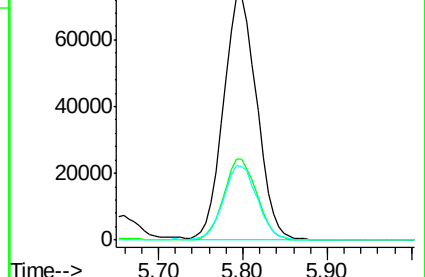
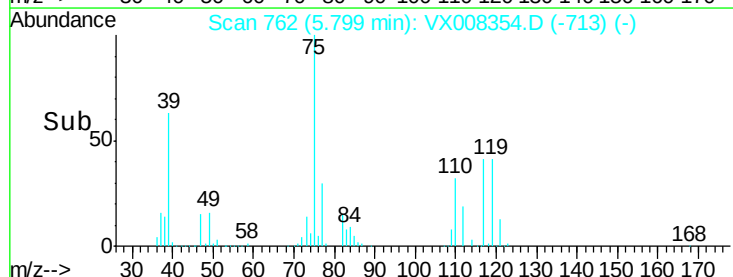
77 30.9 25.0 37.4

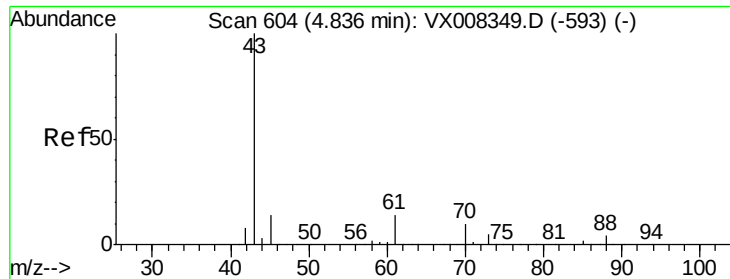


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 47.933 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

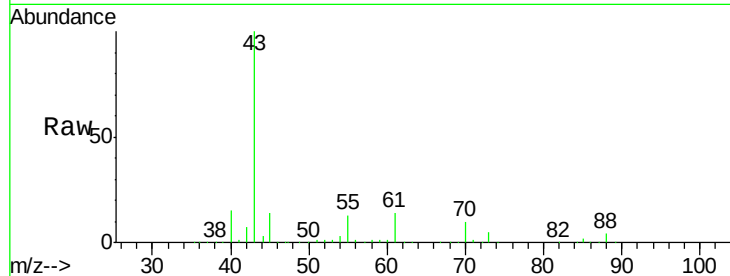
Tot Ion: 43 Resp: 260608

Ion Ratio Lower Upper

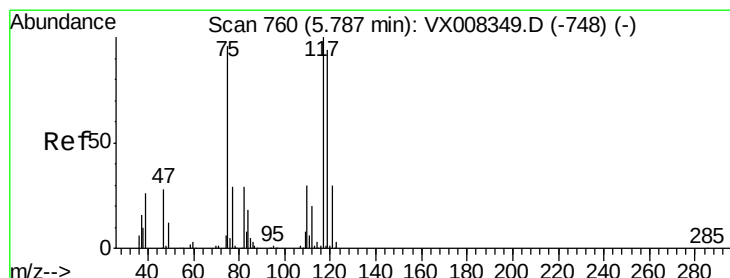
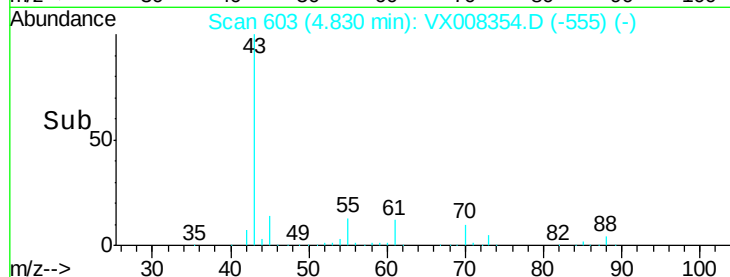
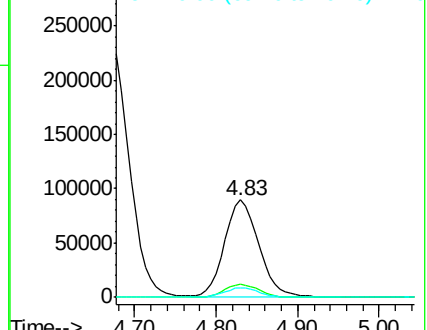
43 100

61 13.3 11.3 16.9

70 9.9 8.5 12.7



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: 49.018 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

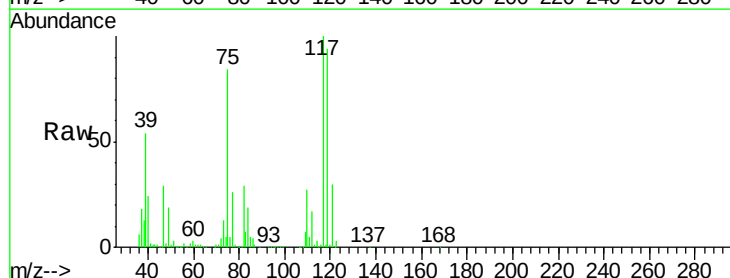
Tgt Ion: 117 Resp: 168797

Ion Ratio Lower Upper

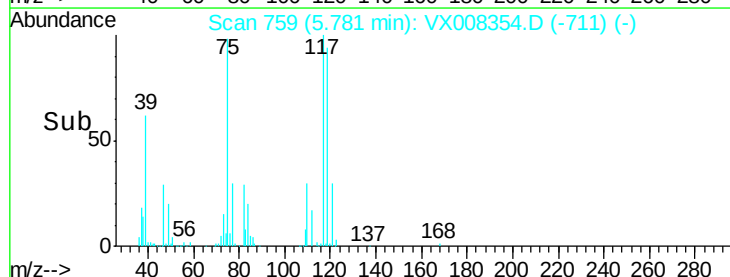
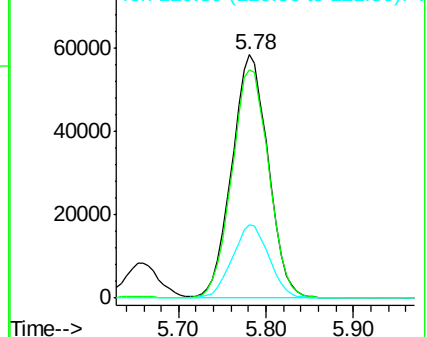
117 100

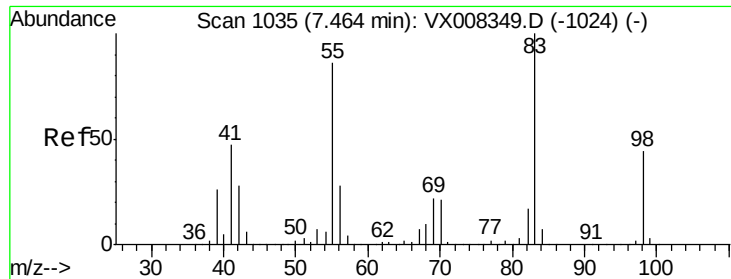
119 94.0 76.2 114.2

121 30.2 24.6 36.8



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

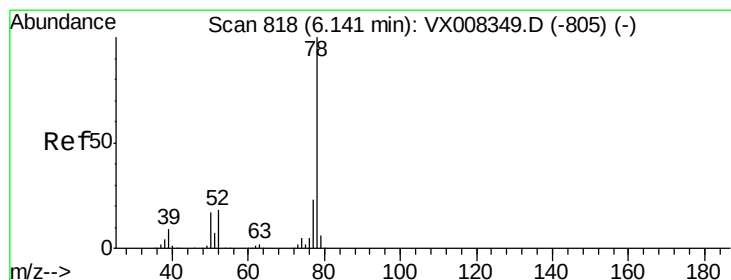
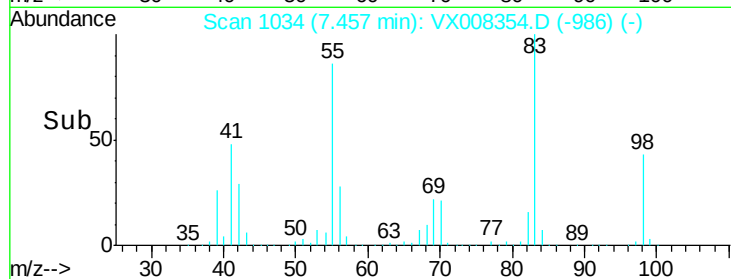
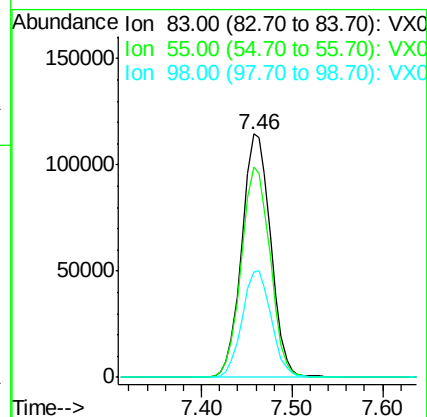
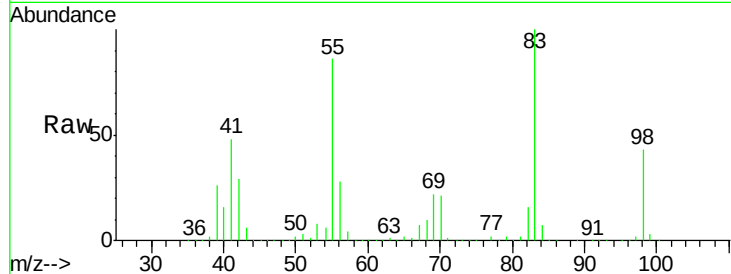




#39
Methylvlcyclohexane
Concen: 51.421 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008354.D
Acq: 23 Mar 2019 16:22

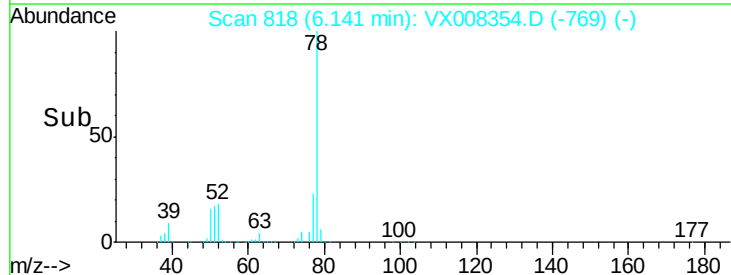
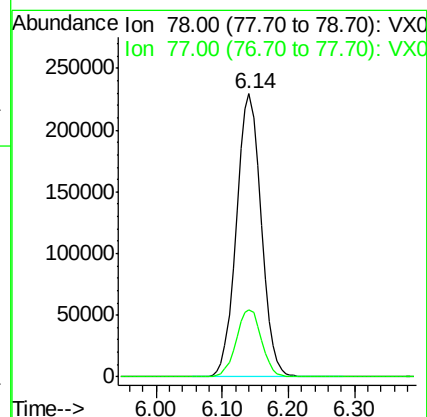
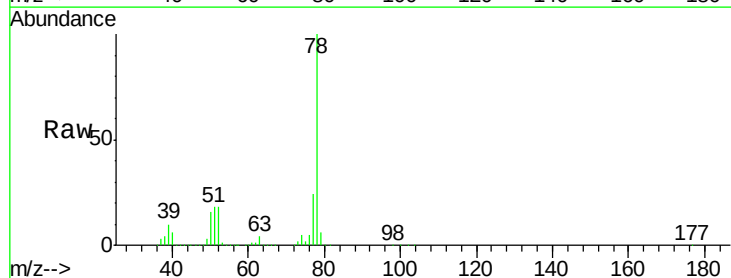
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

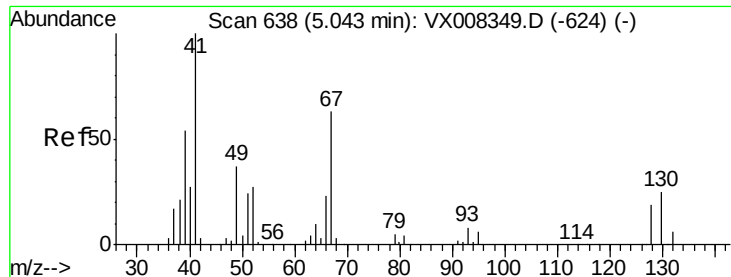
Tot Ion: 83 Resp: 253201
Ion Ratio Lower Upper
83 100
55 86.4 60.4 90.6
98 43.3 36.5 54.7



#40
Benzene
Concen: 48.758 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008354.D
Acq: 23 Mar 2019 16:22

Tgt Ion: 78 Resp: 596506
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4





#41

Methacrylonitrile

Concen: 48.733 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 144419

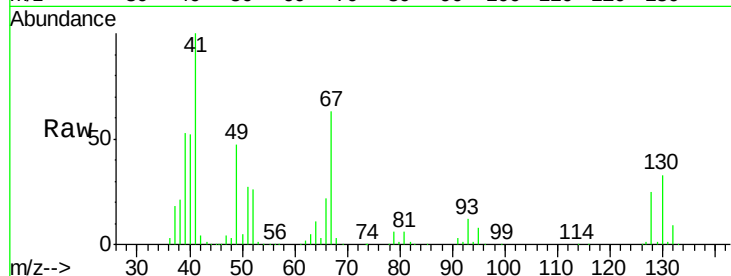
Ion Ratio Lower Upper

41 100

39 54.3 41.6 62.4

67 65.1 55.8 83.6

52 26.8 21.7 32.5

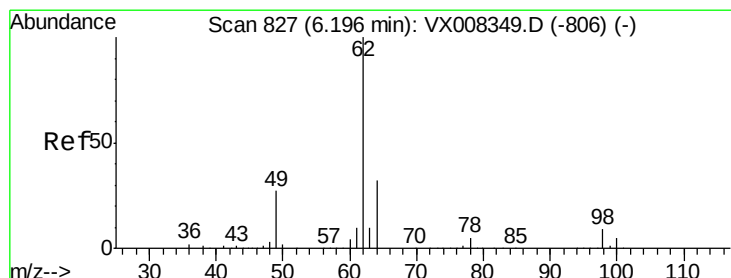
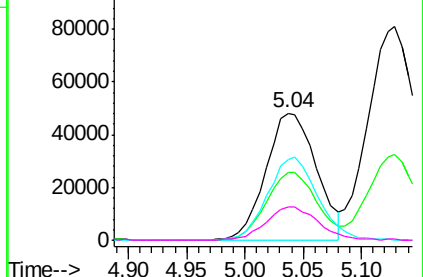
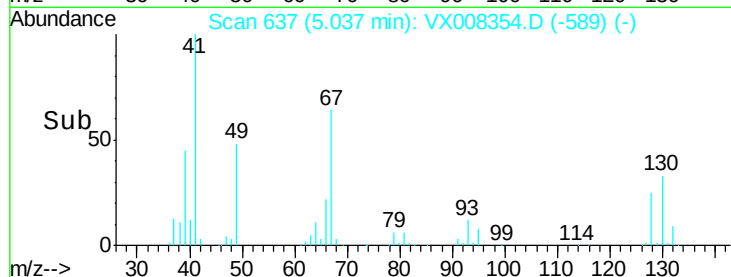


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 47.330 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX008354.D

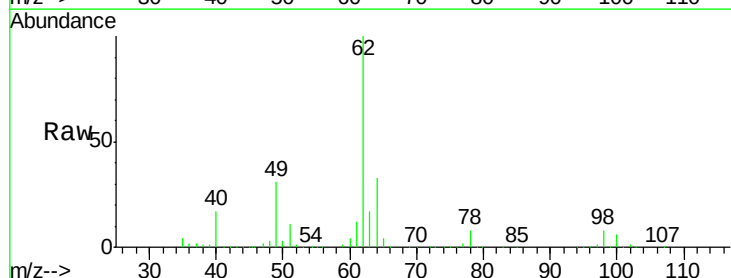
Acq: 23 Mar 2019 16:22

Tgt Ion: 62 Resp: 210133

Ion Ratio Lower Upper

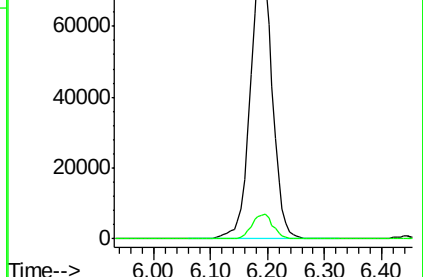
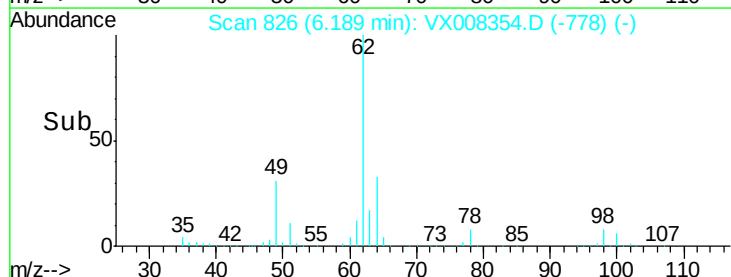
62 100

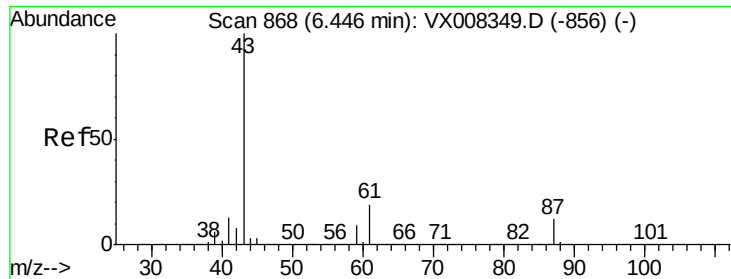
98 8.7 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



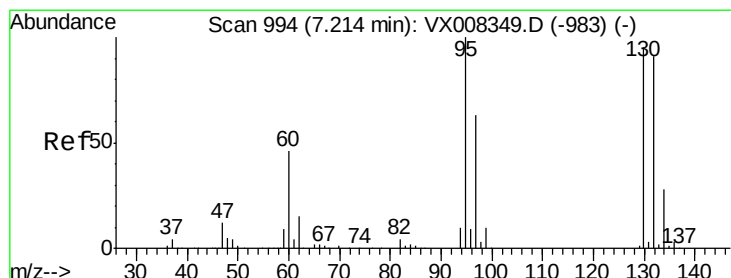
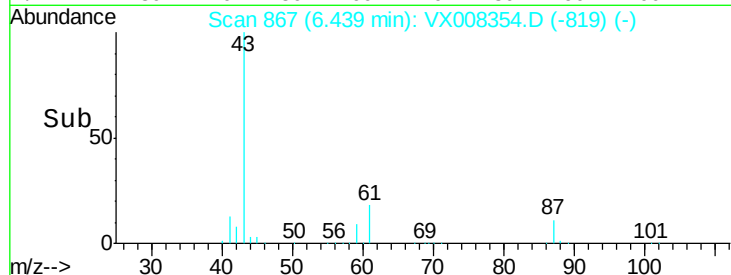
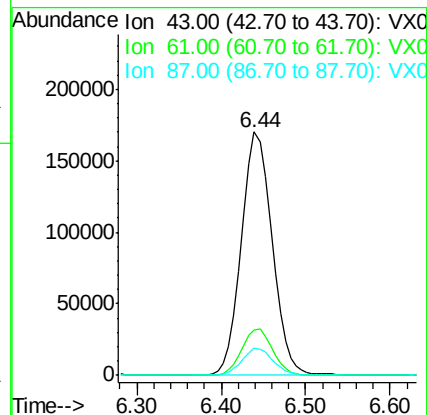
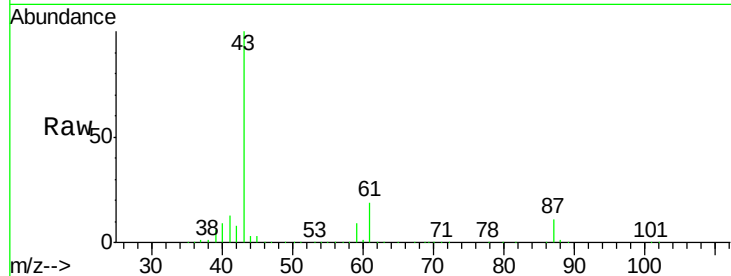


