

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX043019\
 Data File : VX009233.D
 Acq On : 30 Apr 2019 09:53
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 01 01:18:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	196680	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	314172	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	279444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	140303	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	133254	49.63	ug/l	0.00
Spiked Amount						
			Recovery	=	99.26%	
35) Dibromofluoromethane	5.49	113	100154	50.71	ug/l	0.00
Spiked Amount						
			Recovery	=	101.42%	
50) Toluene-d8	8.71	98	407375	51.09	ug/l	0.00
Spiked Amount						
			Recovery	=	102.18%	
62) 4-Bromofluorobenzene	11.13	95	148209	51.15	ug/l	0.00
Spiked Amount						
			Recovery	=	102.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	100402	55.396	ug/l	99
3) Chloromethane	1.32	50	129503	52.336	ug/l	100
4) Vinyl Chloride	1.41	62	128102	53.091	ug/l	98
5) Bromomethane	1.64	94	73317	50.625	ug/l	97
6) Chloroethane	1.71	64	77804	50.223	ug/l	100
7) Trichlorofluoromethane	1.92	101	158606	54.076	ug/l	99
8) Diethyl Ether	2.18	74	71845	51.713	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	101411	55.060	ug/l	99
10) Methyl Iodide	2.51	142	104881	49.101	ug/l	100
11) Tert butyl alcohol	3.05	59	149958	241.287	ug/l	99
12) 1,1-Dichloroethene	2.37	96	99217	53.764	ug/l	99
13) Acrolein	2.29	56	118597	210.710	ug/l	99
14) Allyl chloride	2.72	41	233025	51.814	ug/l	100
15) Acrylonitrile	3.14	53	374639	246.539	ug/l	99
16) Acetone	2.44	43	378086	262.251	ug/l	99
17) Carbon Disulfide	2.57	76	274640	53.007	ug/l	100
18) Methyl Acetate	2.77	43	167301	48.795	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	373792	52.160	ug/l	100
20) Methylene Chloride	2.85	84	115928	49.663	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	105205	52.567	ug/l	99
22) Diisopropyl ether	3.85	45	457459	52.892	ug/l	94
23) Vinyl Acetate	3.81	43	1992086	268.978	ug/l	100
24) 1,1-Dichloroethane	3.69	63	220515	51.684	ug/l	99
25) 2-Butanone	4.67	43	589271	263.026	ug/l	98
26) 2,2-Dichloropropane	4.58	77	170752	53.767	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	124703	52.202	ug/l	99
28) Bromochloromethane	5.01	49	84699	49.275	ug/l	99
29) Tetrahydrofuran	5.12	42	367978	255.247	ug/l	99
30) Chloroform	5.21	83	202617	52.507	ug/l	100
31) Cyclohexane	5.57	56	217511	54.796	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	168744	52.530	ug/l	100
36) 1,1-Dichloropropene	5.79	75	156893	53.737	ug/l	100
37) Ethyl Acetate	4.82	43	210400	51.722	ug/l	99
38) Carbon Tetrachloride	5.78	117	142360	53.666	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	201898	56.308	ug/l	97
40) Benzene	6.13	78	474868	52.554	ug/l	99
41) Methacrylonitrile	5.04	41	118291	48.850	ug/l	98
42) 1,2-Dichloroethane	6.18	62	168522	51.992	ug/l	99
43) Isopropyl Acetate	6.44	43	341390	52.466	ug/l	100
44) Trichloroethene	7.21	130	115443	52.848	ug/l	100
45) 1,2-Dichloropropane	7.51	63	135732	53.050	ug/l	99
46) Dibromomethane	7.66	93	76655	51.593	ug/l	99
47) Bromodichloromethane	7.89	83	156660	52.859	ug/l	99
48) Methyl methacrylate	7.77	41	170979	52.964	ug/l	99
49) 1,4-Dioxane	7.74	88	63819	974.816	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1105237	259.871	ug/l	100
52) Toluene	8.78	92	289466	52.701	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	184766	55.218	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	203974	55.074	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	117079	52.248	ug/l	97
56) Ethyl methacrylate	9.18	69	216135	54.034	ug/l	100
57) 1,3-Dichloropropane	9.37	76	207342	52.581	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	554742	261.425	ug/l	100
59) 2-Hexanone	9.49	43	890398	266.564	ug/l	99
60) Dibromochloromethane	9.58	129	117810	53.829	ug/l	99
61) 1,2-Dibromoethane	9.67	107	118824	52.531	ug/l	100
64) Tetrachloroethene	9.34	164	105709	55.147	ug/l	99
65) Chlorobenzene	10.13	112	300512	53.758	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	109867	54.211	ug/l	100
67) Ethyl Benzene	10.25	91	565997	55.015	ug/l	100
68) m/p-Xylenes	10.36	106	414040	110.130	ug/l	98
69) o-Xylene	10.69	106	200949	54.173	ug/l	100
70) Styrene	10.71	104	355374	55.121	ug/l	99
71) Bromoform	10.85	173	89234	54.181	ug/l #	99
73) Isopropylbenzene	11.02	105	543967	53.316	ug/l	100
74) N-amyl acetate	10.90	43	317299	53.343	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	189537	49.834	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	231640	71.175	ug/l	81
77) Bromobenzene	11.25	156	132492	52.320	ug/l	99
78) n-propylbenzene	11.36	91	640732	54.989	ug/l	100
79) 2-Chlorotoluene	11.42	91	373194	51.914	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	464441	54.063	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	68496	53.850	ug/l	98
82) 4-Chlorotoluene	11.51	91	435884	53.673	ug/l	99
83) tert-Butylbenzene	11.77	119	441220	52.797	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	468826	54.370	ug/l	99
85) sec-Butylbenzene	11.94	105	539554	54.457	ug/l	100
86) p-Isopropyltoluene	12.06	119	494588	55.528	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	243530	53.945	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	241615	53.087	ug/l	99
89) n-Butylbenzene	12.38	91	459832	57.118	ug/l	99
90) Hexachloroethane	12.60	117	83651	55.125	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	238650	51.902	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43293	50.741	ug/l	97

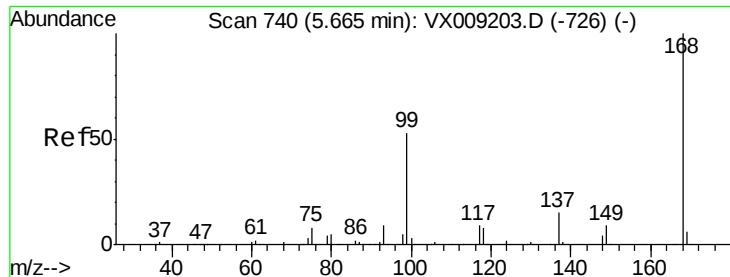
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX043019\
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QLast Update : Tue Apr 30 07:03:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	173821	55.281	ug/l	99
94) Hexachlorobutadiene	13.78	225	87401	54.432	ug/l	99
95) Naphthalene	13.83	128	537990	52.590	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	171141	53.695	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