#43

Isopropyl Acetate
 Concen: 49.608 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX008354.D
 Acq: 23 Mar 2019 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

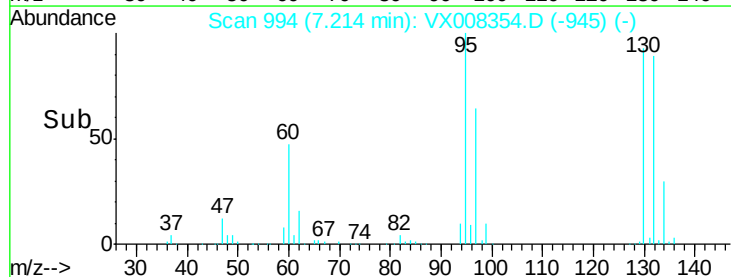
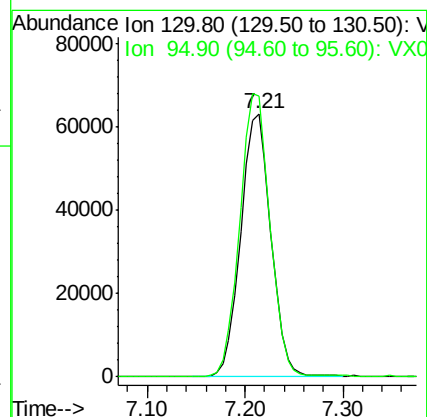
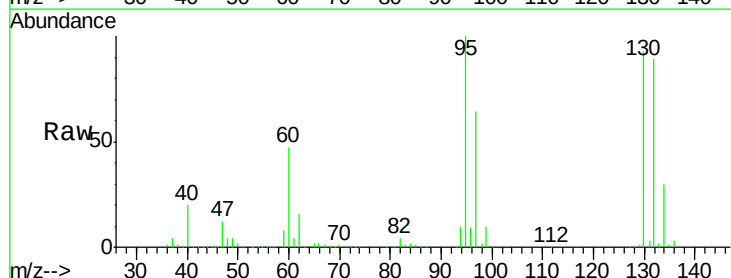
Tot Ion: 43 Resp: 419992
 Ion Ratio Lower Upper
 43 100
 61 19.4 16.3 24.5
 87 11.4 10.5 15.7

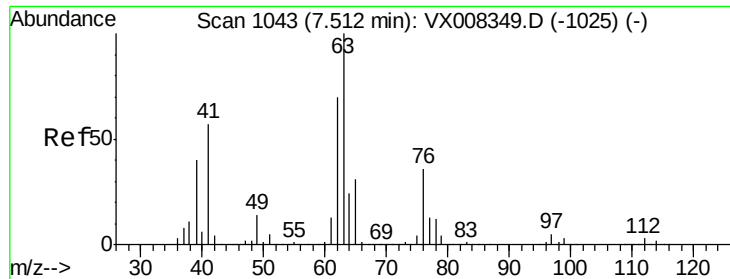


#44

Trichloroethene
 Concen: 47.711 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008354.D
 Acq: 23 Mar 2019 16:22

Tgt Ion:130 Resp: 135550
 Ion Ratio Lower Upper
 130 100
 95 107.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 49.002 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

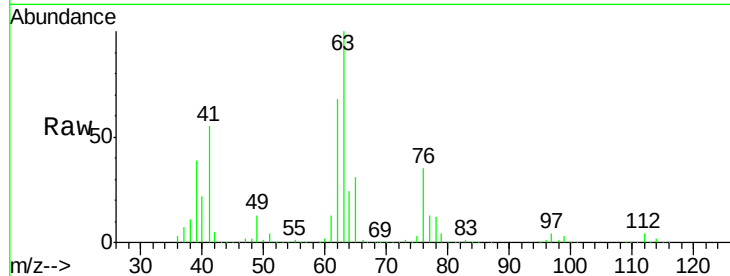
VSTDCCC050

Tot Ion: 63 Resp: 169717

Ion Ratio Lower Upper

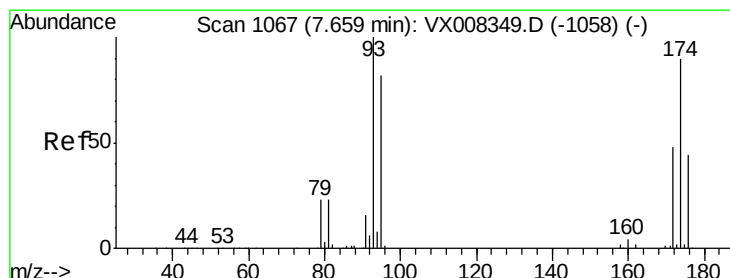
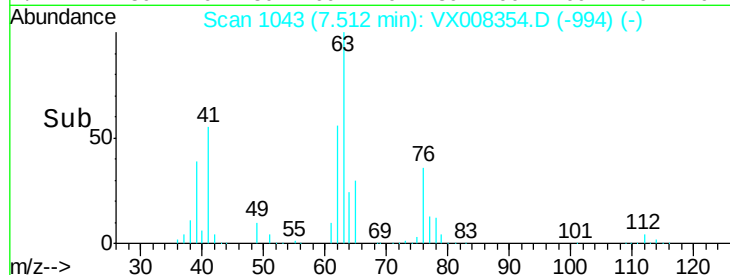
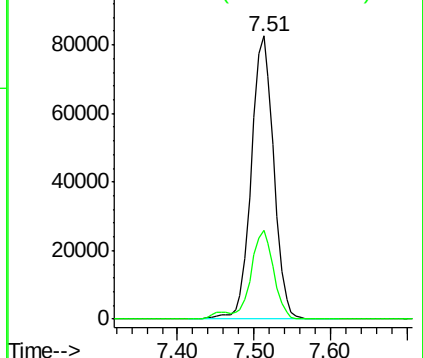
63 100

65 31.5 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.277 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

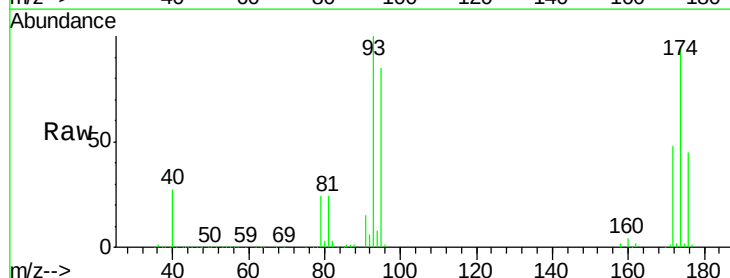
Tgt Ion: 93 Resp: 97174

Ion Ratio Lower Upper

93 100

95 83.8 66.8 100.2

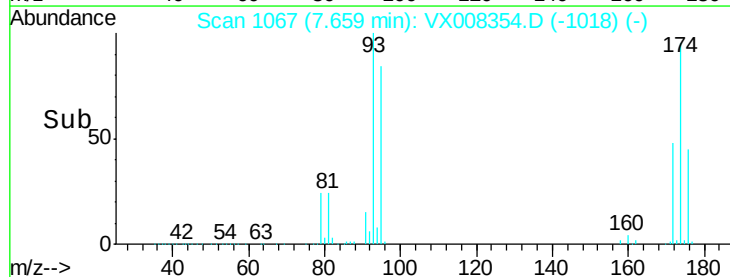
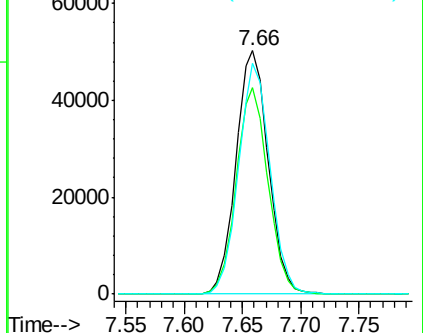
174 93.3 97.3 145.9#

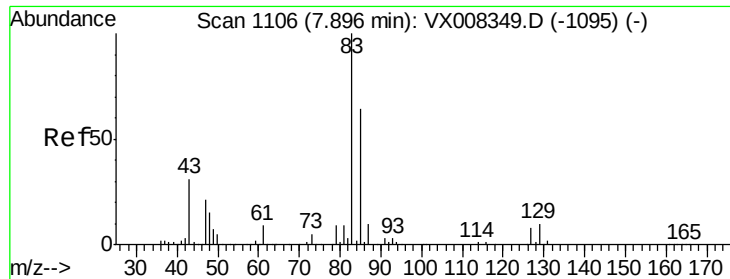


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.286 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

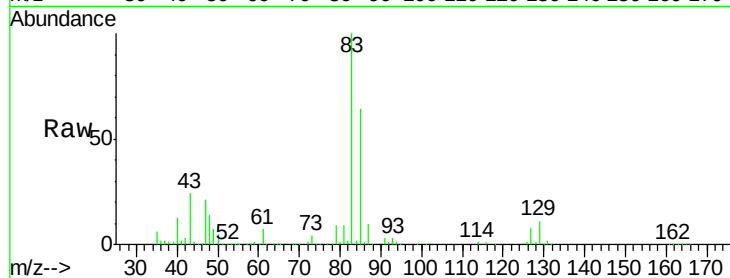
Tot Ion: 83 Resp: 193225

Ion Ratio Lower Upper

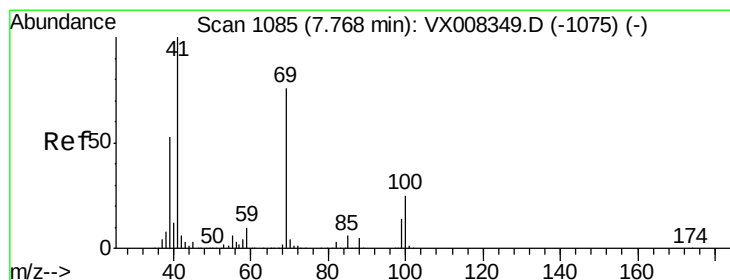
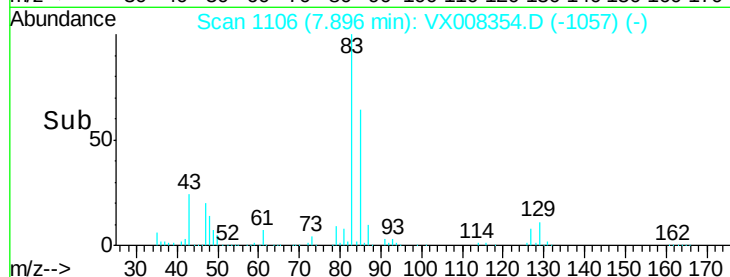
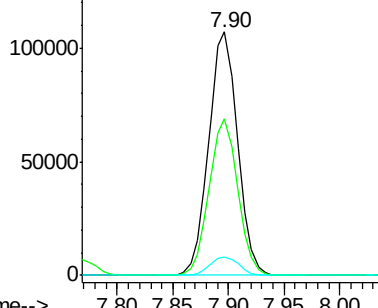
83 100

85 64.4 50.9 76.3

127 7.8 7.4 11.0



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: 49.885 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

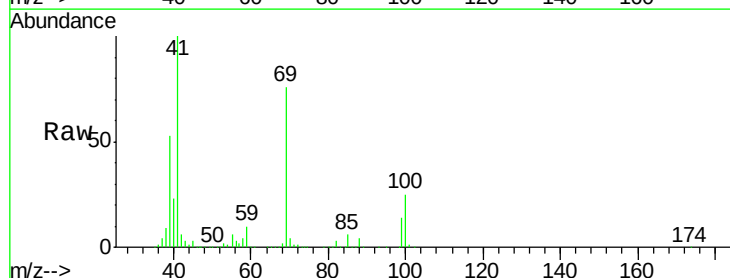
Tgt Ion: 41 Resp: 213109

Ion Ratio Lower Upper

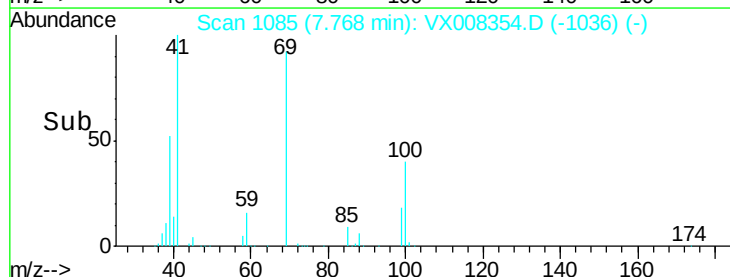
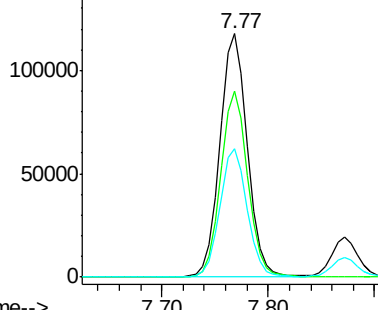
41 100

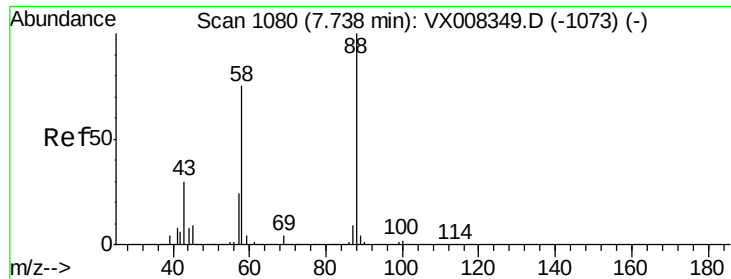
69 75.2 65.2 97.8

39 52.4 39.4 59.2



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

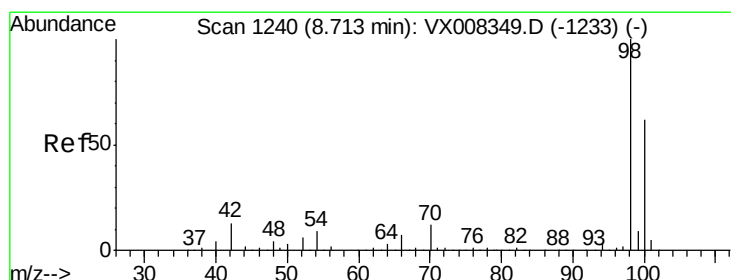
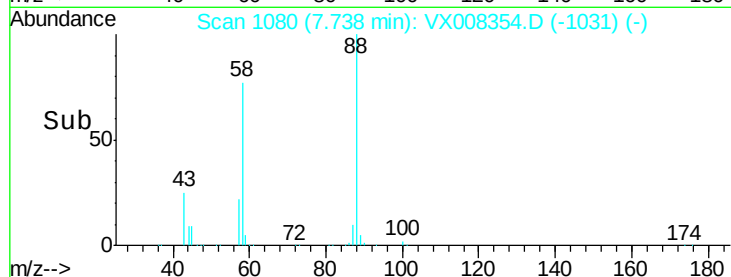
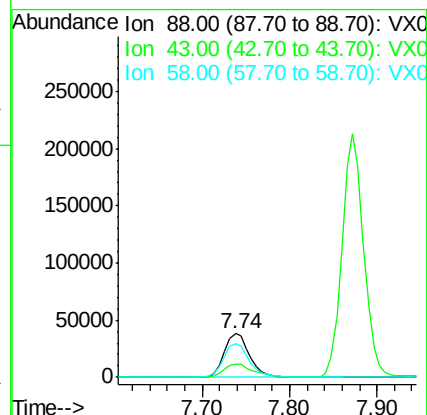
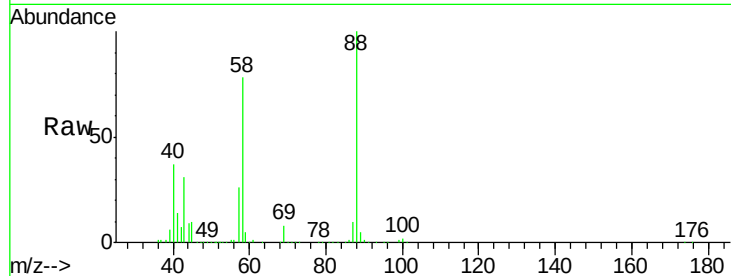




#49
1,4-Dioxane
Concen: 890.163 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008354.D
Acq: 23 Mar 2019 16:22

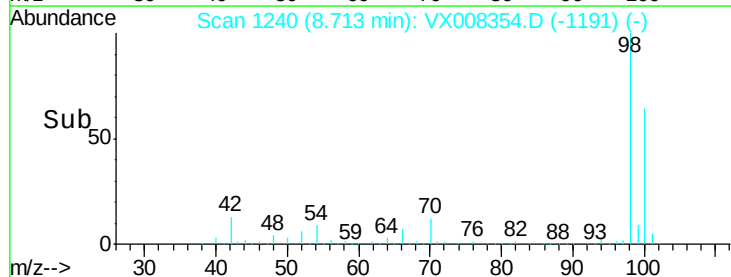
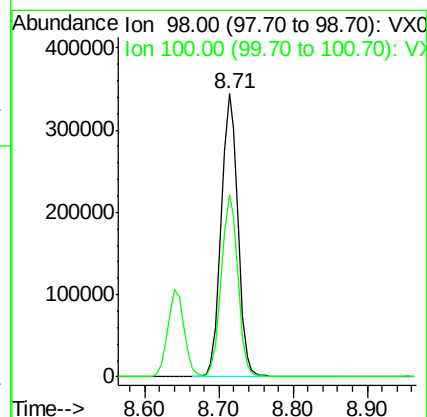
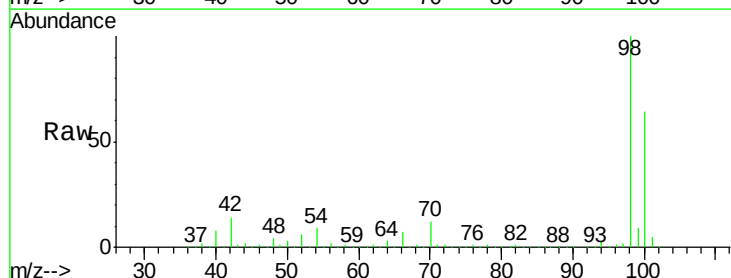
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

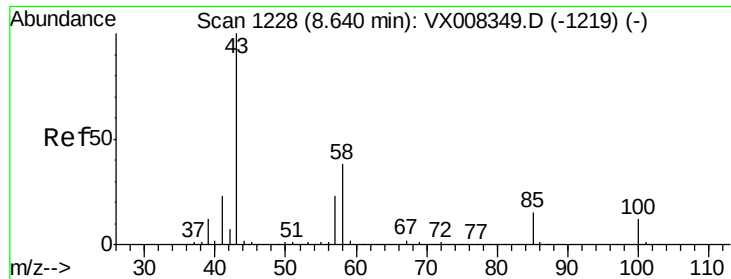
Tot Ion: 88 Resp: 76725
Ion Ratio Lower Upper
88 100
43 37.1 25.1 37.7
58 79.6 57.8 86.6



#50
Toluene-d8
Concen: 52.479 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008354.D
Acq: 23 Mar 2019 16:22

Tgt Ion: 98 Resp: 528697
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 242.178 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