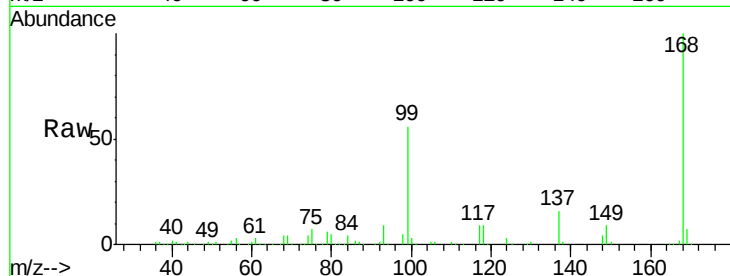
VSTDCCC050

Tot Ion:168 Resp: 196680

Ion Ratio Lower Upper

168 100

99 55.7 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

40000

20000

0

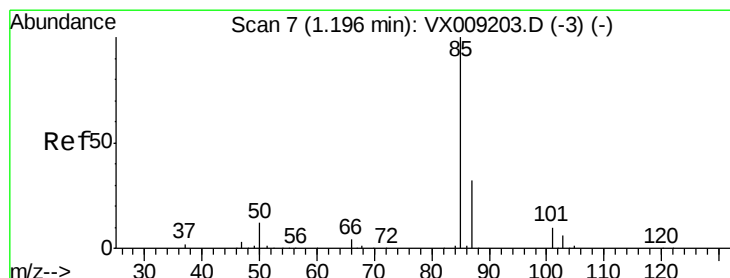
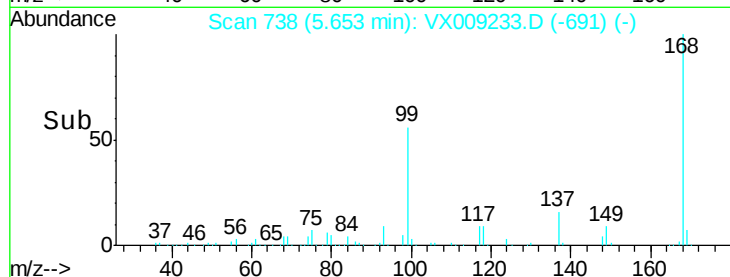
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 55.396 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009233.D

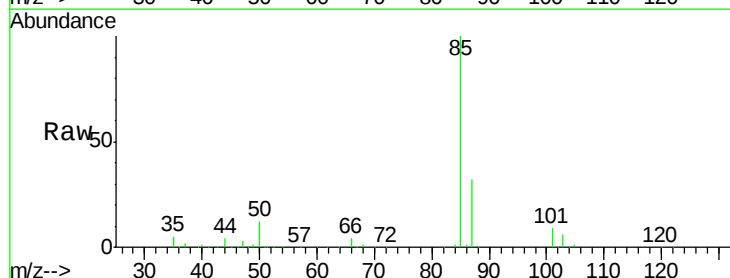
Acq: 30 Apr 2019 09:53

Tgt Ion: 85 Resp: 100402

Ion Ratio Lower Upper

85 100

87 31.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

40000

20000

0

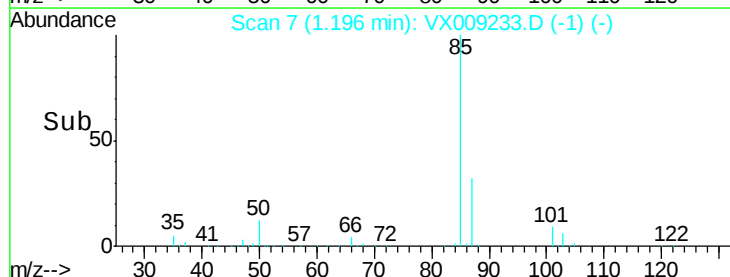
Time-->

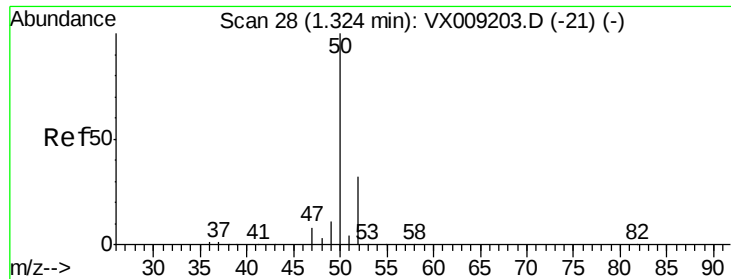
1.15

1.20

1.25

1.30

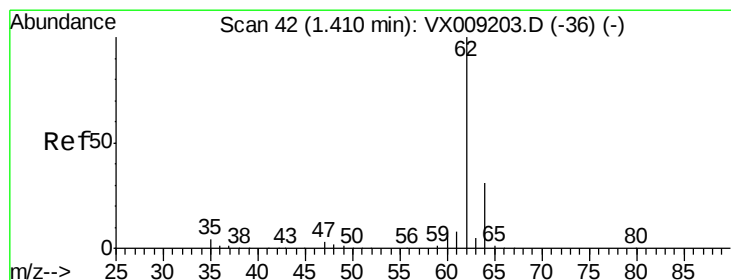
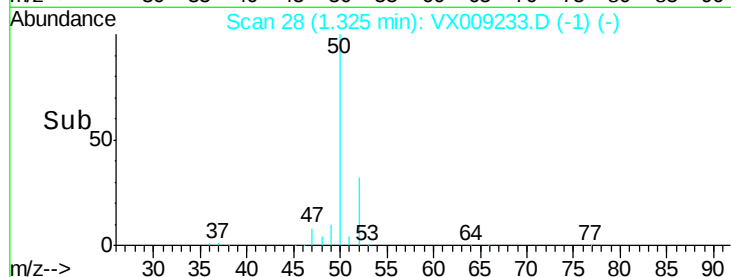
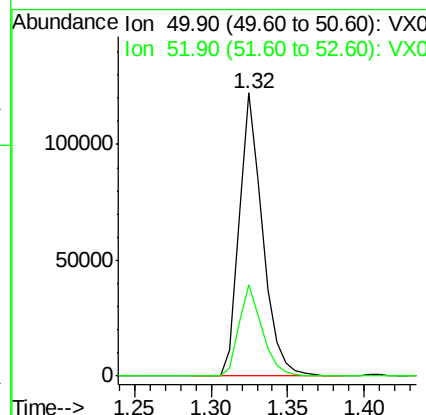
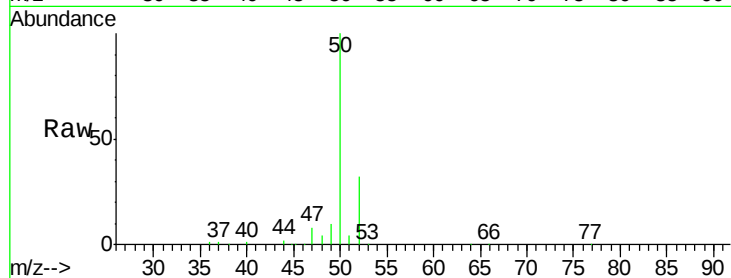




#3
Chloromethane
Concen: 52.336 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX009233.D
Acq: 30 Apr 2019 09:53