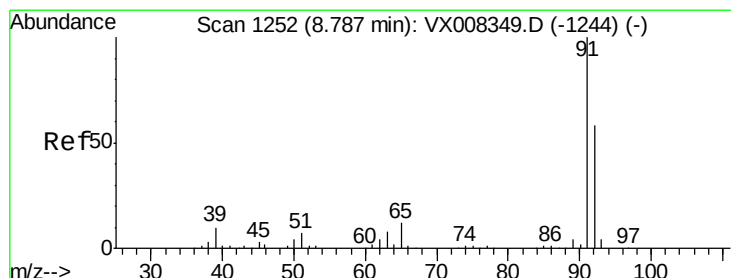
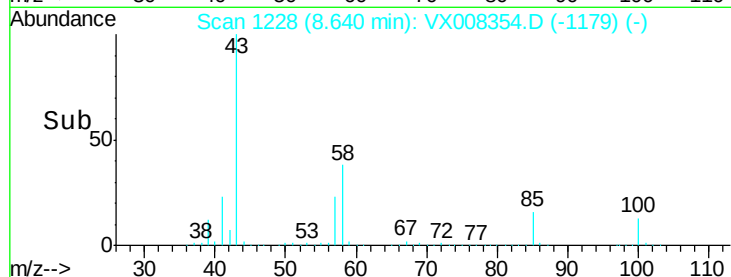
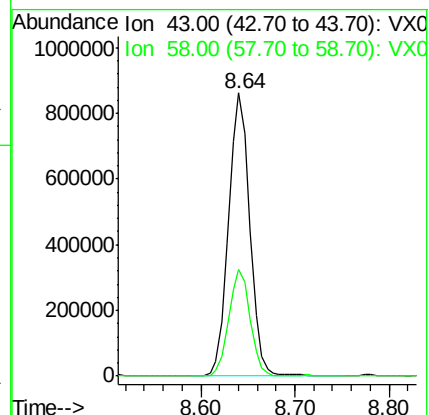
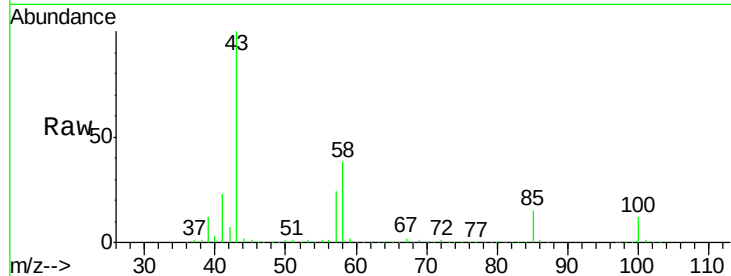
VSTDCCC050

Tot Ion: 43 Resp: 1345245

Ion Ratio Lower Upper

43 100

58 37.6 31.3 46.9



#52

Toluene

Concen: 50.452 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008354.D

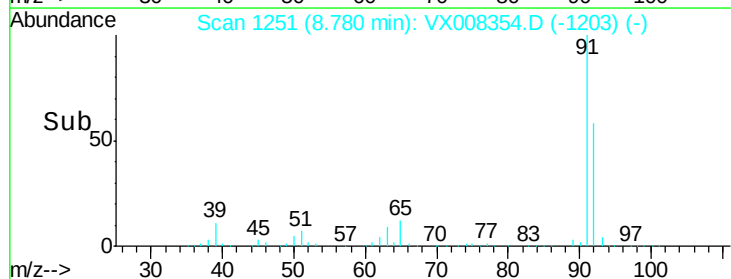
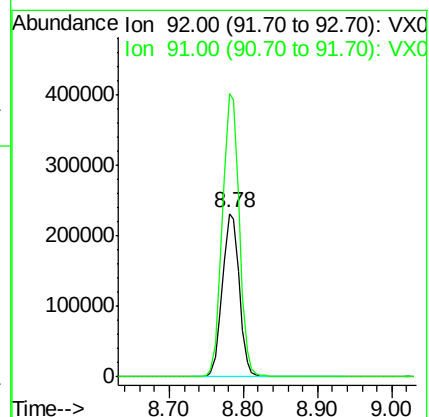
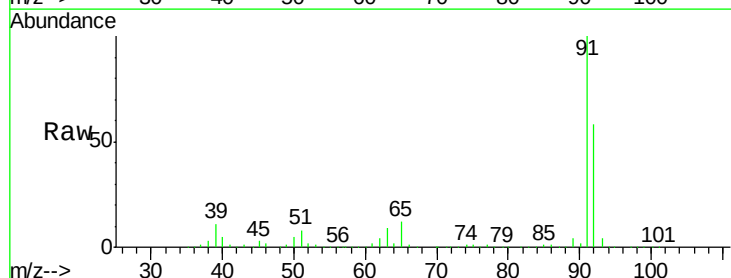
Acq: 23 Mar 2019 16:22

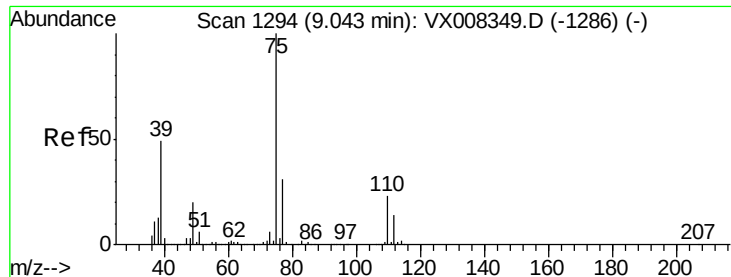
Tgt Ion: 92 Resp: 361934

Ion Ratio Lower Upper

92 100

91 173.5 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 52.556 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

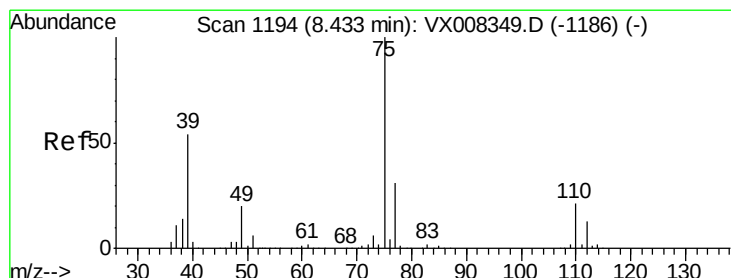
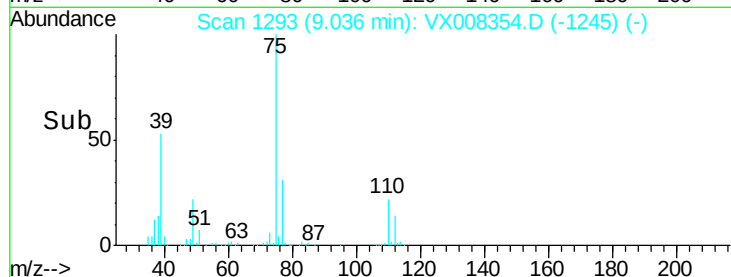
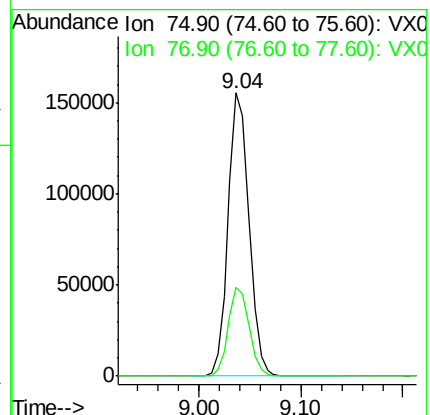
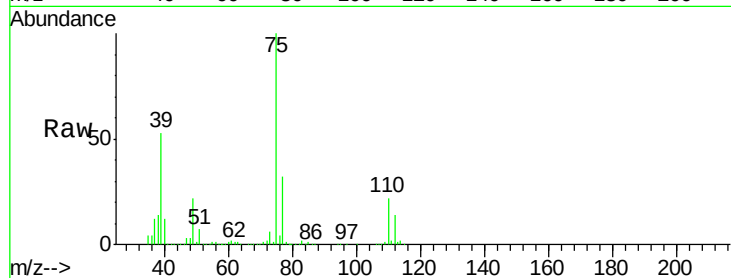
VSTDCCC050

Tot Ion: 75 Resp: 221533

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 51.921 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

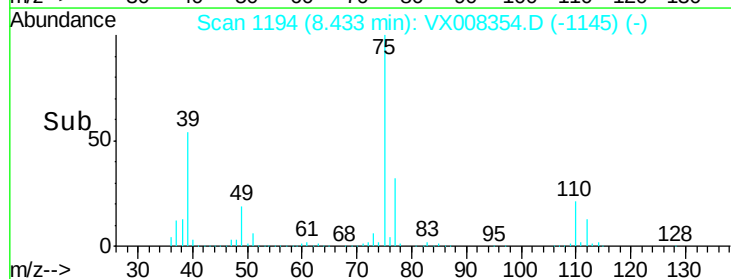
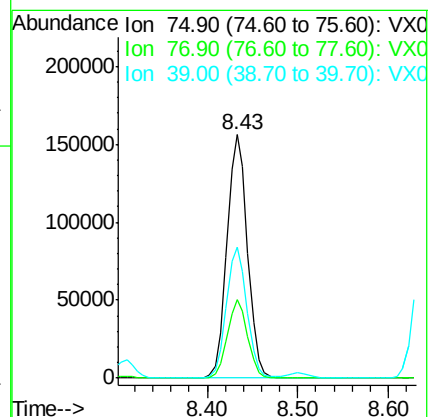
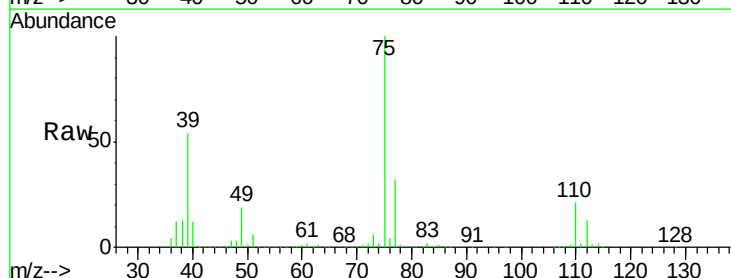
Tgt Ion: 75 Resp: 248135

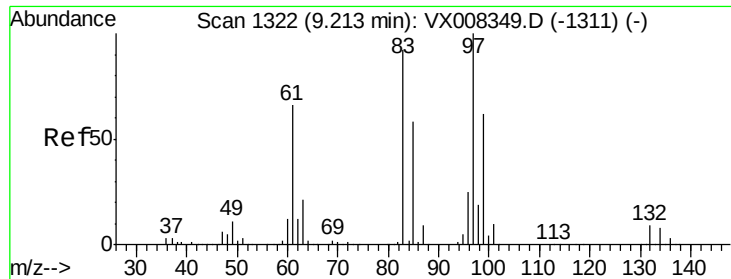
Ion Ratio Lower Upper

75 100

77 32.5 25.0 37.6

39 53.7 36.6 54.8

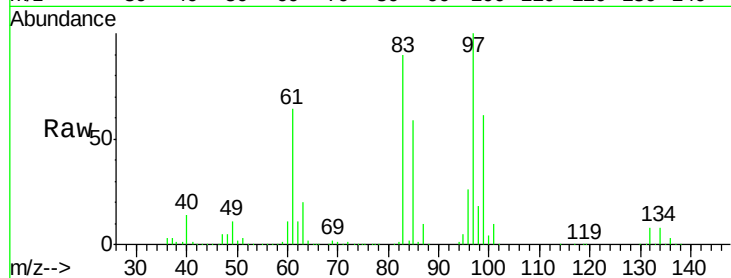




#55
 1,1,2-Trichloroethane
 Concen: 48.415 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008354.D
 Acq: 23 Mar 2019 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	144269
Ion	Ratio	Lower	Upper
97	100		
83	90.2	69.1	103.7
85	58.5	44.3	66.5
99	61.3	49.8	74.8



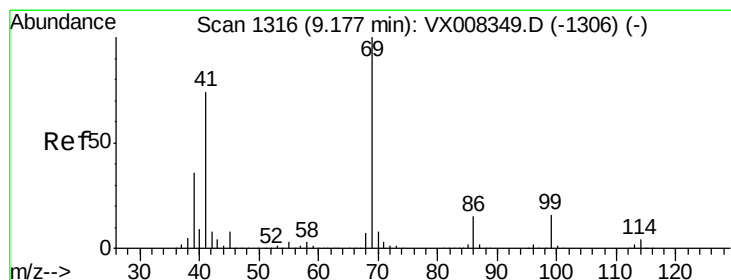
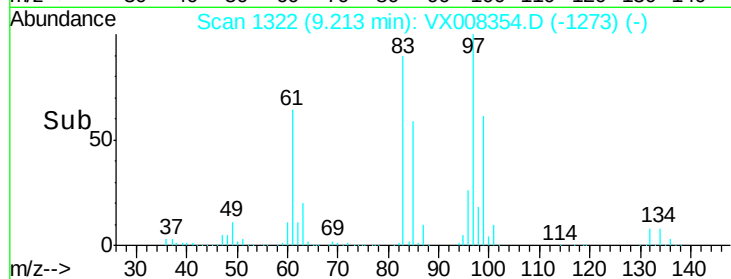
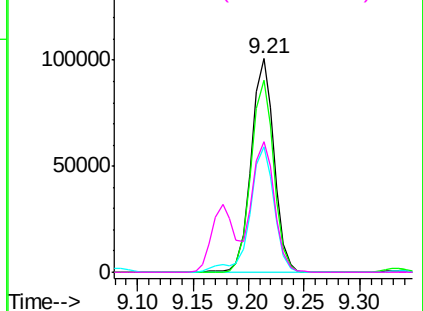
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

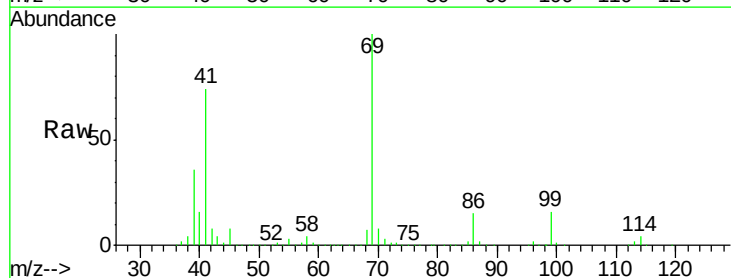
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 51.249 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008354.D
 Acq: 23 Mar 2019 16:22

Tgt Ion:	69	Resp:	270353
Ion	Ratio	Lower	Upper
69	100		
41	74.5	54.2	81.4
39	36.8	25.0	37.4

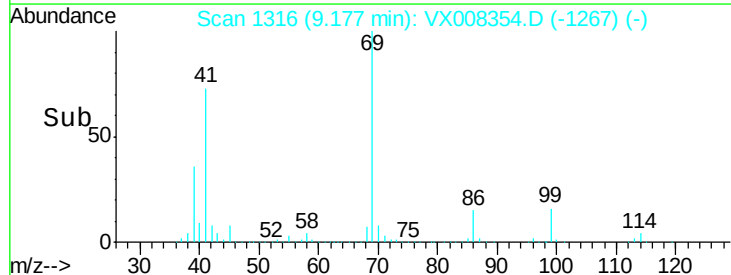
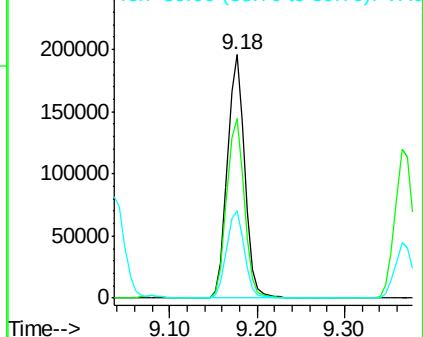


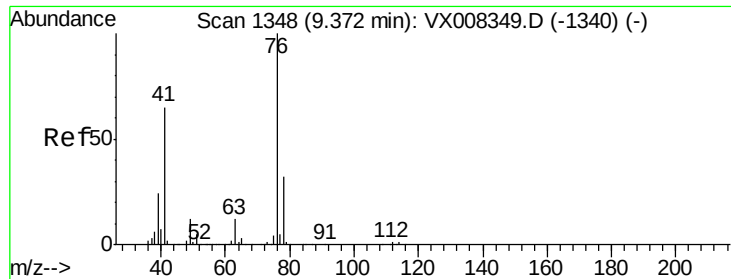
Abundance

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: 48.556 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

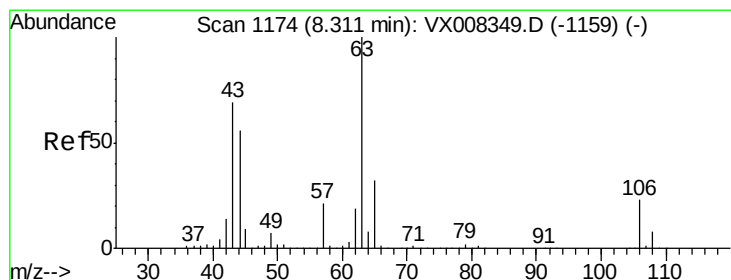
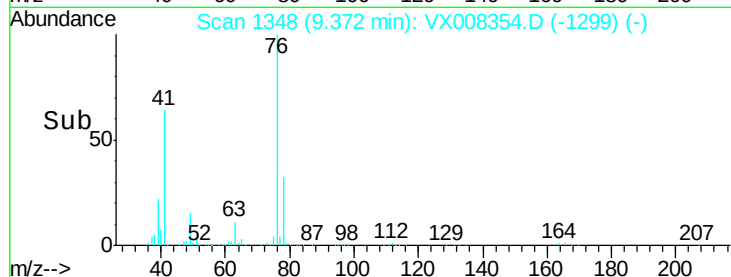
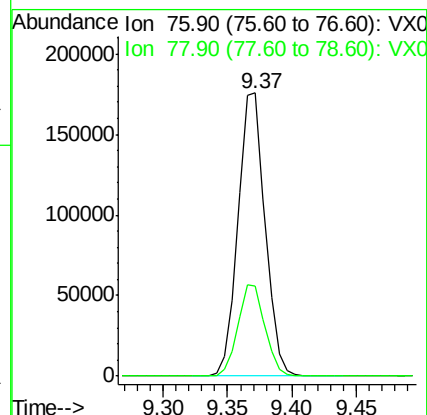
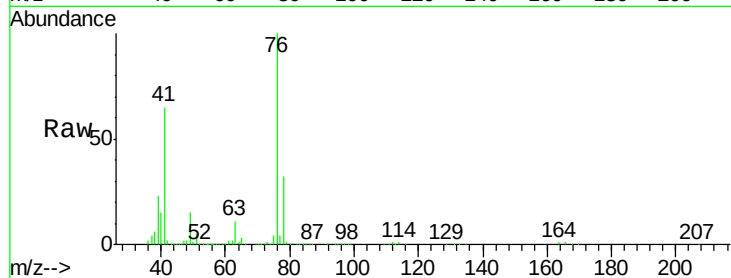
VSTDCCC050

Tot Ion: 76 Resp: 257755

Ion Ratio Lower Upper

76 100

78 32.3 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 295.126 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008354.D

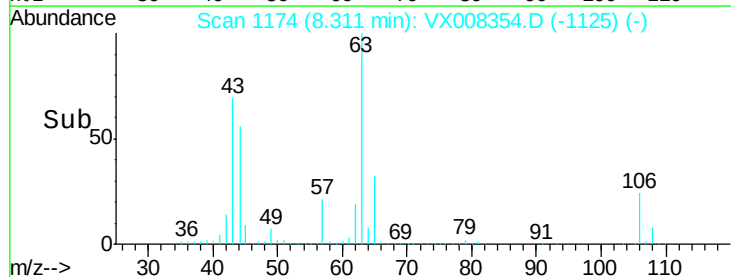
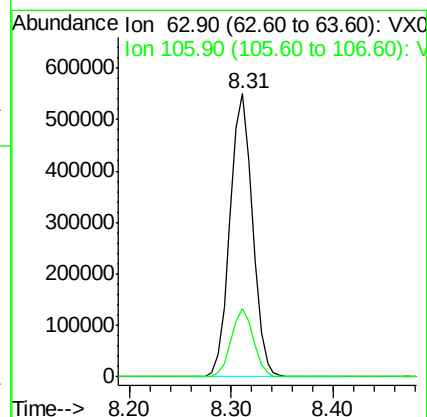
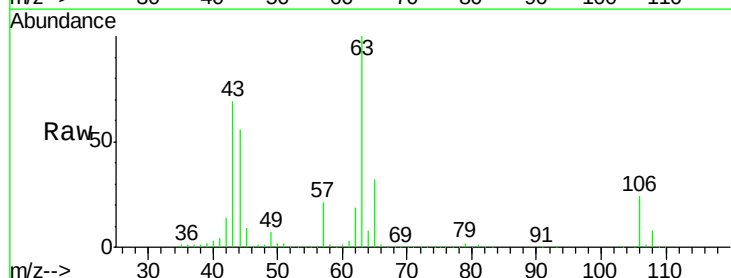
Acq: 23 Mar 2019 16:22

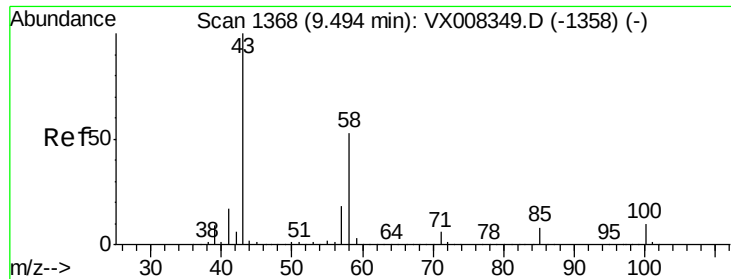
Tgt Ion: 63 Resp: 839432

Ion Ratio Lower Upper

63 100

106 23.7 22.2 33.2

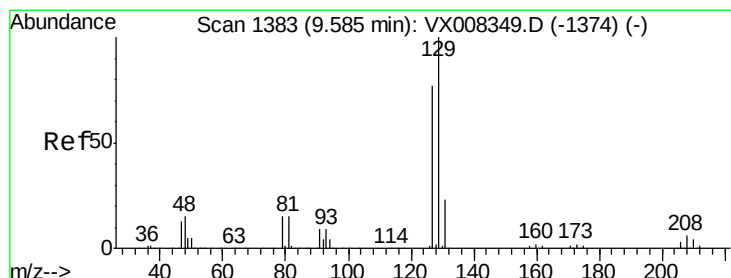
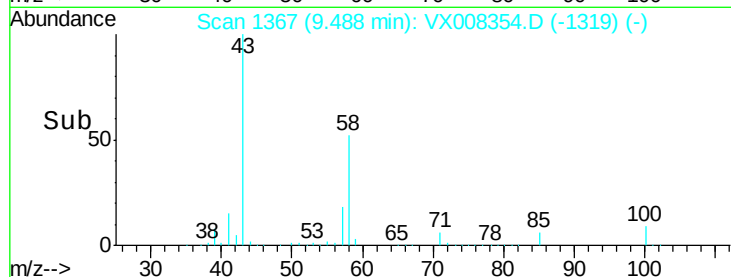
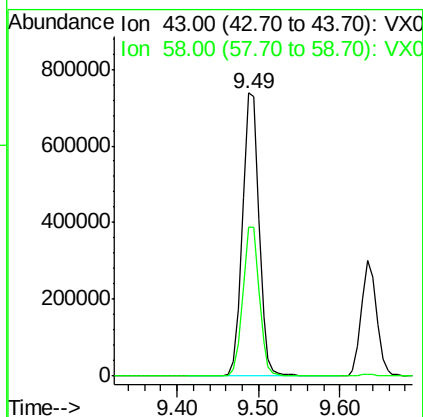
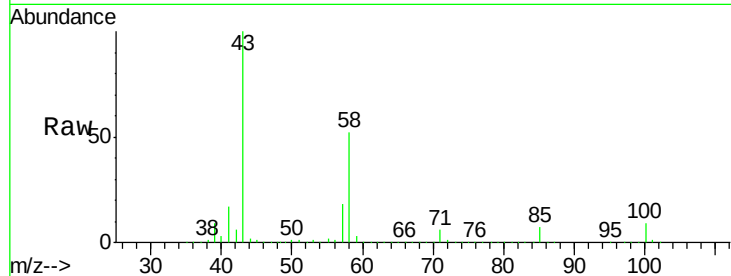




#59
2-Hexanone
Concen: 240.389 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008354.D
Acq: 23 Mar 2019 16:22

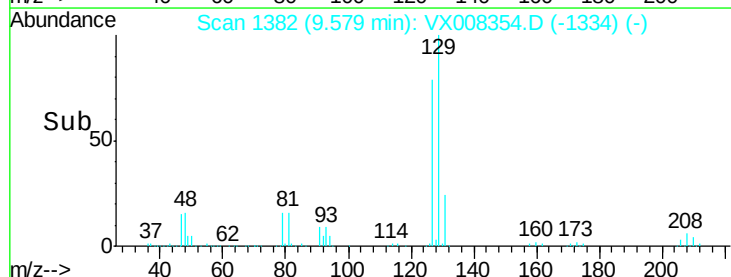
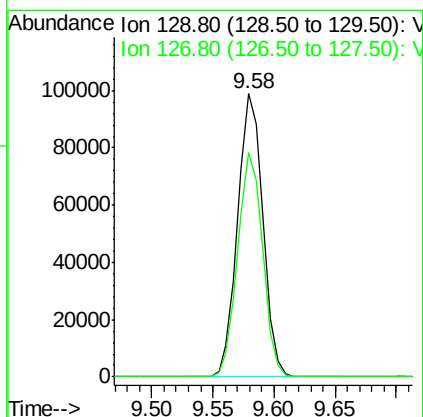
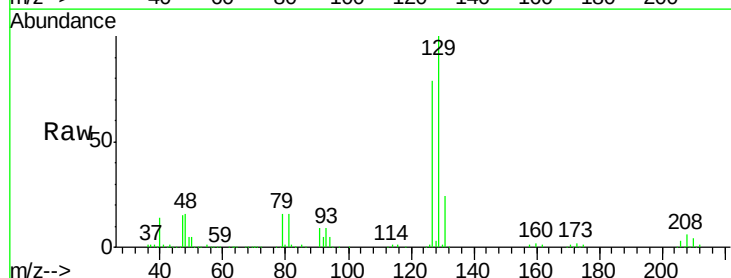
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

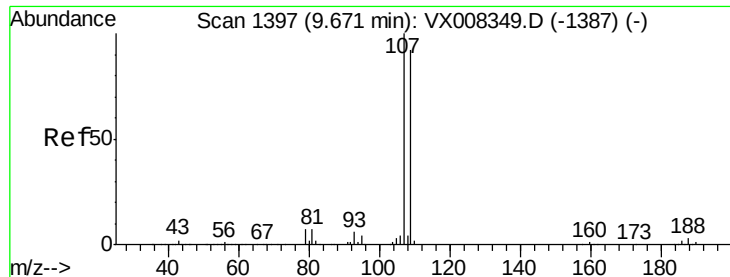
Tot Ion: 43 Resp: 1025059
Ion Ratio Lower Upper
43 100
58 52.5 27.6 82.7



#60
Dibromochloromethane
Concen: 50.895 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX008354.D
Acq: 23 Mar 2019 16:22

Tgt Ion:129 Resp: 140770
Ion Ratio Lower Upper
129 100
127 78.6 38.3 114.8





#61

1,2-Dibromoethane

Concen: 49.919 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

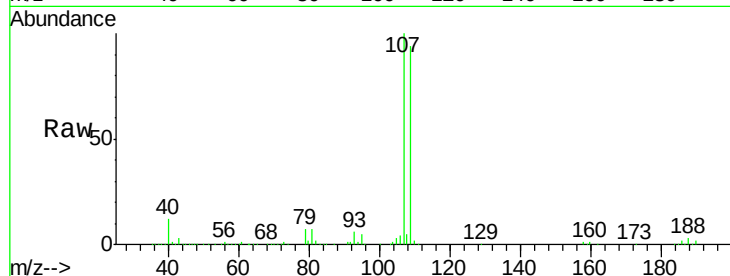
VSTDCCC050

Tot Ion:107 Resp: 150964

Ion Ratio Lower Upper

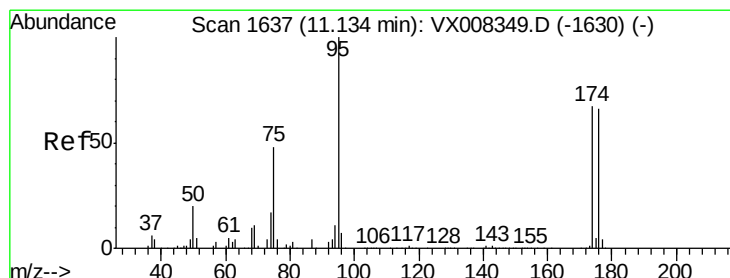
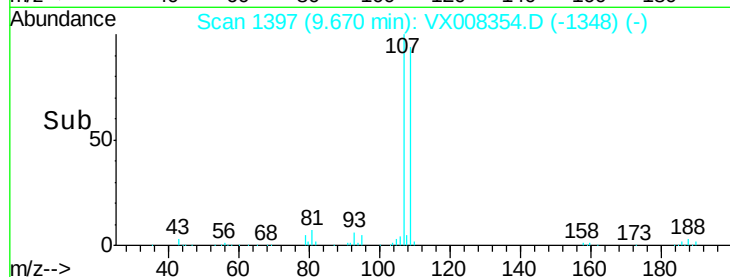
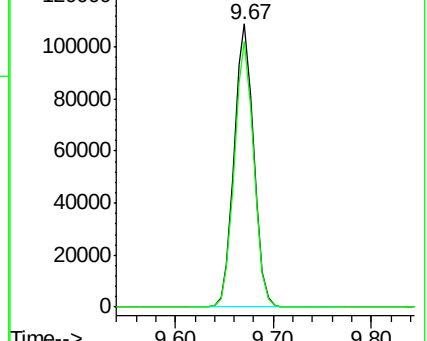
107 100

109 93.6 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.340 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

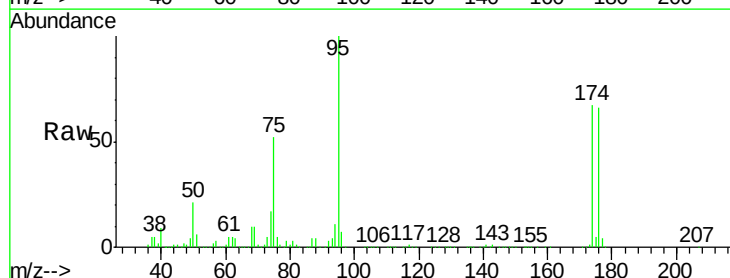
Tgt Ion: 95 Resp: 197301

Ion Ratio Lower Upper

95 100

174 73.5 0.0 182.8

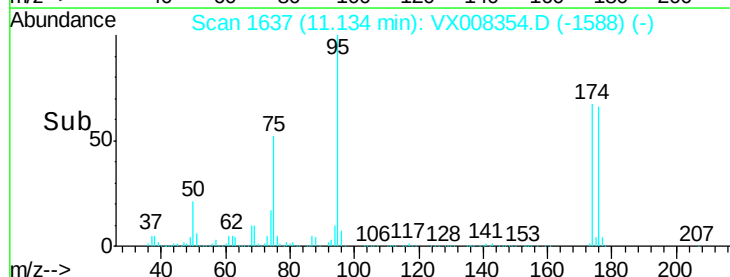
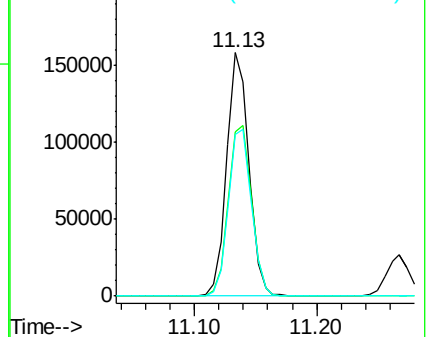
176 71.1 0.0 178.0

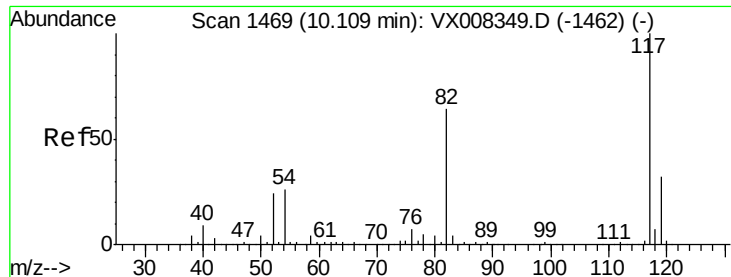


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

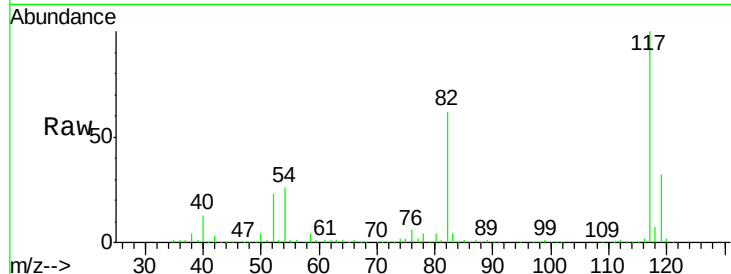




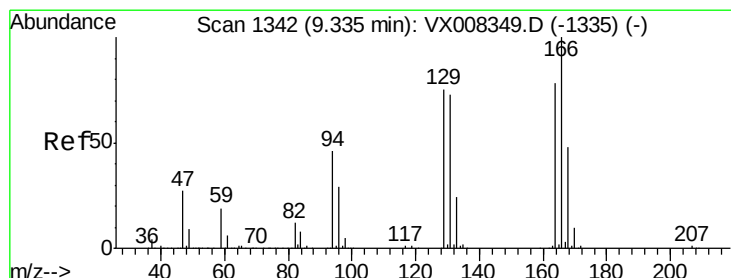
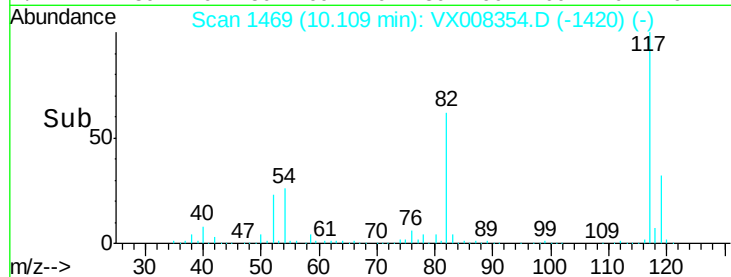
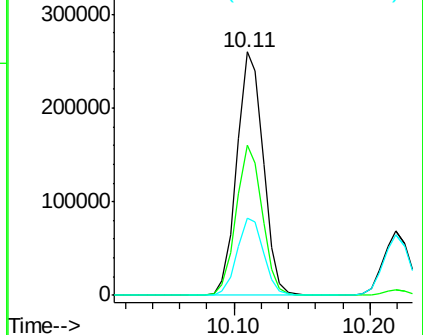
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008354.D
Acq: 23 Mar 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 351659
Ion Ratio Lower Upper
117 100
82 61.8 44.3 66.5
119 31.8 25.3 37.9



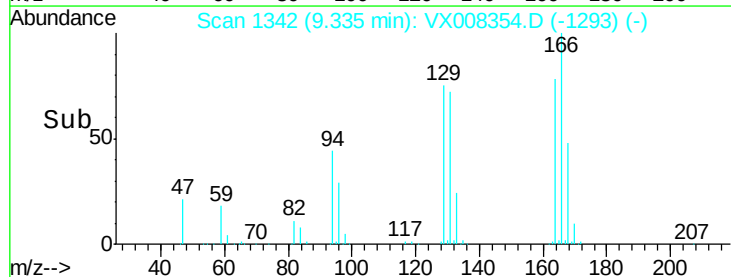
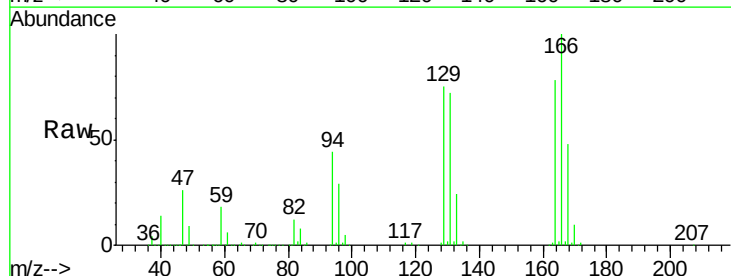
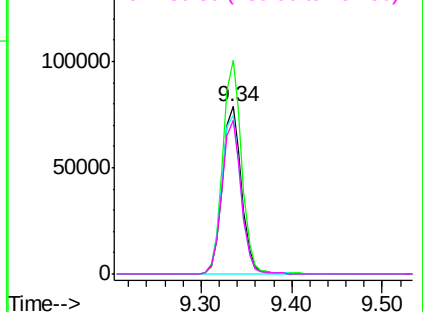
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

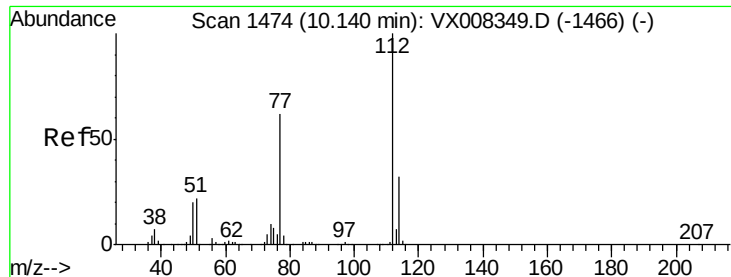


#64
Tetrachloroethene
Concen: 50.154 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008354.D
Acq: 23 Mar 2019 16:22

Tgt Ion:164 Resp: 115336
Ion Ratio Lower Upper
164 100
166 127.7 103.4 155.0
129 95.2 72.2 108.4
131 92.0 69.4 104.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

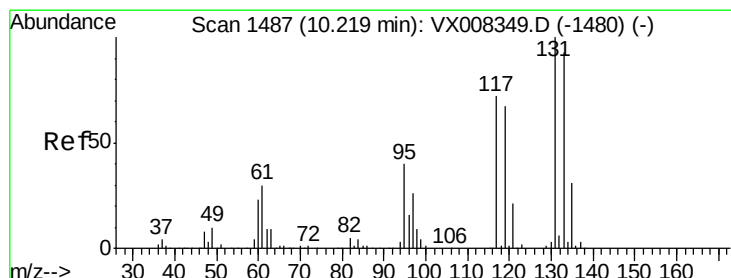
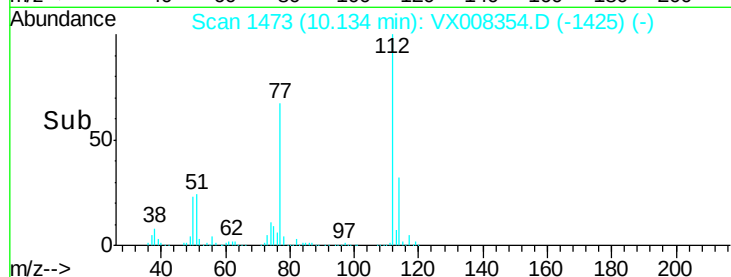
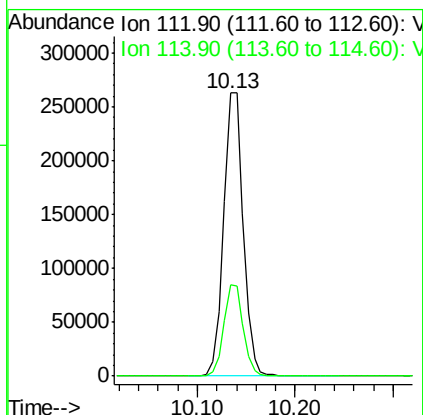
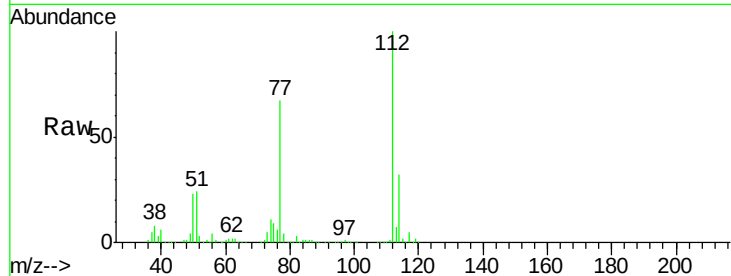




#65
Chlorobenzene
Concen: 49.601 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008354.D
Acq: 23 Mar 2019 16:22

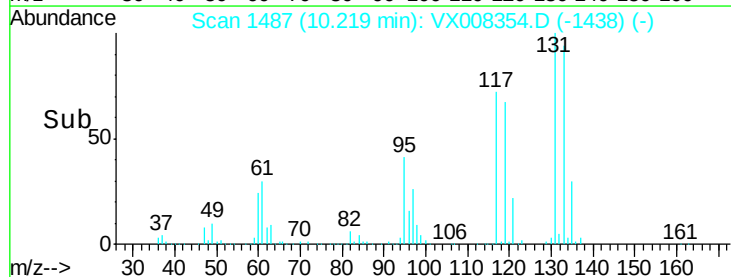
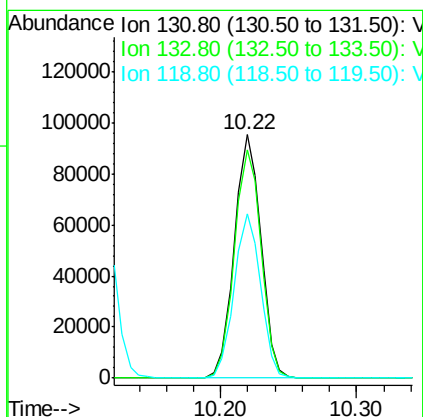
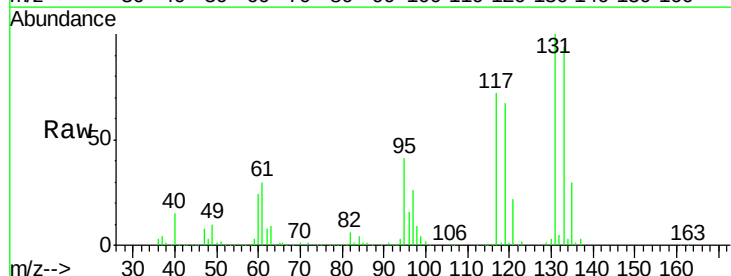
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