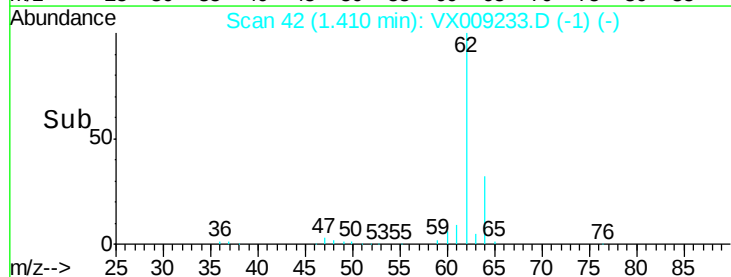
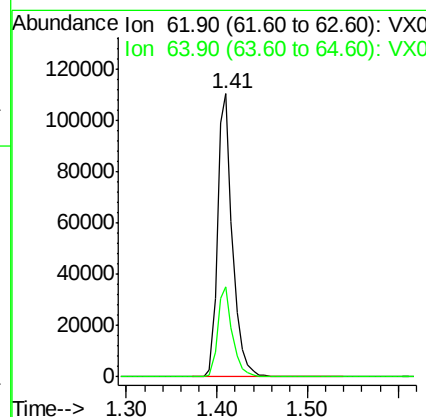
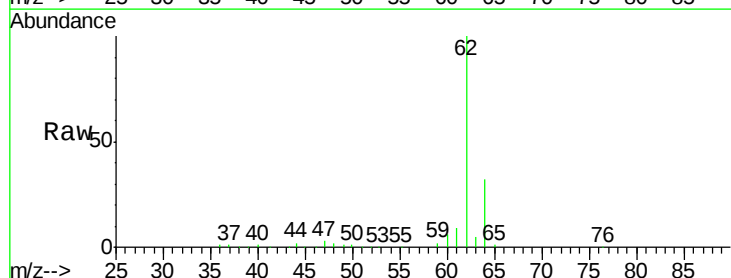
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

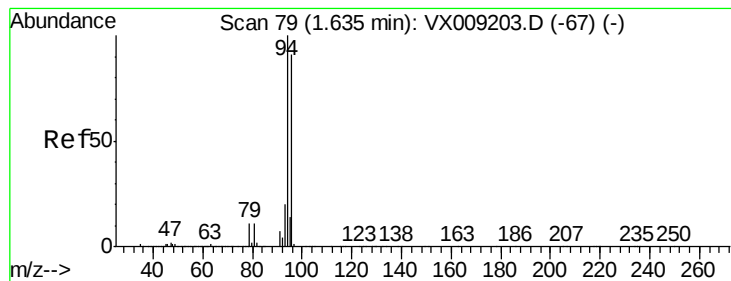
Tot Ion: 50 Resp: 129503
Ion Ratio Lower Upper
50 100
52 32.4 25.9 38.9



#4
Vinyl Chloride
Concen: 53.091 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX009233.D
Acq: 30 Apr 2019 09:53

Tgt Ion: 62 Resp: 128102
Ion Ratio Lower Upper
62 100
64 32.1 24.6 36.8





#5

Bromomethane

Concen: 50.625 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

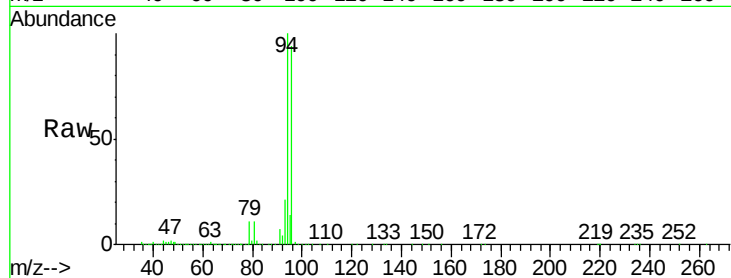
VSTDCCC050

Tot Ion: 94 Resp: 73317

Ion Ratio Lower Upper

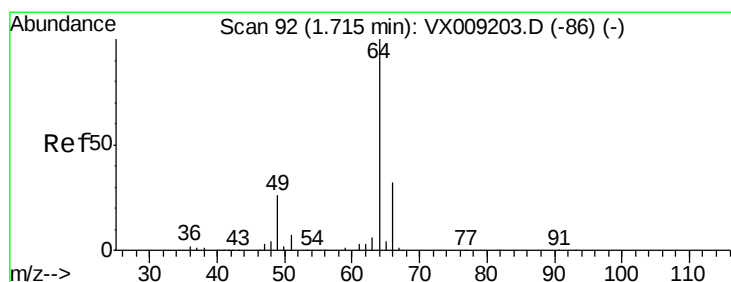
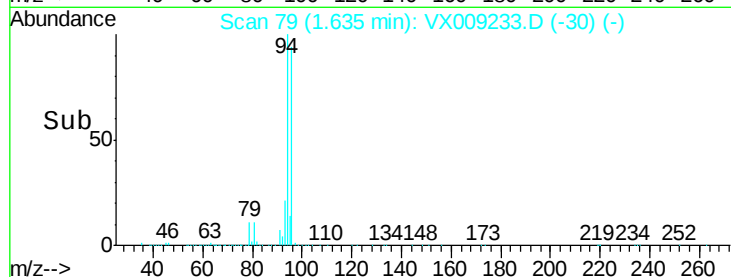
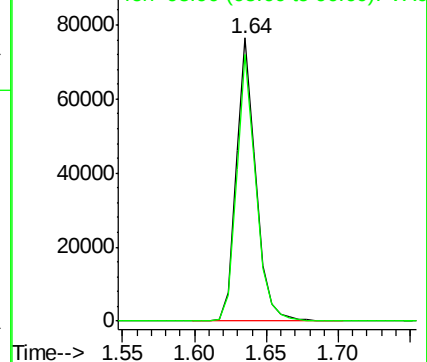
94 100

96 94.1 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.223 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX009233.D

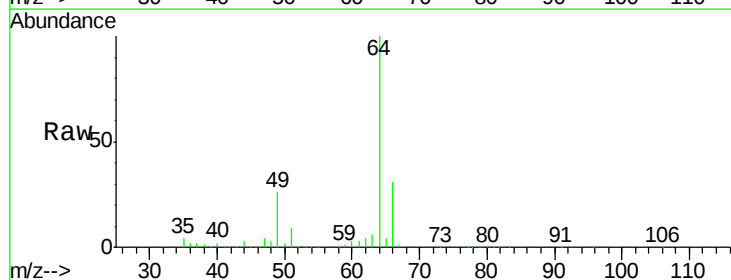
Acq: 30 Apr 2019 09:53

Tgt Ion: 64 Resp: 77804

Ion Ratio Lower Upper

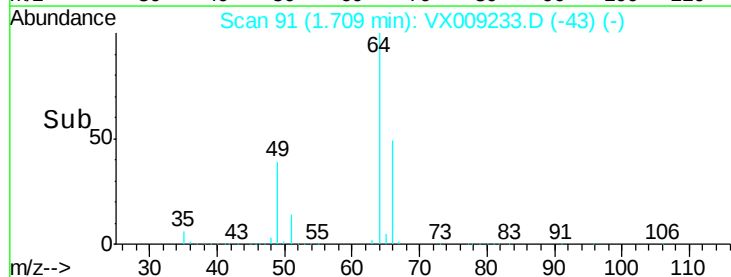
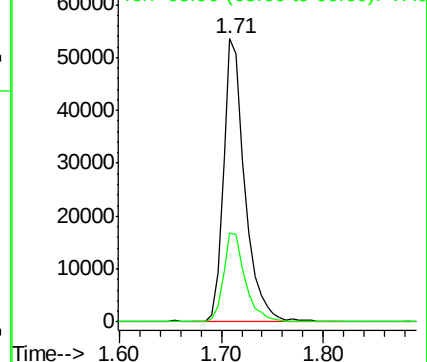
64 100