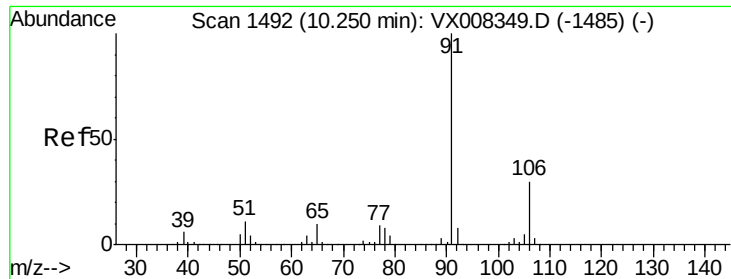
Tot Ion:112 Resp: 365808
Ion Ratio Lower Upper
112 100
114 32.1 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.724 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008354.D
Acq: 23 Mar 2019 16:22

Tgt Ion:131 Resp: 129732
Ion Ratio Lower Upper
131 100
133 94.6 47.8 143.3
119 67.2 32.5 97.5





#67

Ethyl Benzene

Concen: 50.673 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

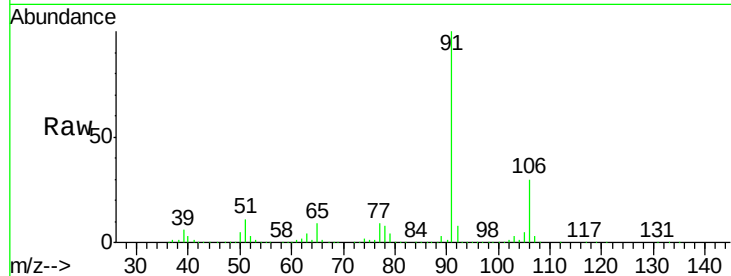
VSTDCCC050

Tot Ion: 91 Resp: 699779

Ion Ratio Lower Upper

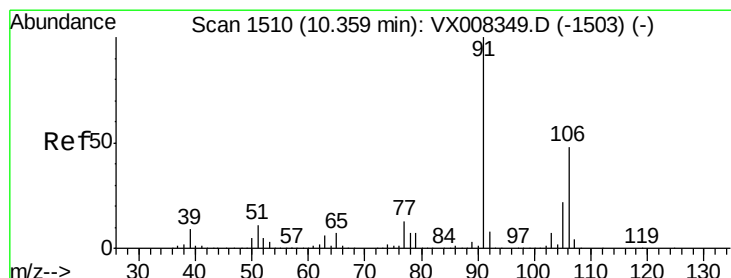
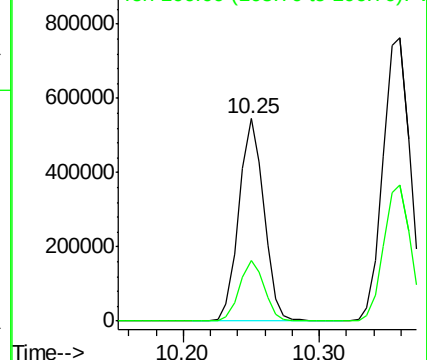
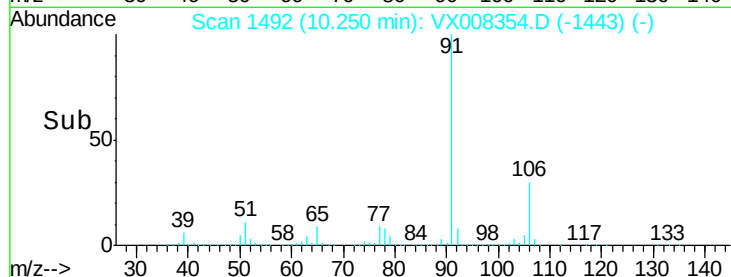
91 100

106 29.9 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 102.096 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008354.D

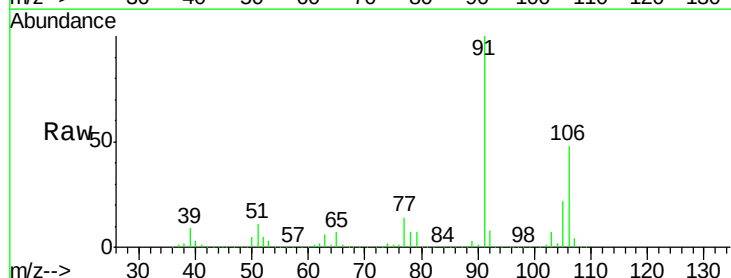
Acq: 23 Mar 2019 16:22

Tgt Ion: 106 Resp: 506579

Ion Ratio Lower Upper

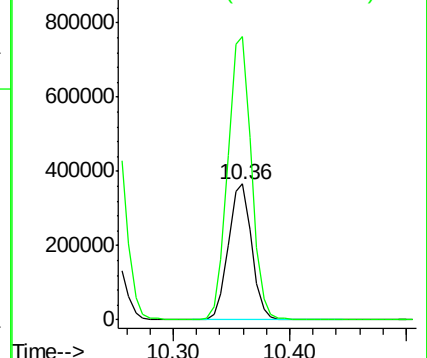
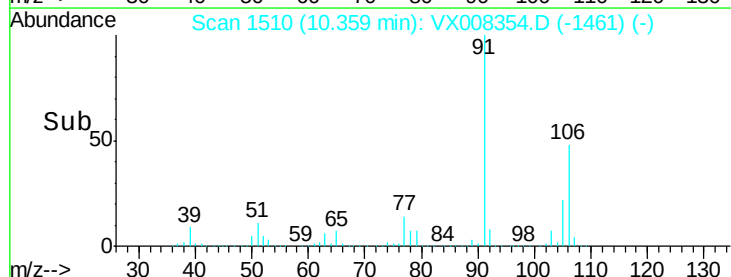
106 100

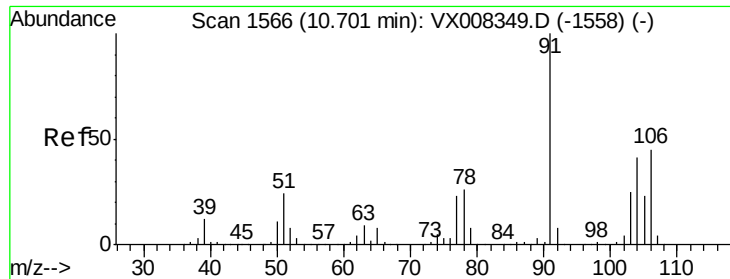
91 211.2 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

o-Xylene

Concen: 50.195 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

Instrument :

MSVOA_X

ClientSampled :

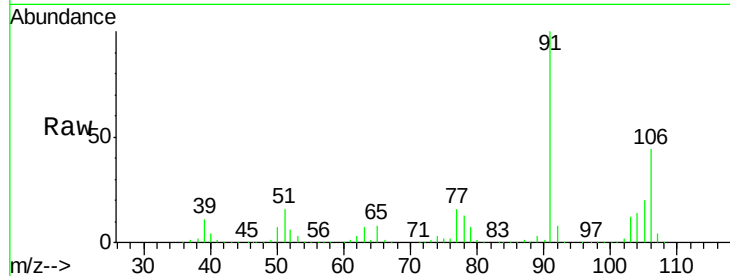
VSTDCCC050

Tot Ion:106 Resp: 243536

Ion Ratio Lower Upper

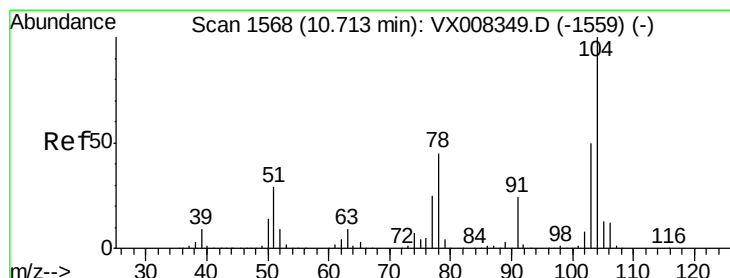
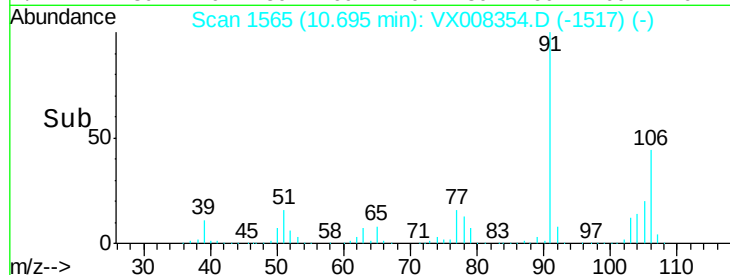
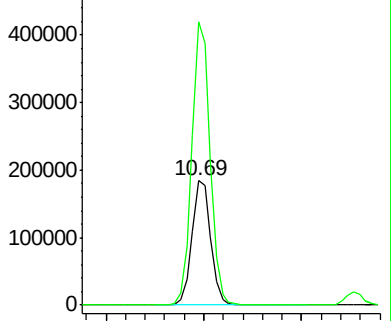
106 100

91 222.2 106.3 318.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 51.005 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

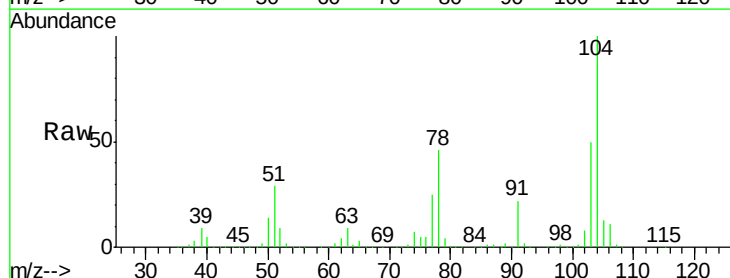
Tgt Ion:104 Resp: 429165

Ion Ratio Lower Upper

104 100

78 53.1 38.5 57.7

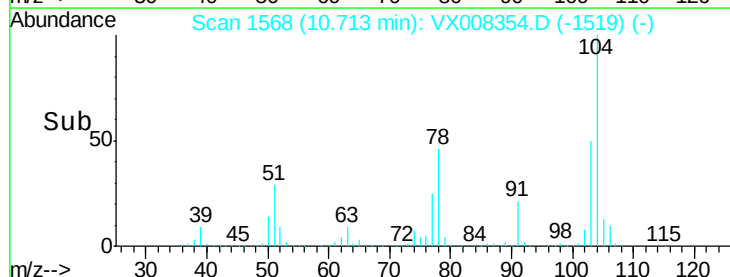
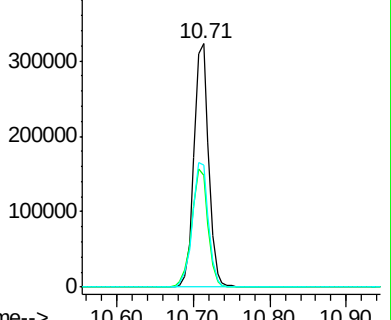
103 55.7 44.1 66.1

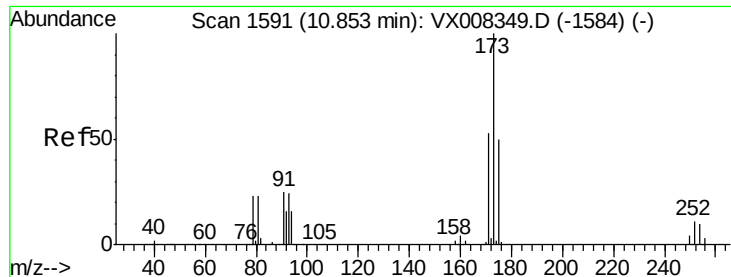


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 51.575 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

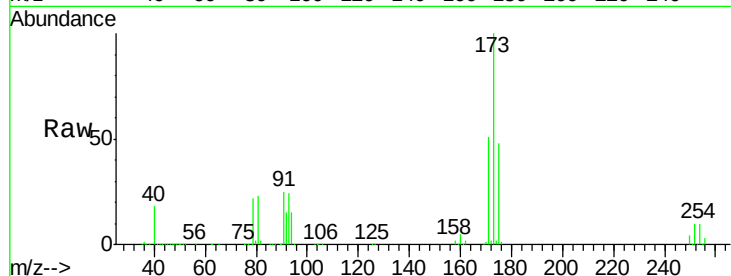
Tot Ion:173 Resp: 101613

Ion Ratio Lower Upper

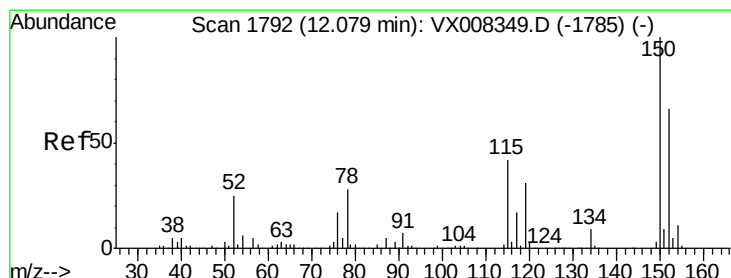
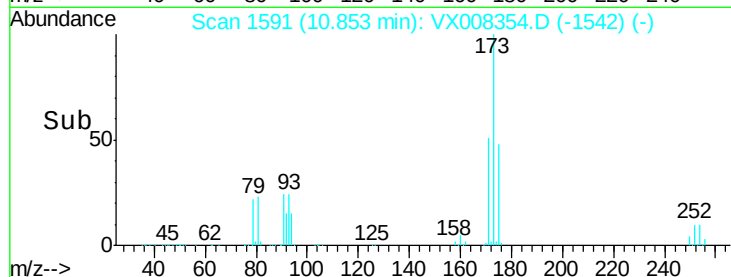
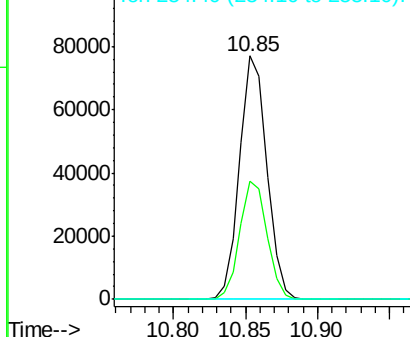
173 100

175 48.7 24.3 72.9

254 0.2 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: VX008354.D

Acq: 23 Mar 2019 16:22

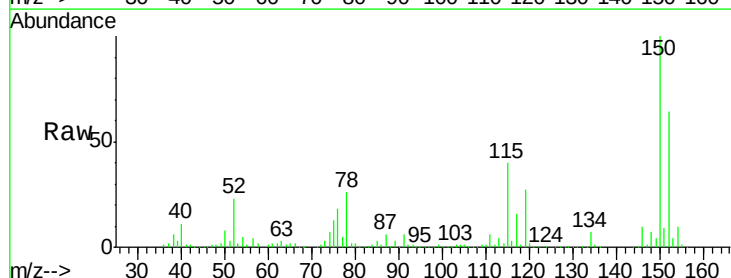
Tgt Ion:152 Resp: 166143

Ion Ratio Lower Upper

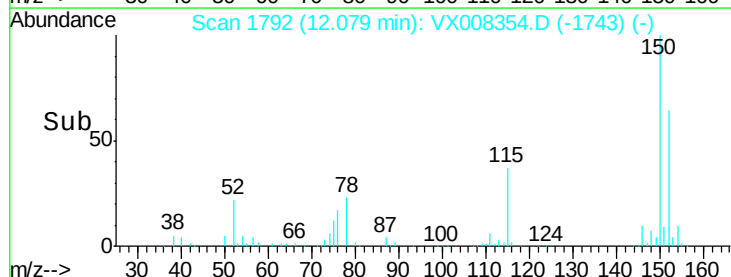
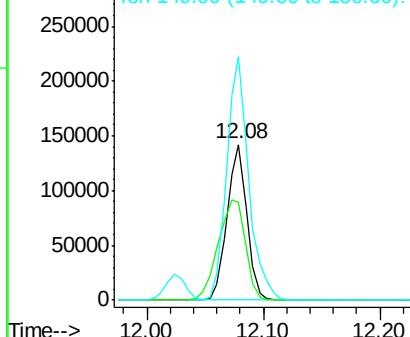
152 100

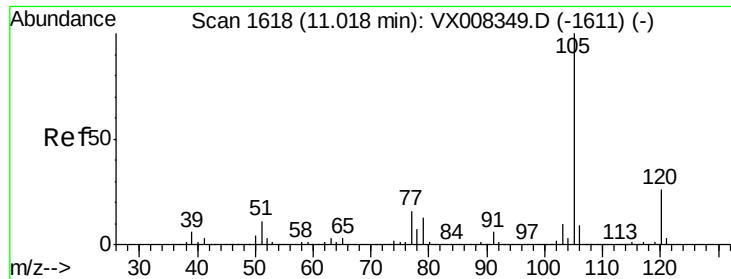
115 88.1 38.6 115.7

150 174.6 0.0 348.4



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

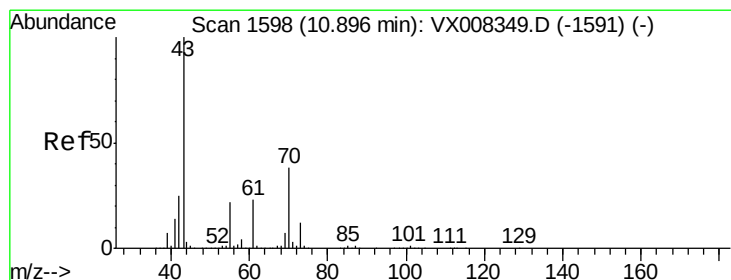
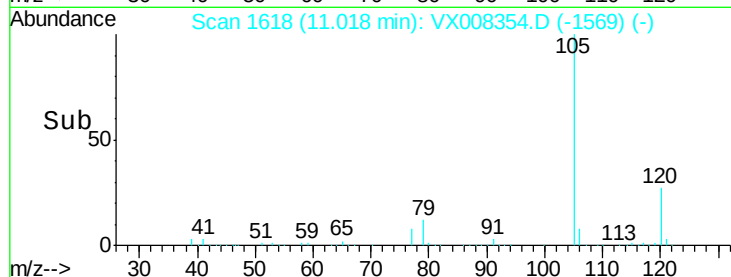
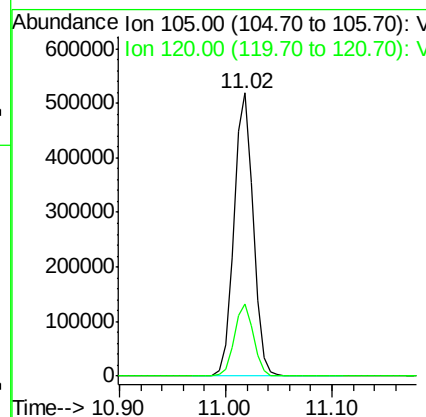
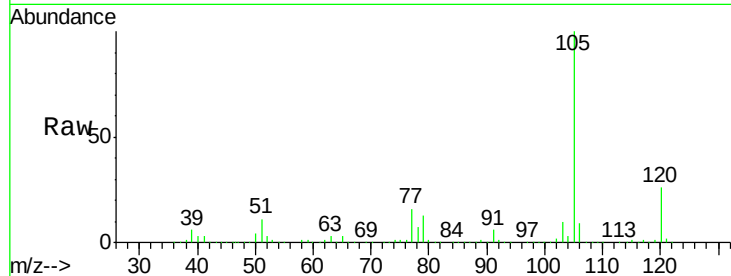




#73
Isopropylbenzene
Concen: 50.035 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008354.D
Acq: 23 Mar 2019 16:22

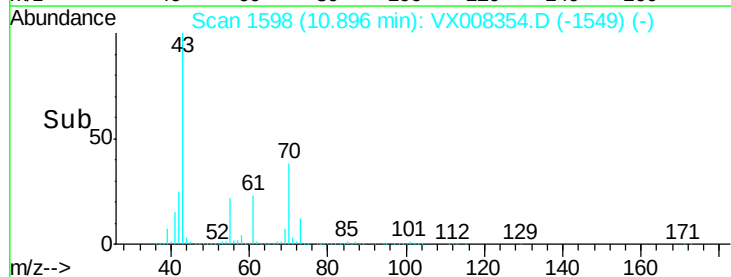
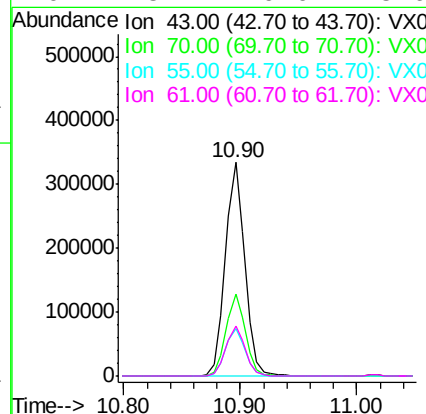
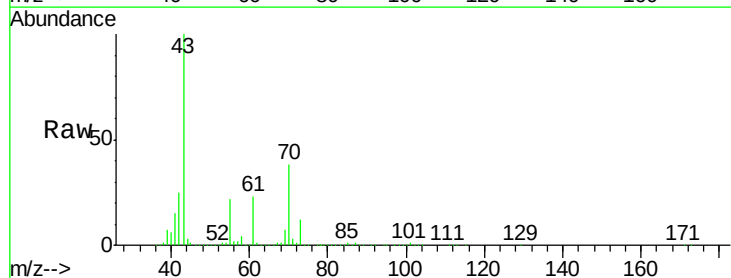
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

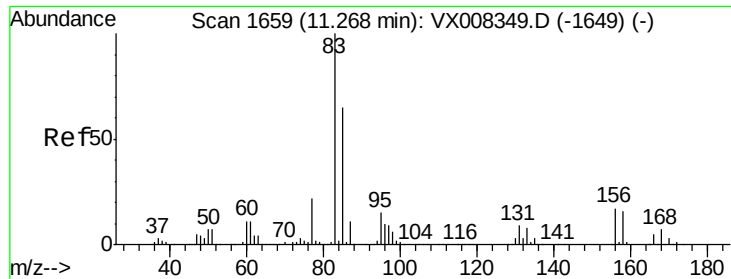
Tot Ion:105 Resp: 656045
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1



#74
N-ethyl acetate
Concen: 49.789 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008354.D
Acq: 23 Mar 2019 16:22

Tgt Ion: 43 Resp: 382210
Ion Ratio Lower Upper
43 100
70 38.2 33.5 50.3
55 22.5 19.2 28.8
61 23.4 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 46.476 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

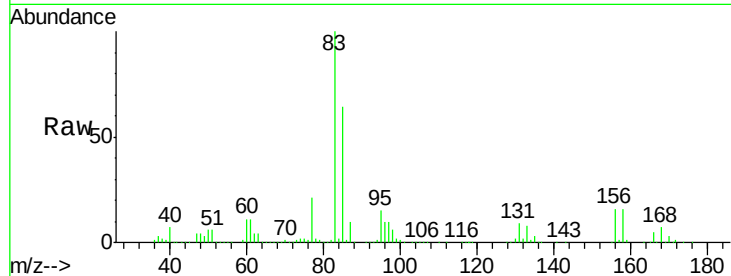
Tot Ion: 83 Resp: 242730

Ion Ratio Lower Upper

83 100

131 8.8 5.4 16.2

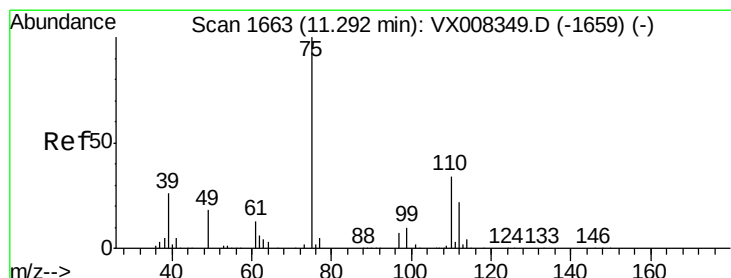
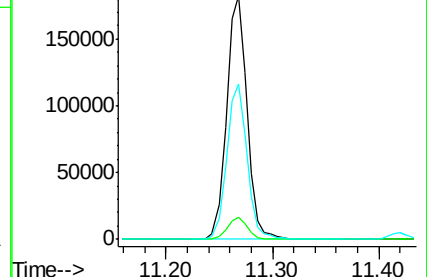
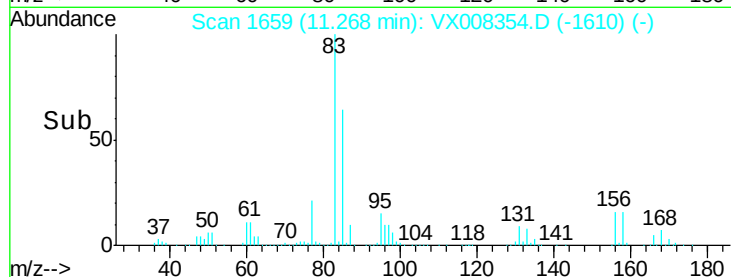
85 63.7 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.872 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX008354.D

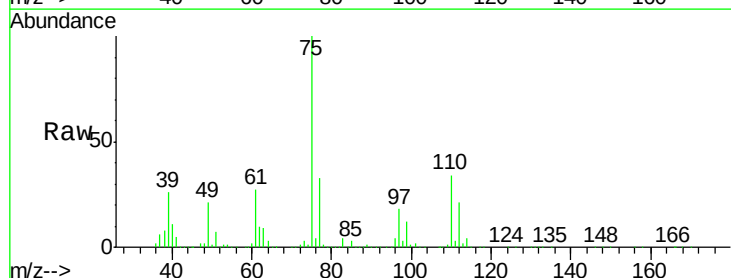
Acq: 23 Mar 2019 16:22

Tgt Ion: 75 Resp: 282114

Ion Ratio Lower Upper

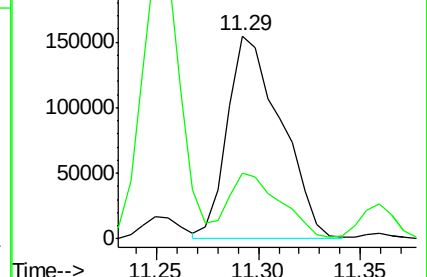
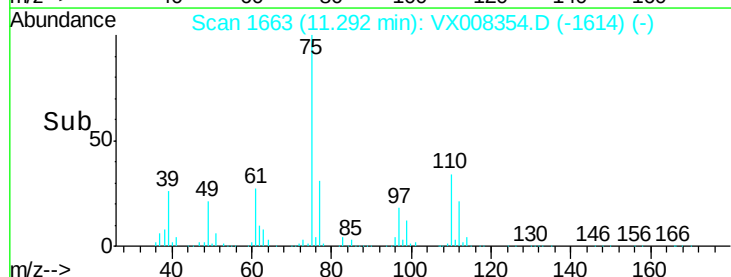
75 100

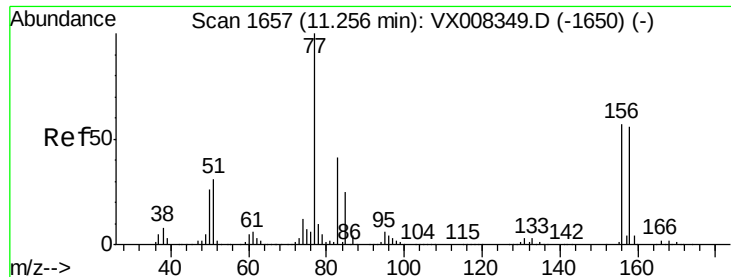
77 32.0 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.191 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

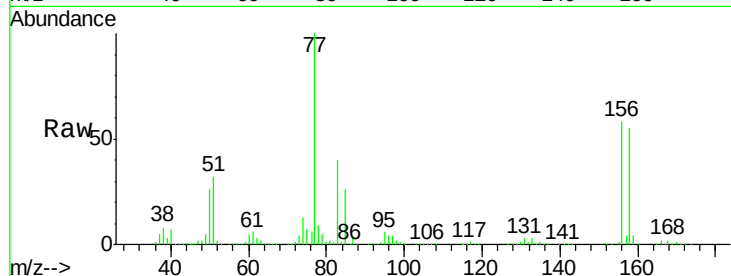
Tot Ion:156 Resp: 152611

Ion Ratio Lower Upper

156 100

77 183.3 72.0 215.9

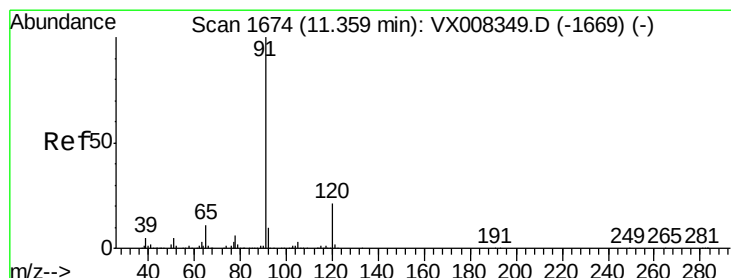
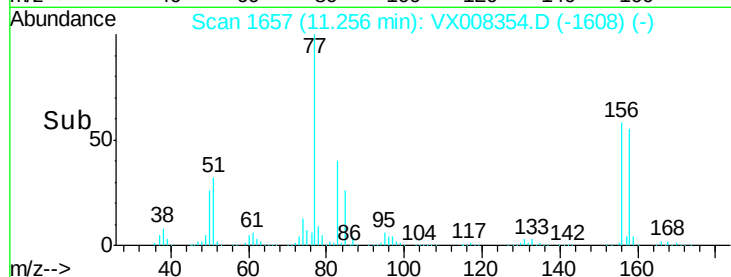
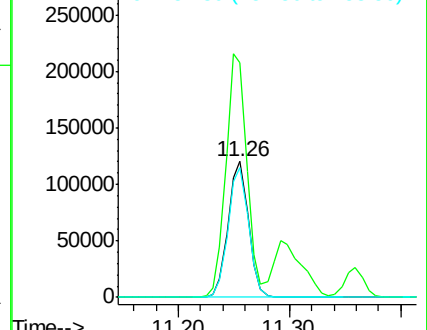
158 96.0 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.369 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008354.D

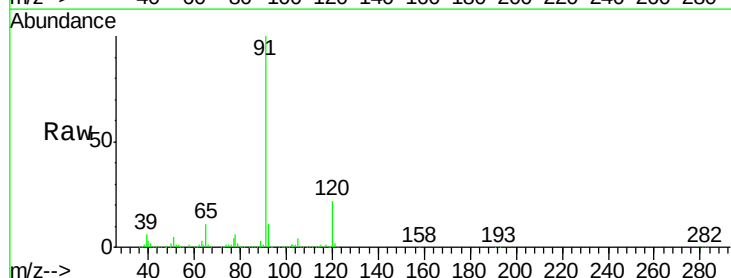
Acq: 23 Mar 2019 16:22

Tgt Ion: 91 Resp: 789410

Ion Ratio Lower Upper

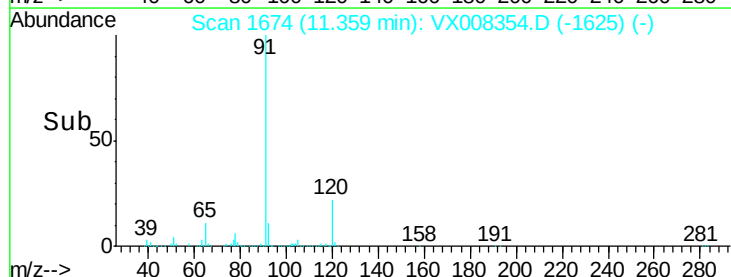
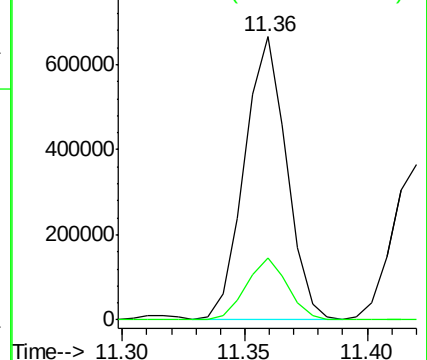
91 100

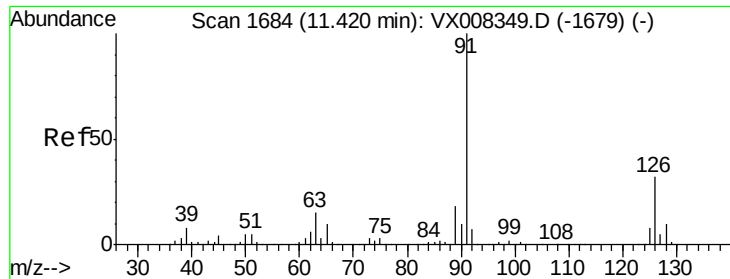
120 21.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.769 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

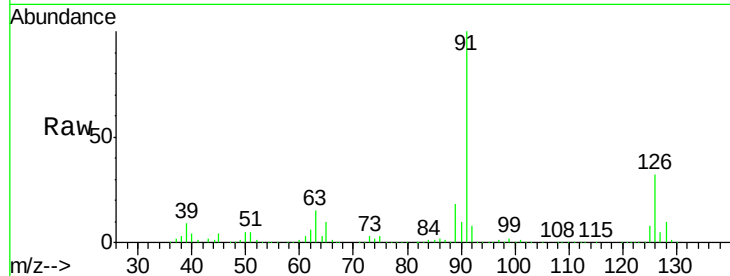
VSTDCCC050

Tot Ion: 91 Resp: 456530

Ion Ratio Lower Upper

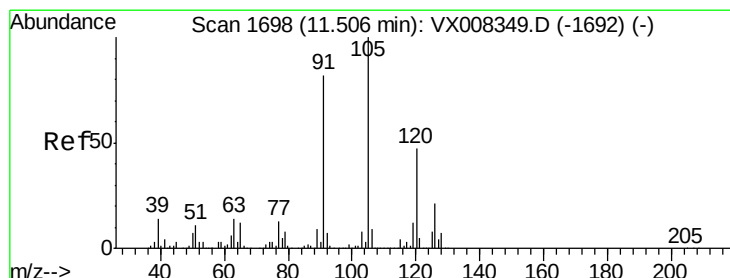
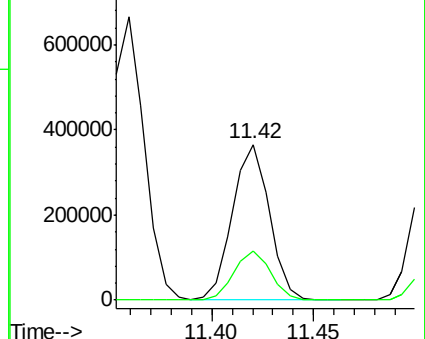
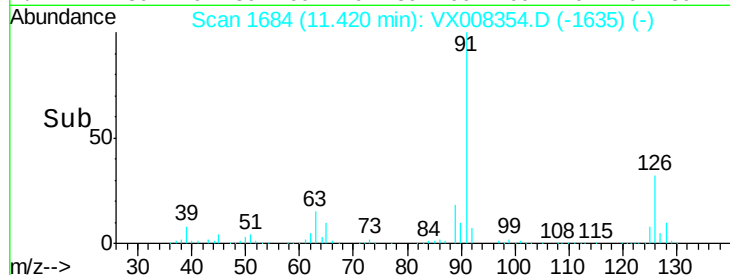
91 100

126 31.8 17.5 52.6



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: 50.298 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008354.D

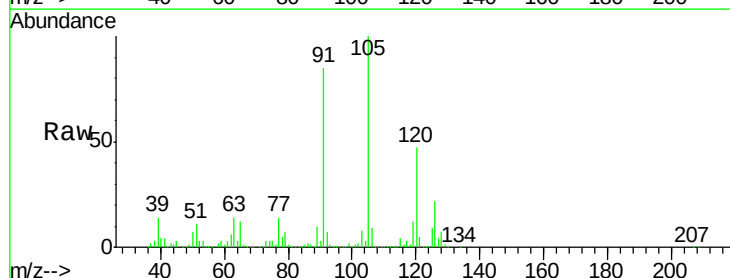
Acq: 23 Mar 2019 16:22

Tgt Ion:105 Resp: 561013

Ion Ratio Lower Upper

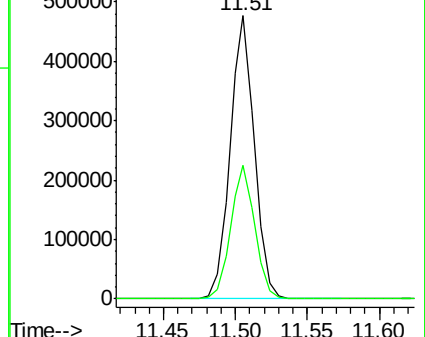
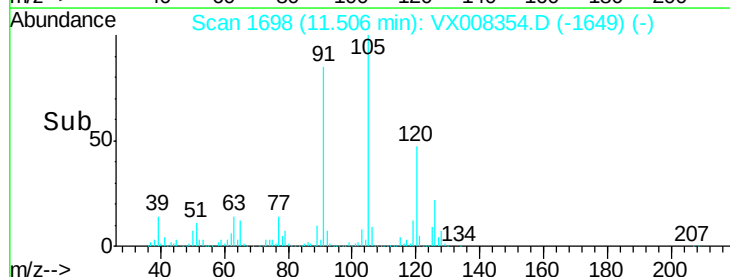
105 100

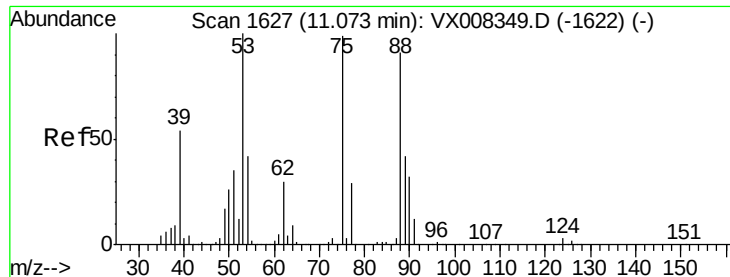
120 46.9 24.9 74.6



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: 52.957 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

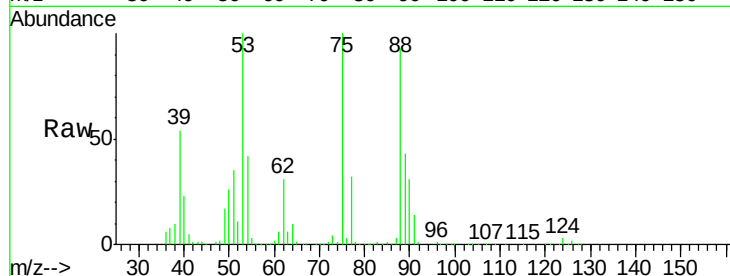
Tot Ion: 75 Resp: 80813

Ion Ratio Lower Upper

75 100

53 104.2 76.1 114.1

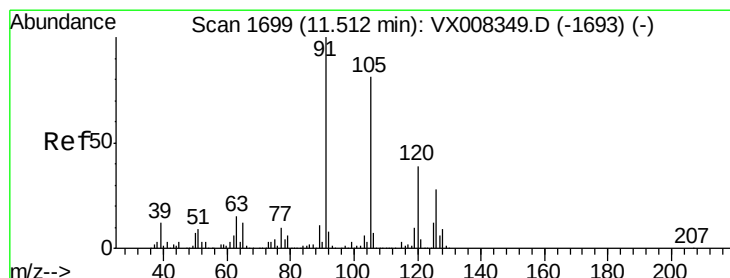
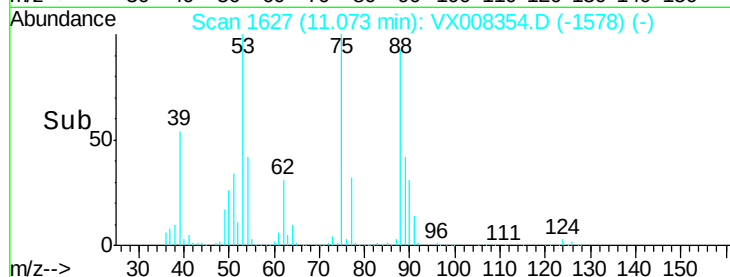
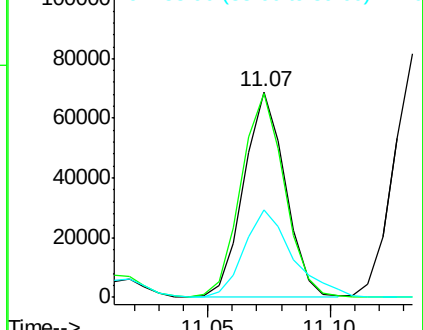
89 50.4 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.804 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008354.D