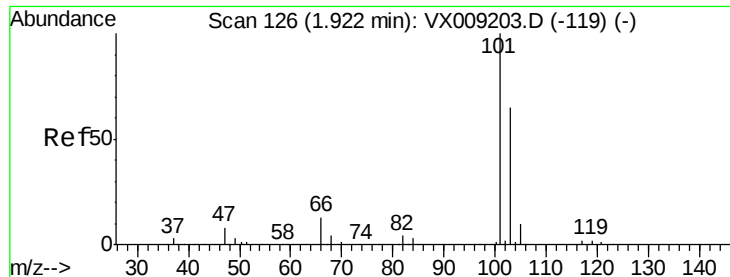
66 31.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



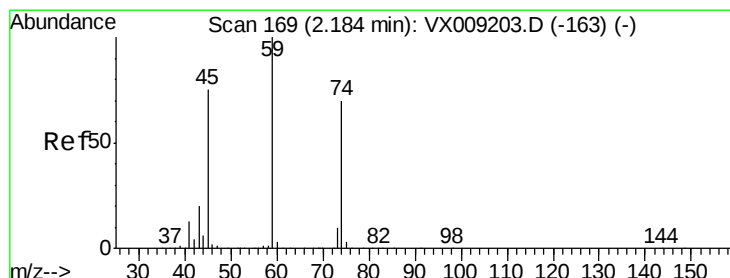
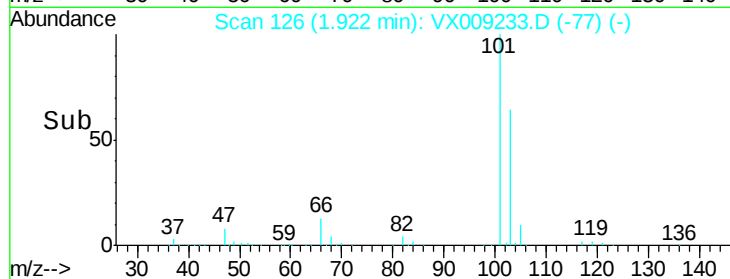
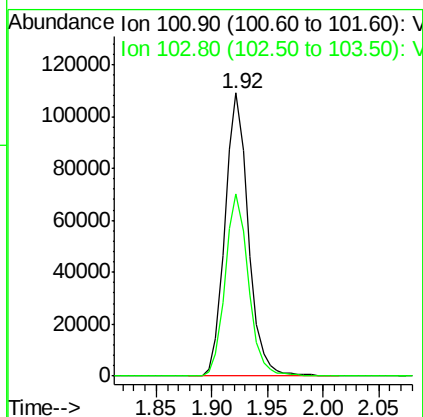
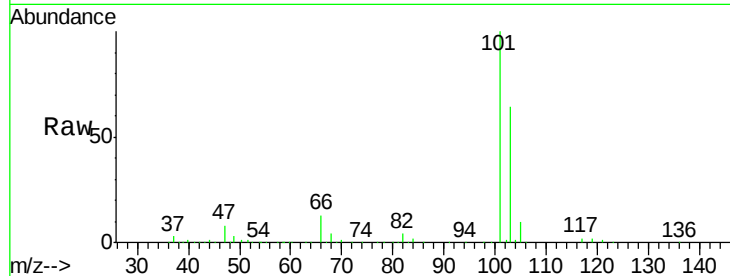


#7

Trichlorofluoromethane
 Concen: 54.076 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX009233.D
 Acq: 30 Apr 2019 09:53

Instrument :
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 ClientSampleId :
 VSTDCCC050

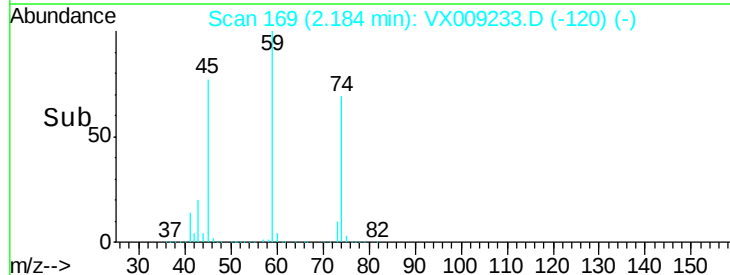
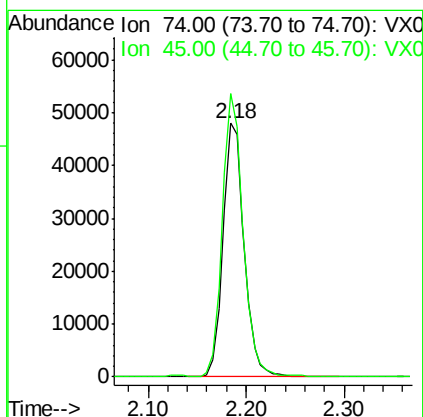
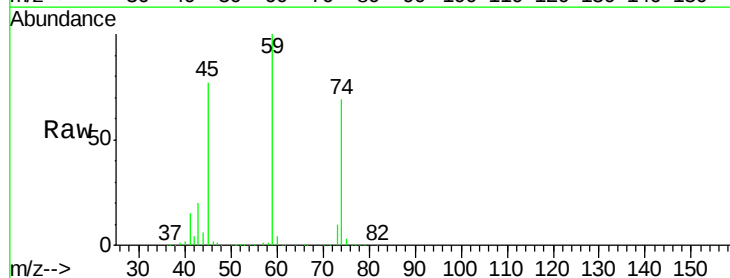
Tot Ion:101 Resp: 158606
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.4 78.6



#8

Diethyl Ether
 Concen: 51.713 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX009233.D
 Acq: 30 Apr 2019 09:53

Tgt Ion: 74 Resp: 71845
 Ion Ratio Lower Upper
 74 100
 45 109.5 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.060 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

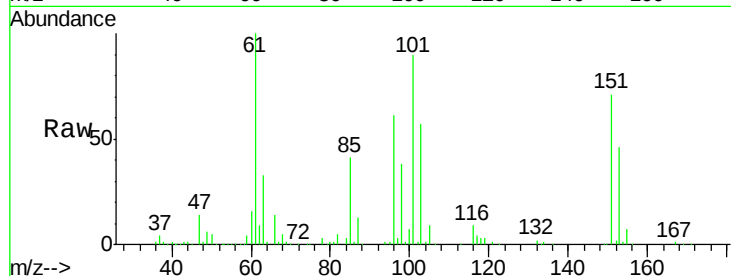
Tot Ion:101 Resp: 101411

Ion Ratio Lower Upper

101 100

85 43.6 35.7 53.5

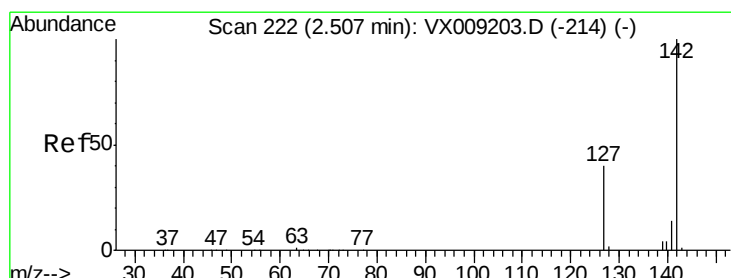
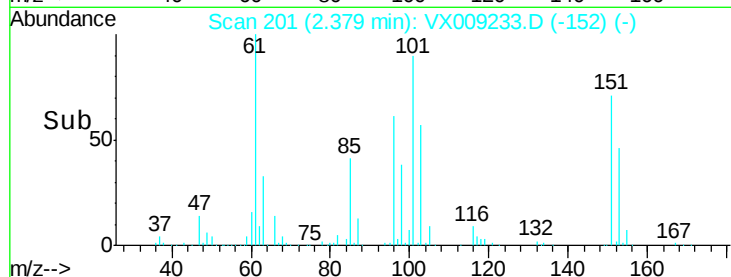
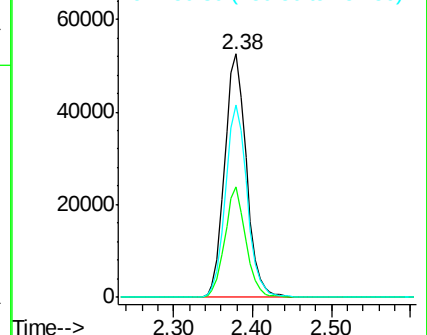
151 78.7 62.2 93.2