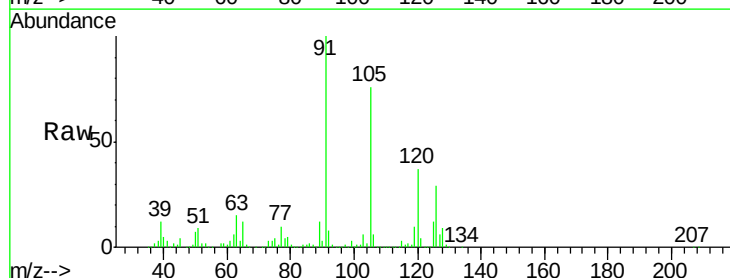
Acq: 23 Mar 2019 16:22

Tgt Ion: 91 Resp: 537201

Ion Ratio Lower Upper

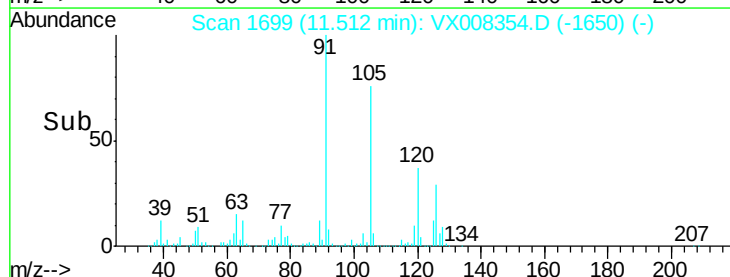
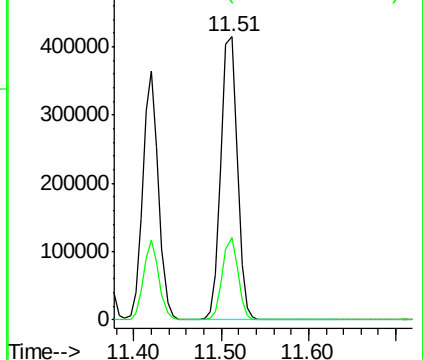
91 100

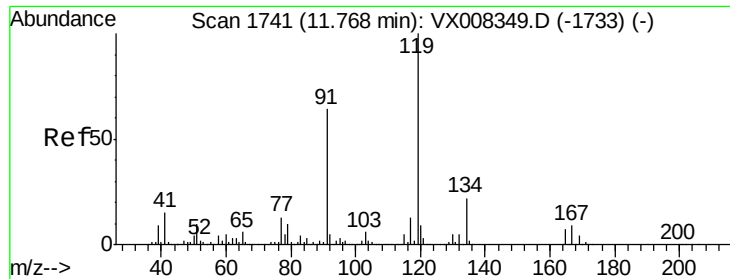
126 27.7 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

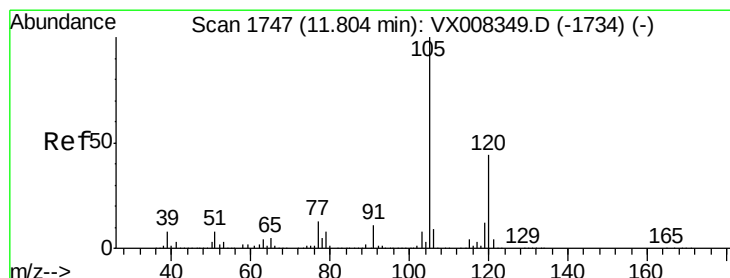
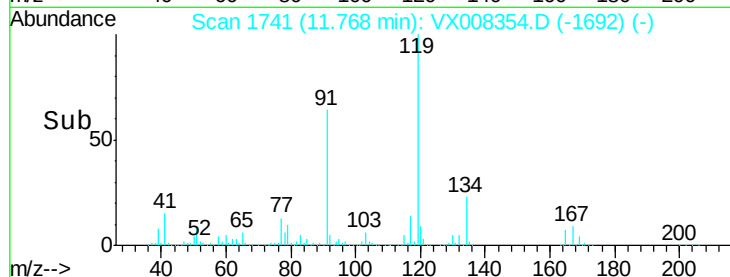
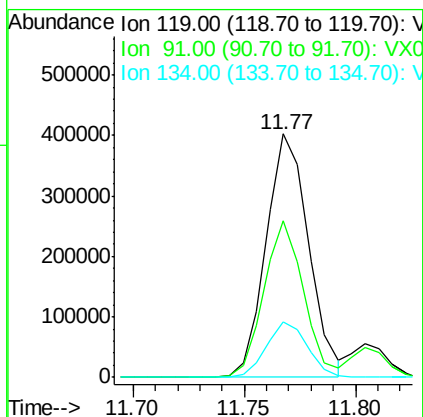
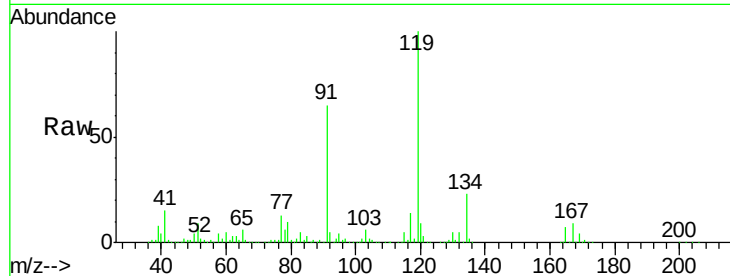




#83
 tert-Butylbenzene
 Concen: 50.169 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008354.D
 Acq: 23 Mar 2019 16:22

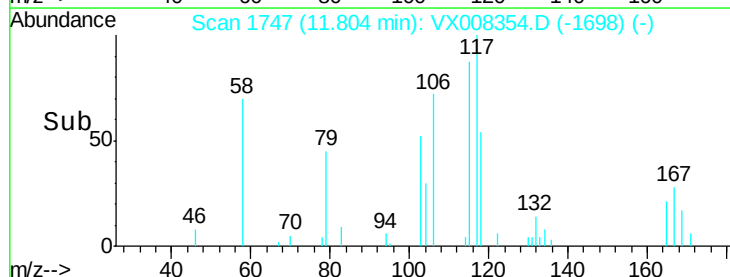
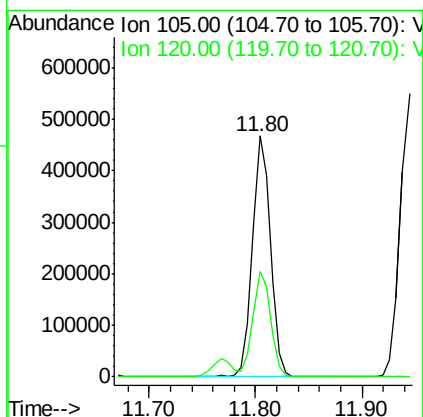
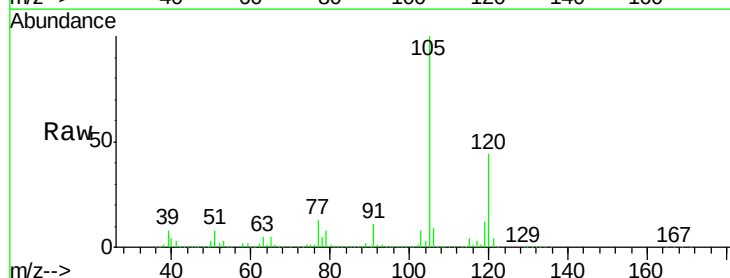
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

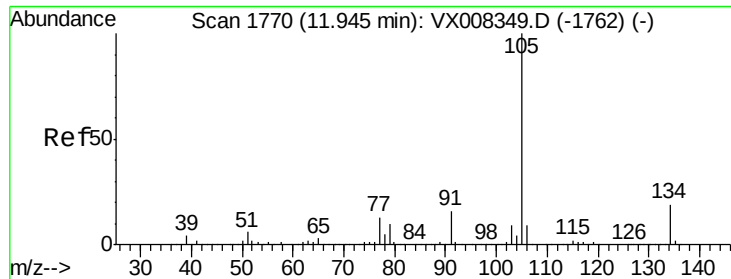
Tot Ion:119 Resp: 532867
 Ion Ratio Lower Upper
 119 100
 91 60.1 27.1 81.3
 134 22.1 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.418 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008354.D
 Acq: 23 Mar 2019 16:22

Tgt Ion:105 Resp: 561191
 Ion Ratio Lower Upper
 105 100
 120 43.0 22.6 67.7





#85

sec-Butylbenzene

Concen: 51.051 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

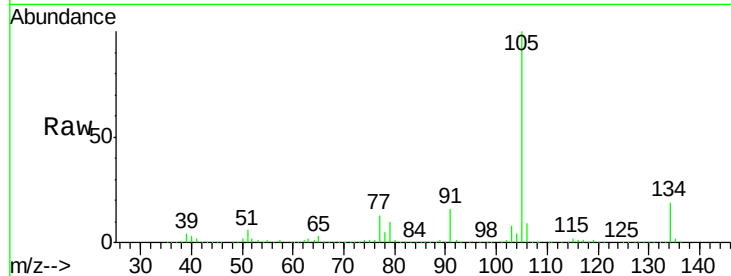
VSTDCCC050

Tot Ion:105 Resp: 649861

Ion Ratio Lower Upper

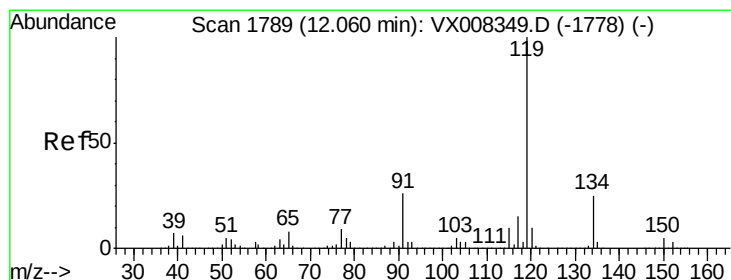
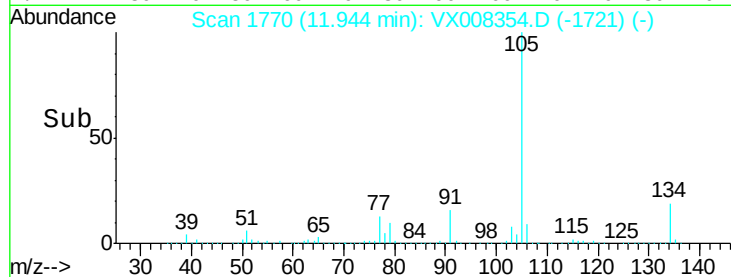
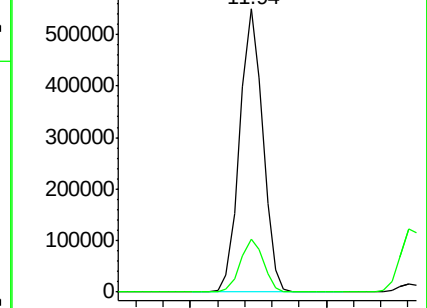
105 100

134 18.8 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.529 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

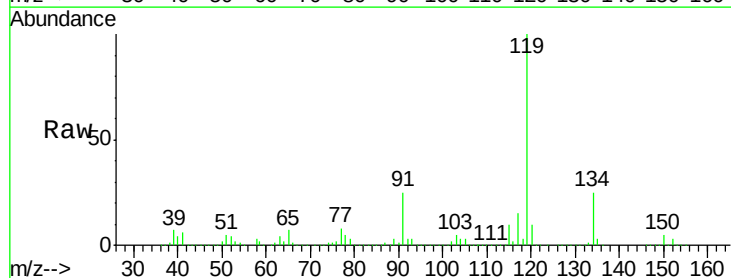
Tgt Ion:119 Resp: 589387

Ion Ratio Lower Upper

119 100

134 25.4 13.3 39.9

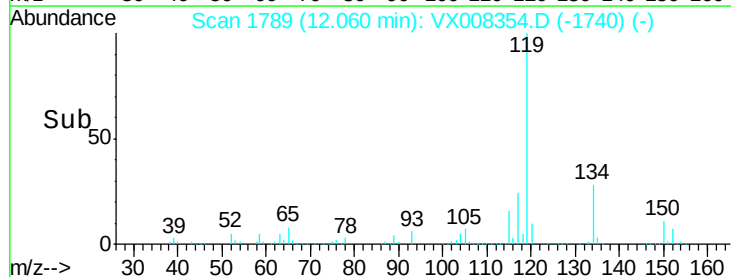
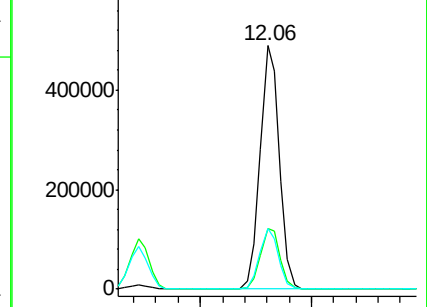
91 24.5 10.9 32.7

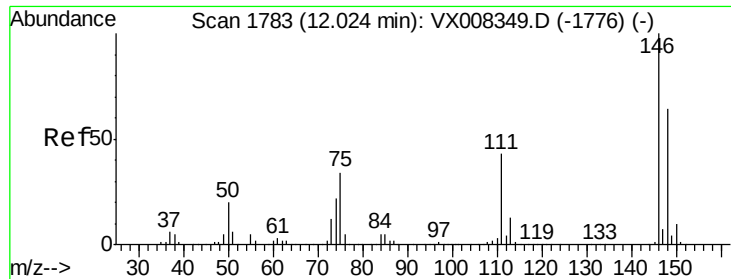


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

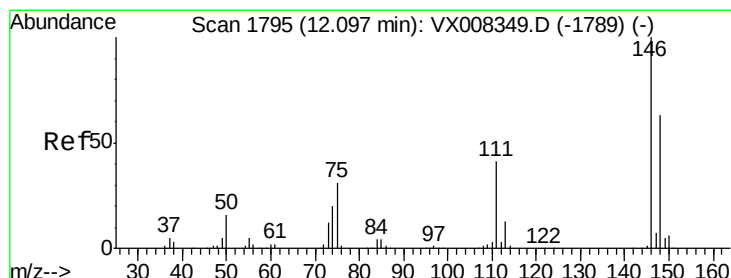
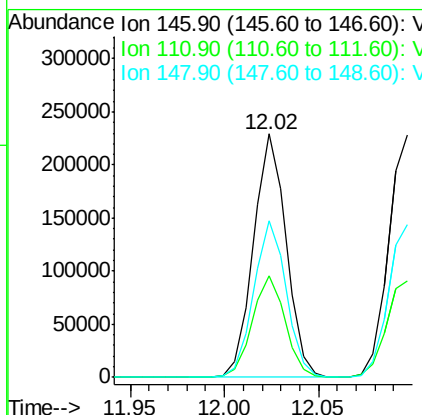
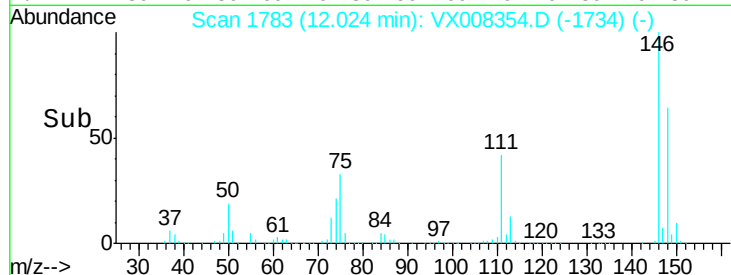
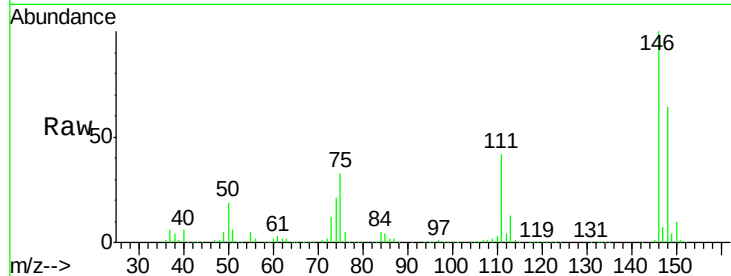




#87
 1,3-Dichlorobenzene
 Concen: 49.527 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008354.D
 Acq: 23 Mar 2019 16:22

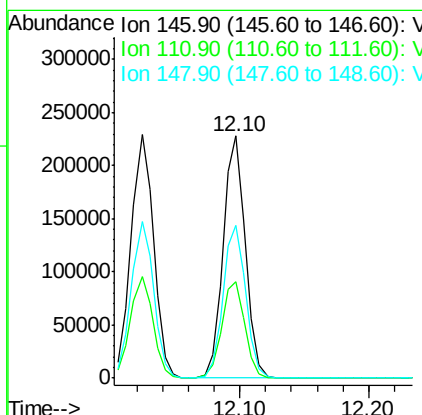
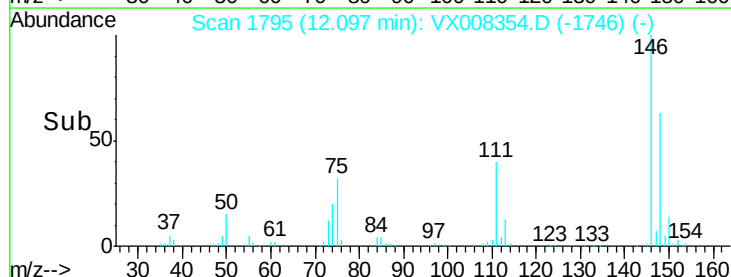
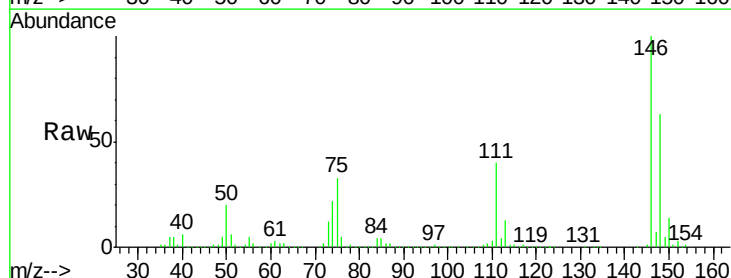
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

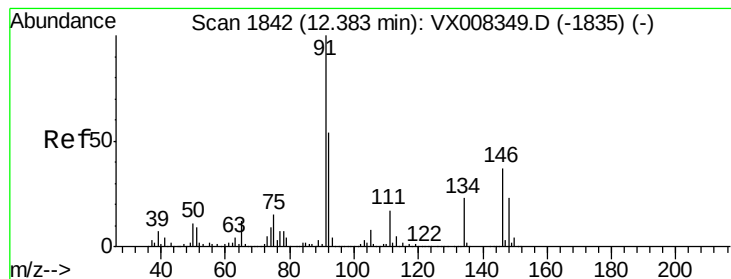
Tot Ion:146 Resp: 275965
 Ion Ratio Lower Upper
 146 100
 111 41.8 18.9 56.7
 148 63.9 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 48.762 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008354.D
 Acq: 23 Mar 2019 16:22

Tgt Ion:146 Resp: 276456
 Ion Ratio Lower Upper
 146 100
 111 41.5 18.4 55.0
 148 64.4 32.2 96.6