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: 49.101 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

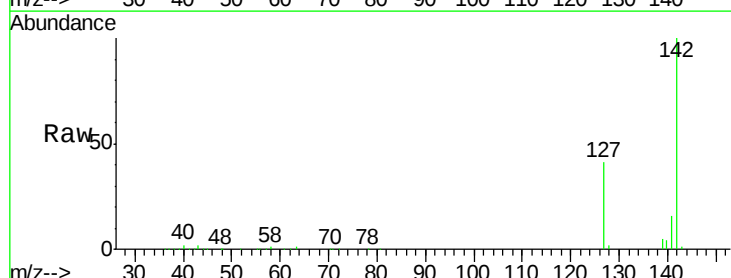
Tgt Ion:142 Resp: 104881

Ion Ratio Lower Upper

142 100

127 41.2 32.7 49.1

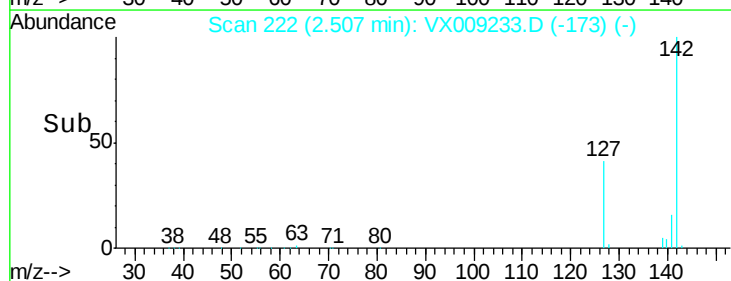
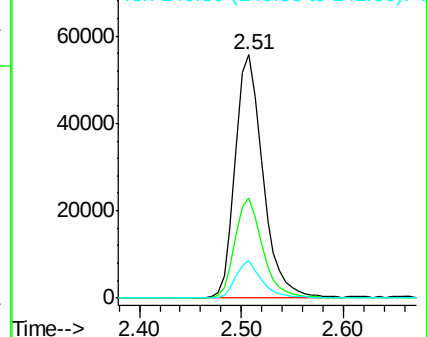
141 14.6 11.5 17.3

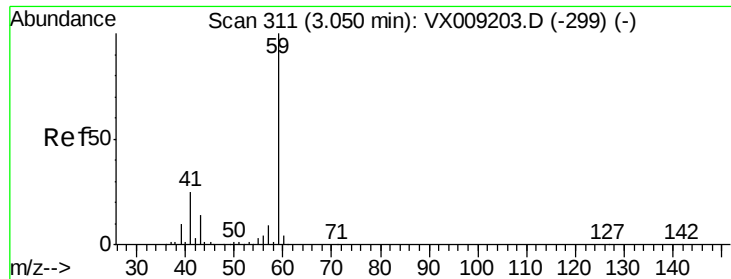


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

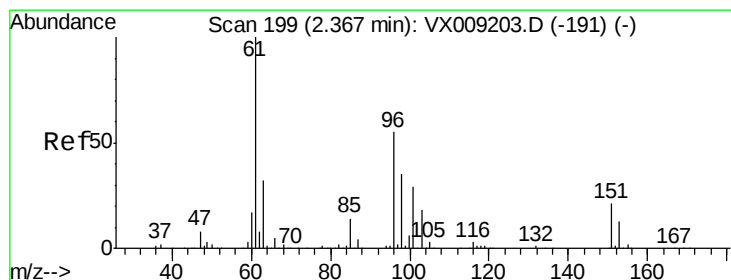
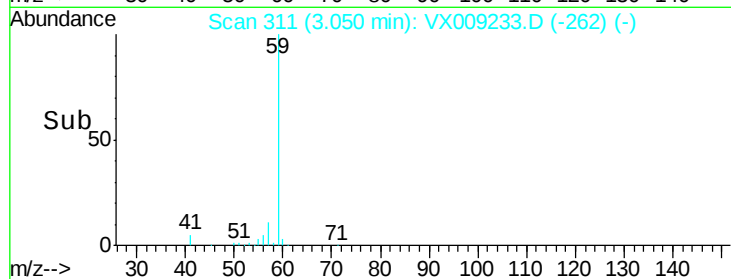
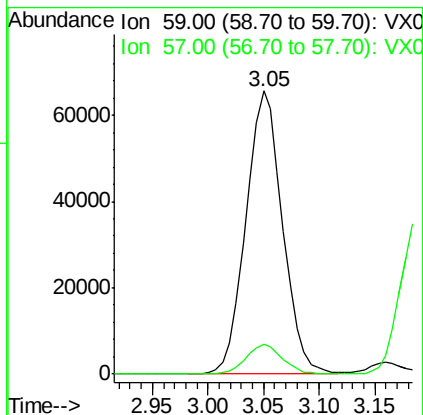
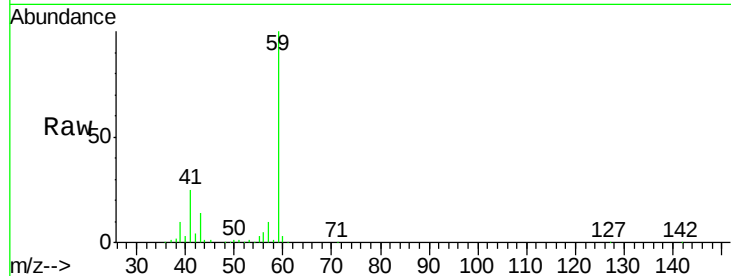




#11
Tert butyl alcohol
Concen: 241.287 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX009233.D
Acq: 30 Apr 2019 09:53

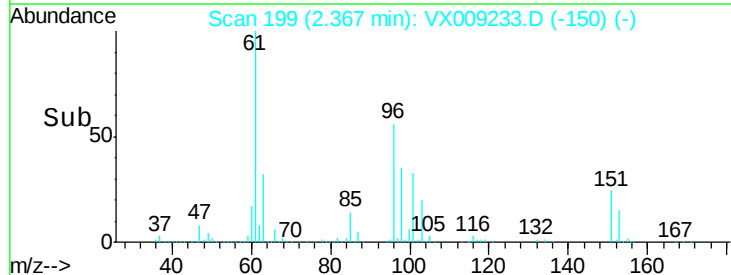
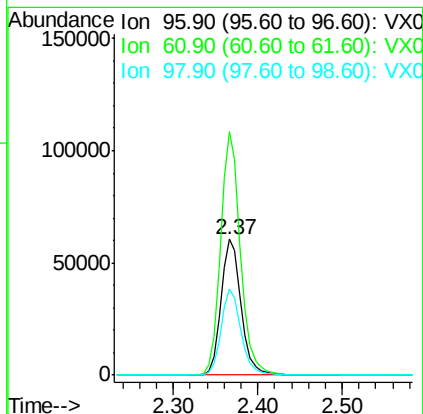
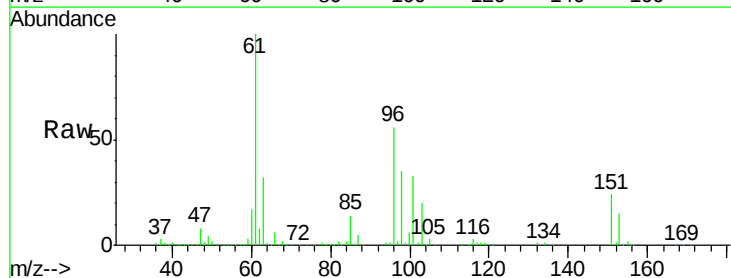
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

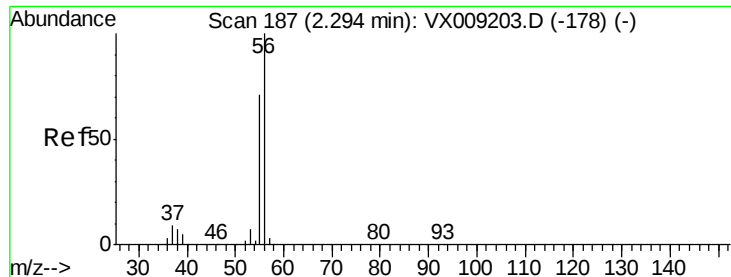
Tot Ion: 59 Resp: 149958
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2



#12
1,1-Dichloroethene
Concen: 53.764 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX009233.D
Acq: 30 Apr 2019 09:53

Tgt Ion: 96 Resp: 99217
Ion Ratio Lower Upper
96 100
61 179.4 144.3 216.5
98 63.5 50.3 75.5





#13

Acrolein

Concen: 210.710 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

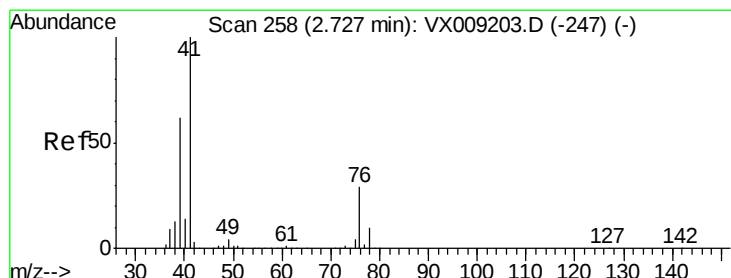
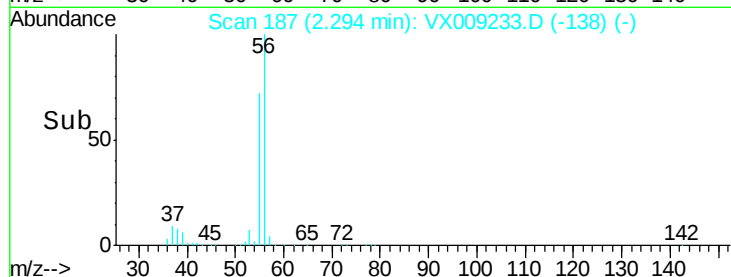
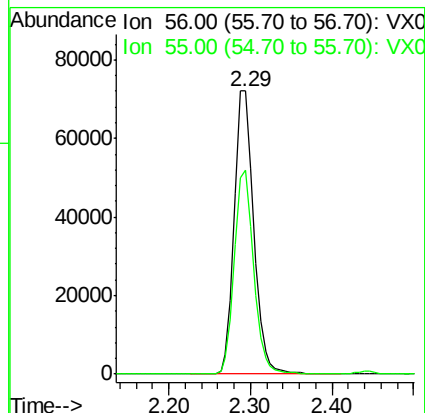
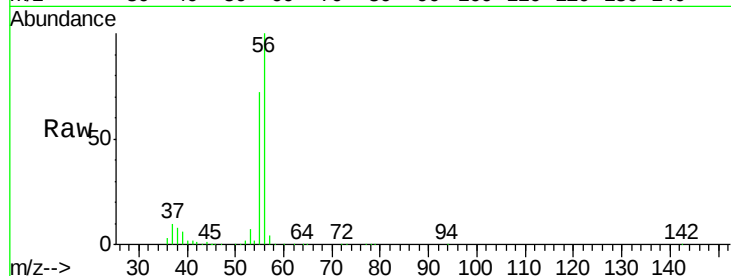
VSTDCCC050

Tot Ion: 56 Resp: 118597

Ion Ratio Lower Upper

56 100

55 71.2 56.6 85.0



#14

Allyl chloride

Concen: 51.814 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

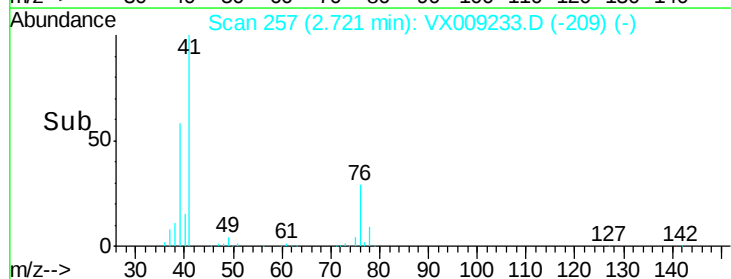
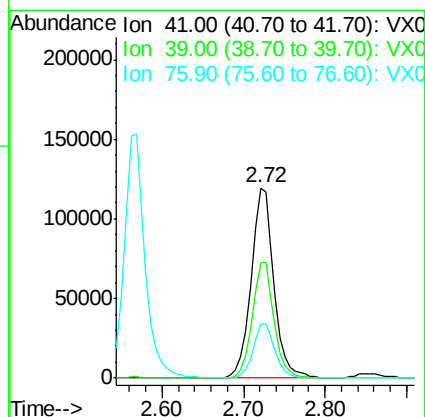
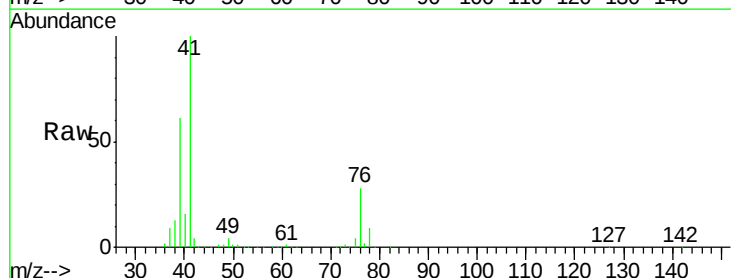
Tgt Ion: 41 Resp: 233025