#89

n-Butylbenzene

Concen: 53.298 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

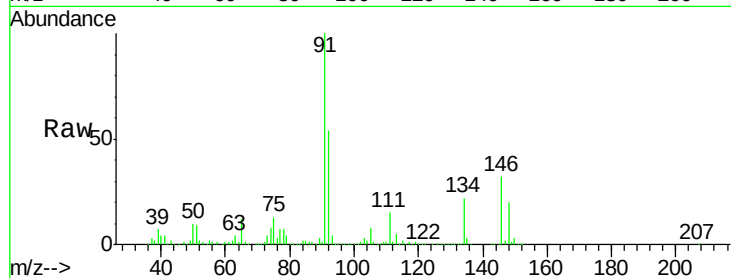
Tot Ion: 91 Resp: 570902

Ion Ratio Lower Upper

91 100

92 53.4 27.0 80.8

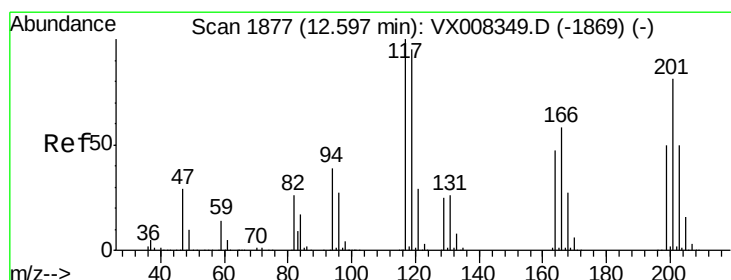
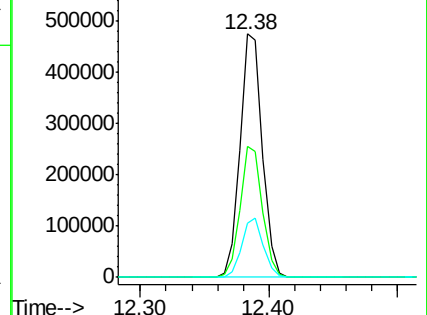
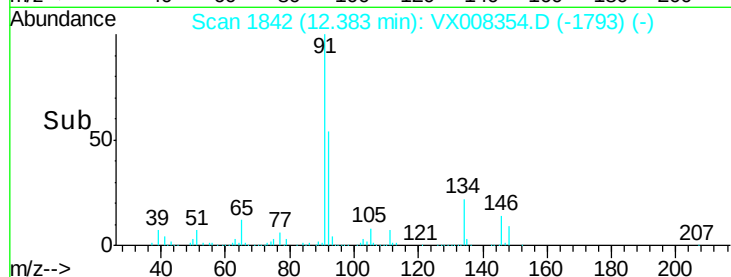
134 23.6 13.7 41.0



Abundance Ion 91.00 (90.70 to 91.70): VX008354.D (-1793) (-)

Ion 92.00 (91.70 to 92.70): VX008354.D (-1793) (-)

Ion 134.00 (133.70 to 134.70): VX008354.D (-1793) (-)



#90

Hexachloroethane

Concen: 52.590 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008354.D

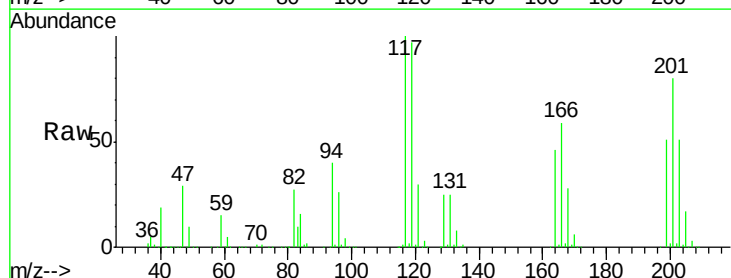
Acq: 23 Mar 2019 16:22

Tgt Ion: 117 Resp: 97470

Ion Ratio Lower Upper

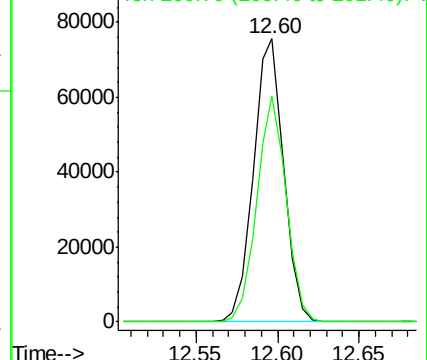
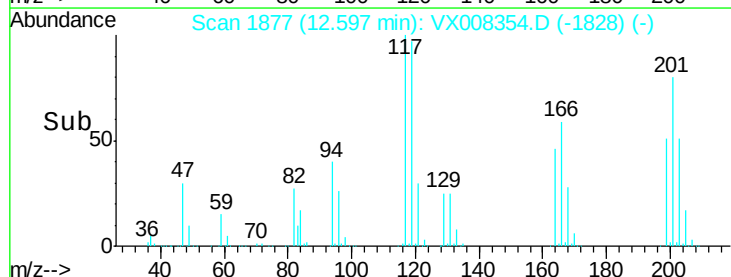
117 100

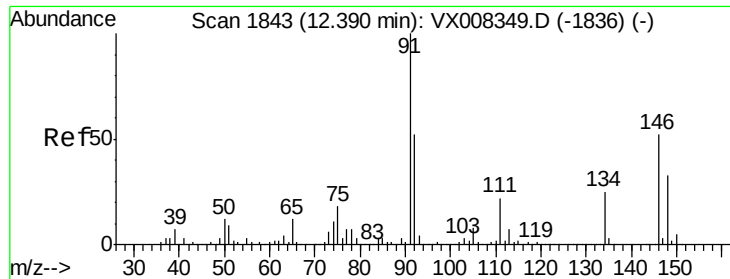
201 77.4 48.9 146.7



Abundance Ion 116.80 (116.50 to 117.50): VX008354.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX008354.D (-1828) (-)

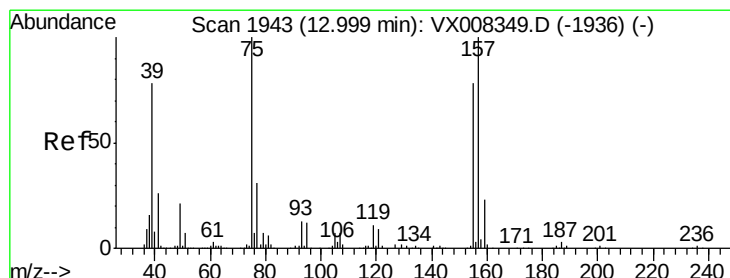
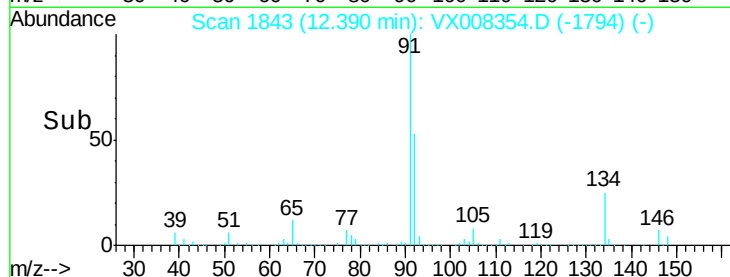
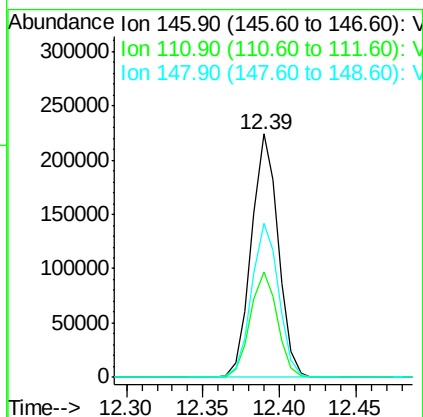
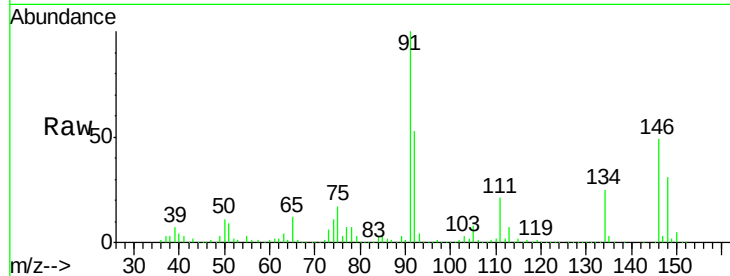




#91
 1,2-Dichlorobenzene
 Concen: 48.574 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008354.D
 Acq: 23 Mar 2019 16:22

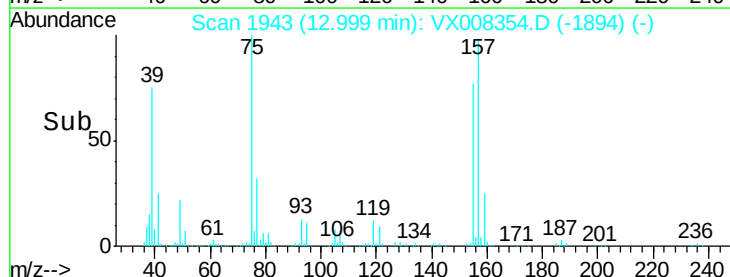
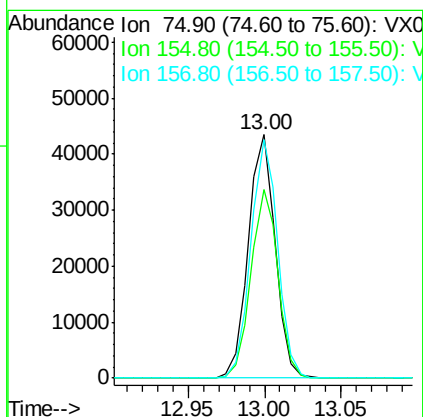
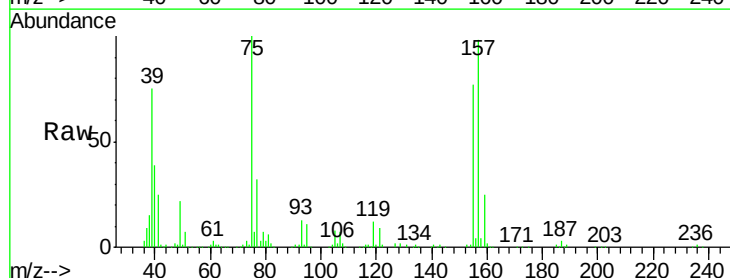
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

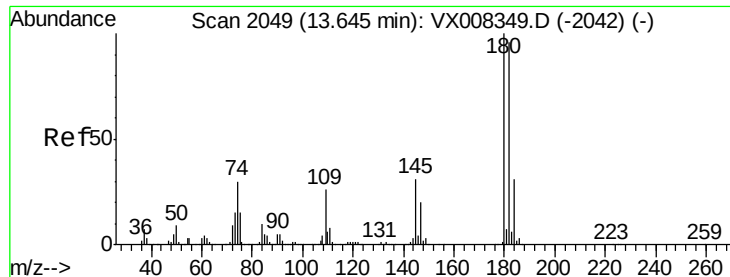
Tot Ion:146 Resp: 274114
 Ion Ratio Lower Upper
 146 100
 111 43.7 19.6 58.8
 148 63.9 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.458 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008354.D
 Acq: 23 Mar 2019 16:22

Tgt Ion: 75 Resp: 52826
 Ion Ratio Lower Upper
 75 100
 155 78.1 49.7 149.1
 157 98.5 63.8 191.4

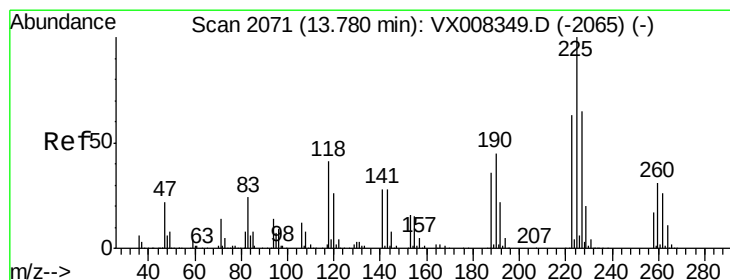
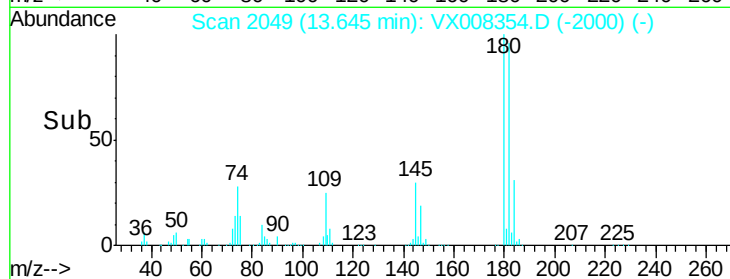
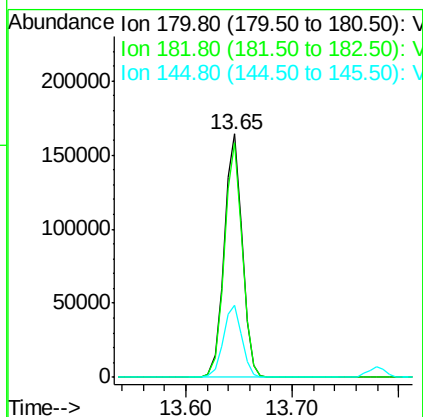
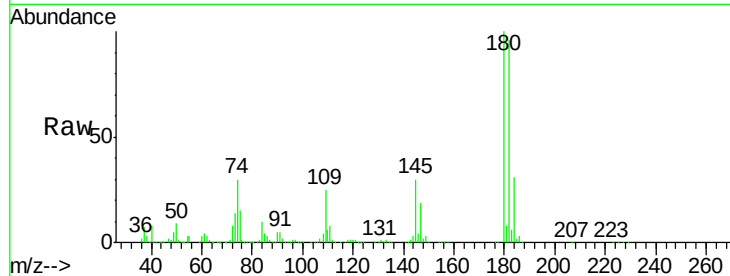




#93
1,2,4-Trichlorobenzene
Concen: 50.997 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX008354.D
Acq: 23 Mar 2019 16:22

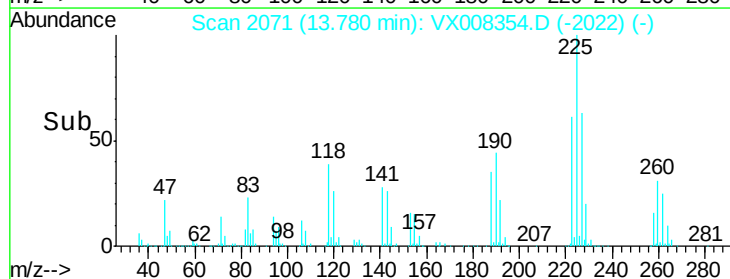
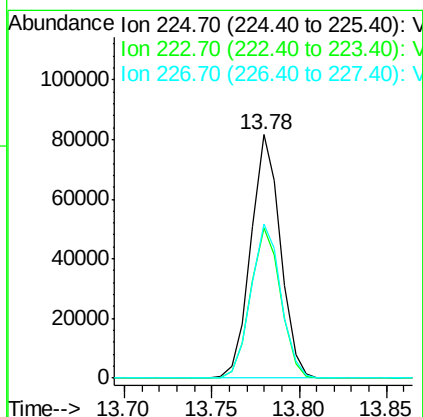
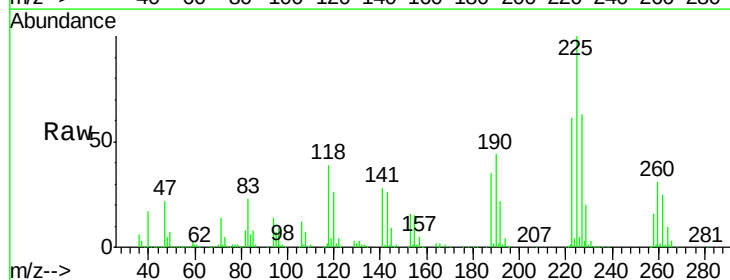
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

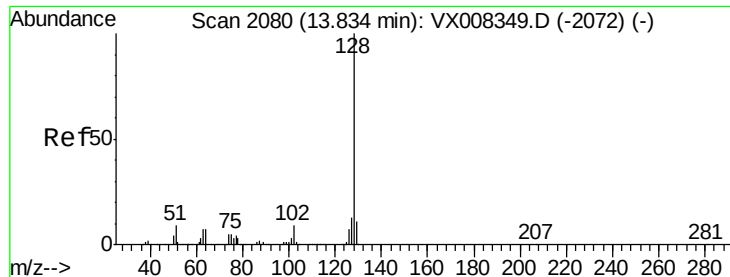
Tot Ion:180 Resp: 194067
Ion Ratio Lower Upper
180 100
182 95.5 47.9 143.7
145 30.6 14.1 42.4



#94
Hexachlorobutadiene
Concen: 53.170 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX008354.D
Acq: 23 Mar 2019 16:22

Tgt Ion:225 Resp: 95623
Ion Ratio Lower Upper
225 100
223 62.8 31.1 93.2
227 64.4 32.0 96.0





#95

Naphthalene

Concen: 48.680 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

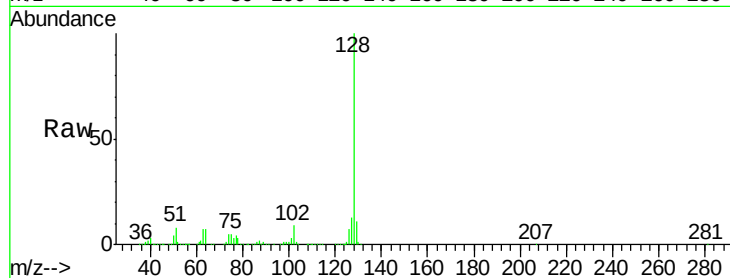
Tot Ion:128 Resp: 650534

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

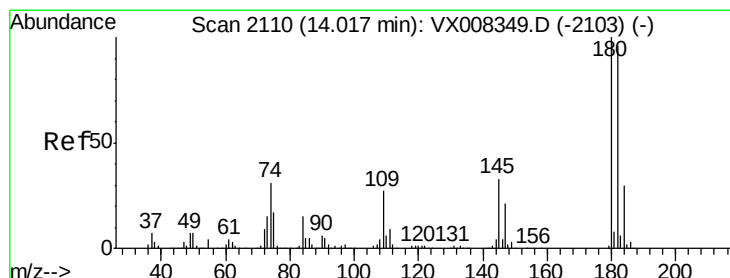
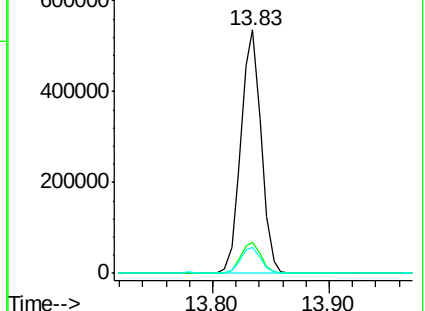
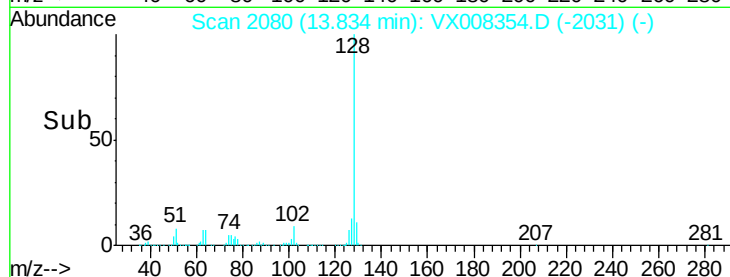
129 10.9 8.7 13.1



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: 49.946 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008354.D

Acq: 23 Mar 2019 16:22

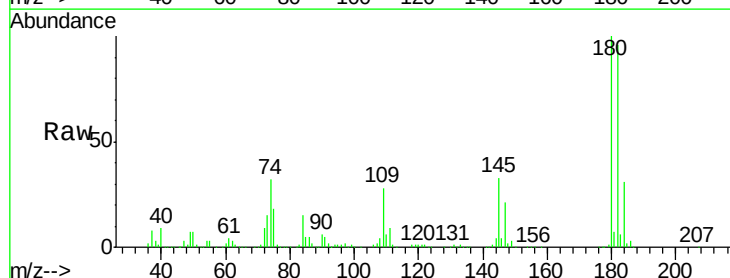
Tgt Ion:180 Resp: 191792

Ion Ratio Lower Upper

180 100

182 95.1 47.5 142.5

145 32.5 14.8 44.3



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