Ion Ratio Lower Upper

41 100

39 58.1 46.7 70.1

76 27.3 21.8 32.8





#15

Acrylonitrile

Concen: 246.539 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

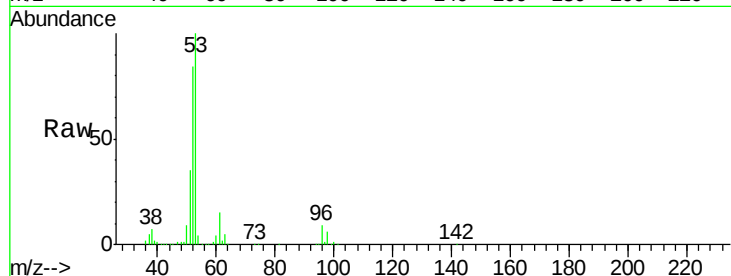
Tot Ion: 53 Resp: 374639

Ion Ratio Lower Upper

53 100

52 83.2 66.9 100.3

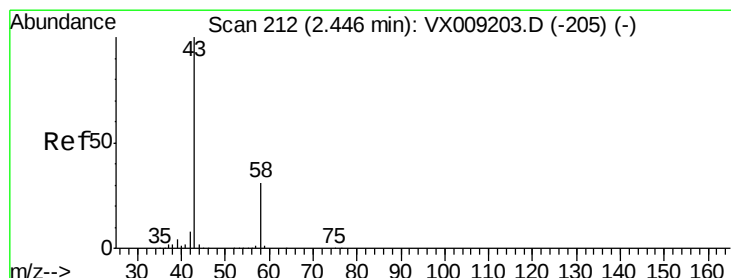
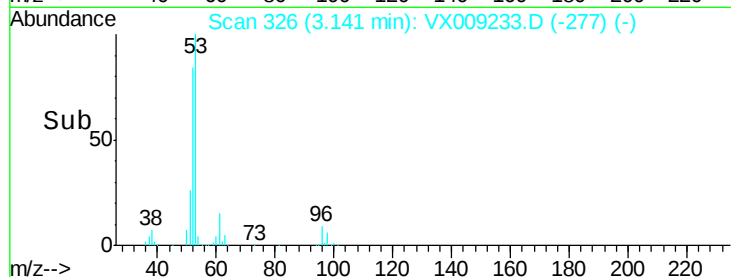
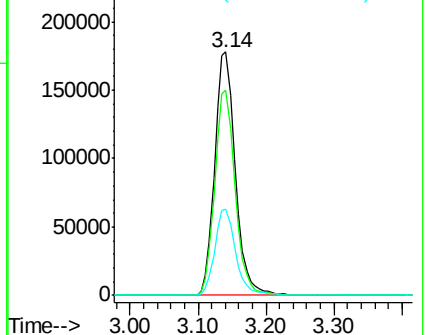
51 35.7 28.2 42.2



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: 262.251 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009233.D

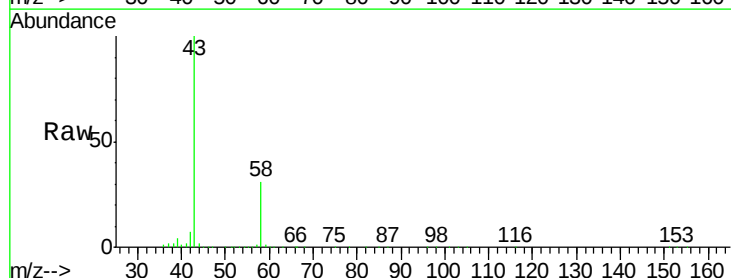
Acq: 30 Apr 2019 09:53

Tgt Ion: 43 Resp: 378086

Ion Ratio Lower Upper

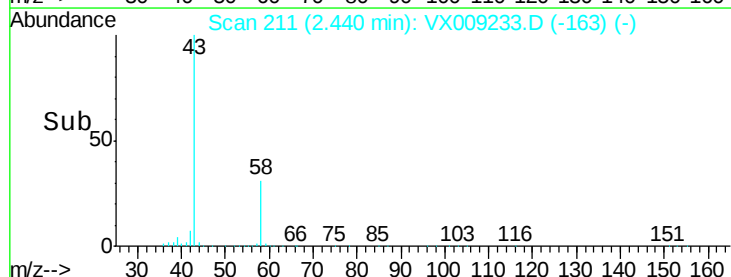
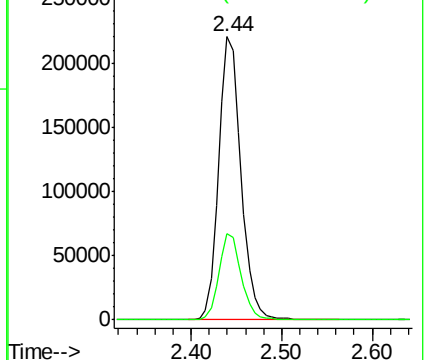
43 100

58 30.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

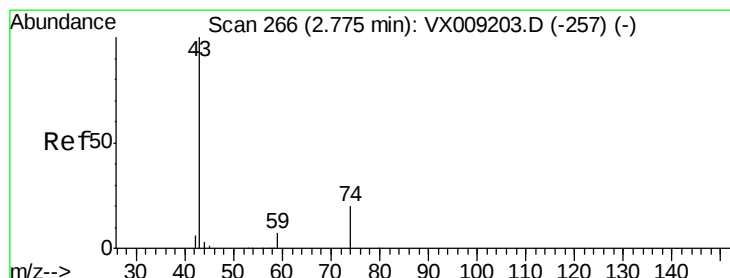
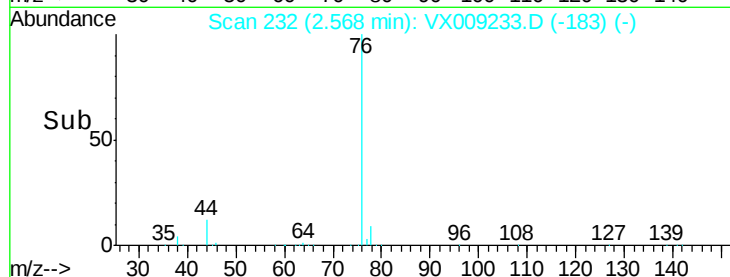
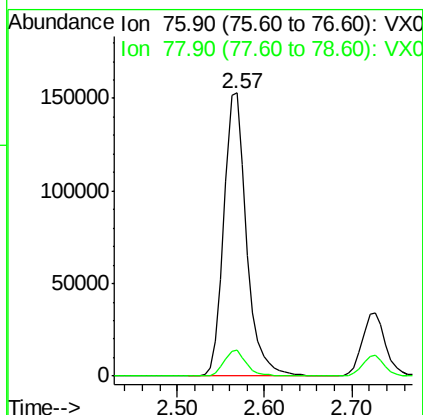
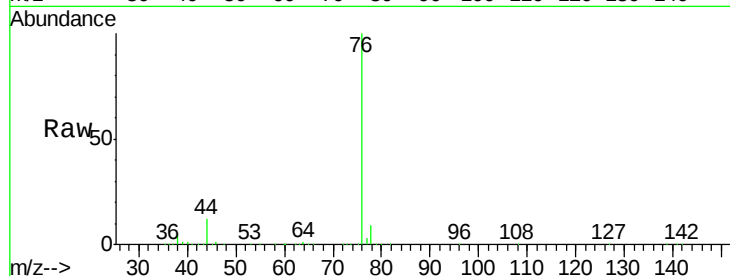




#17
Carbon Disulfide
Concen: 53.007 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009233.D
Acq: 30 Apr 2019 09:53

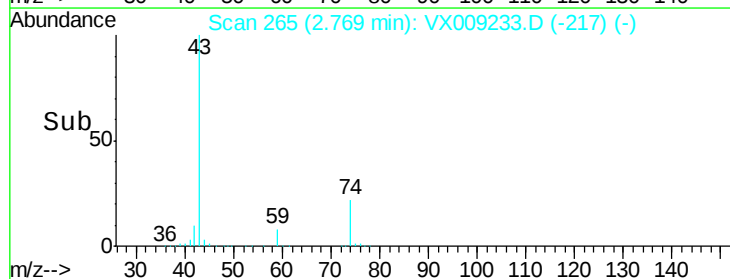
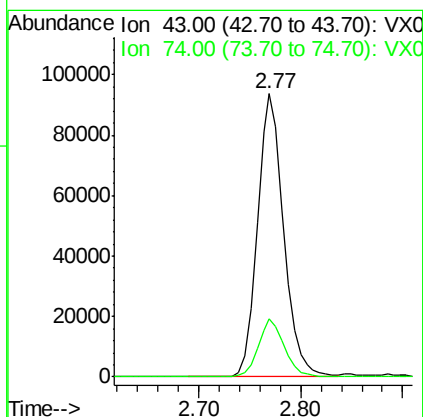
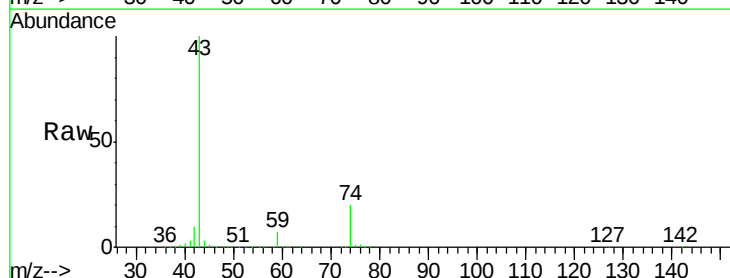
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

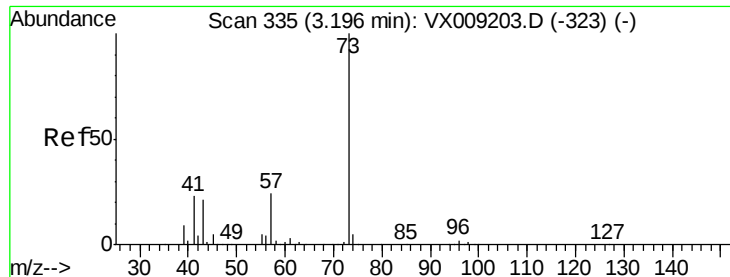
Tot Ion: 76 Resp: 274640
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 48.795 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX009233.D
Acq: 30 Apr 2019 09:53

Tgt Ion: 43 Resp: 167301
Ion Ratio Lower Upper
43 100
74 20.6 16.2 24.4

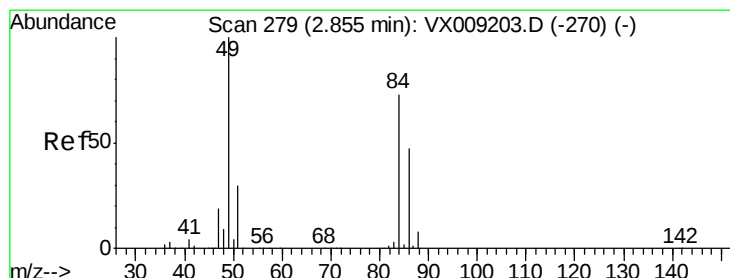
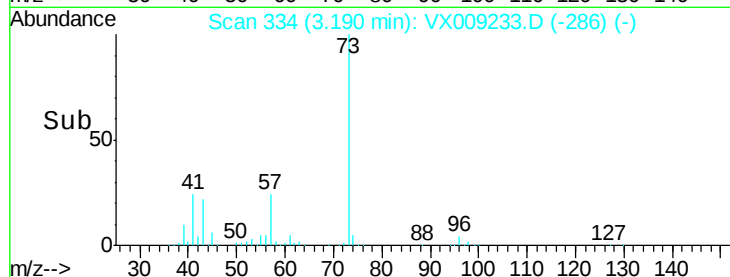
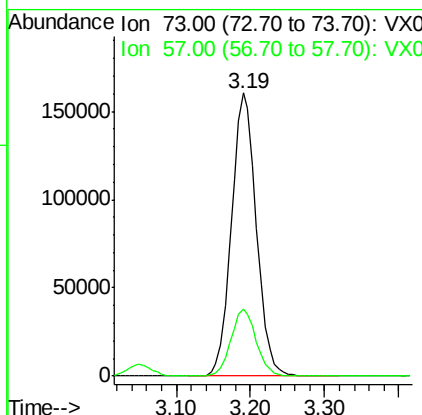
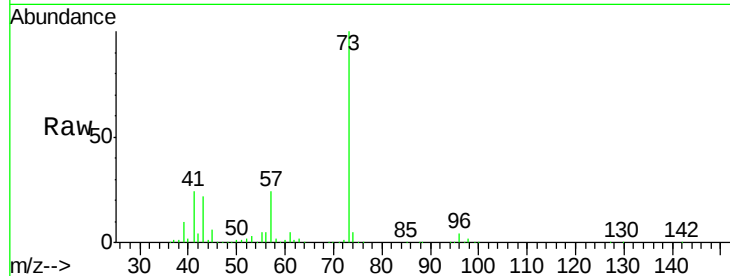




#19
Methvl tert-butvl Ether
Concen: 52.160 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX009233.D
Acq: 30 Apr 2019 09:53

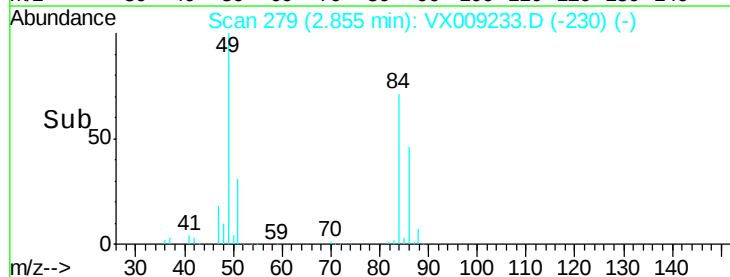
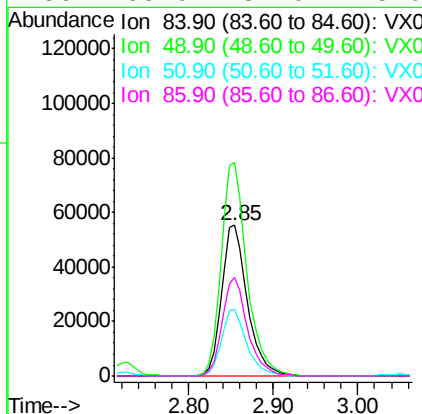
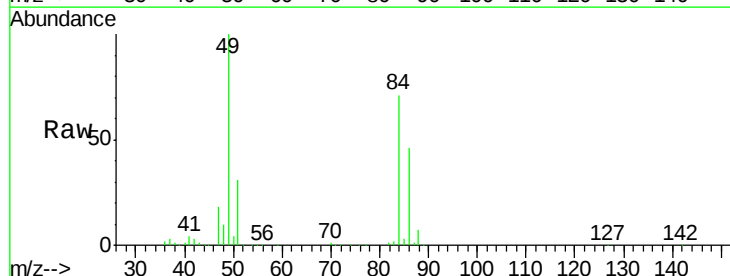
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

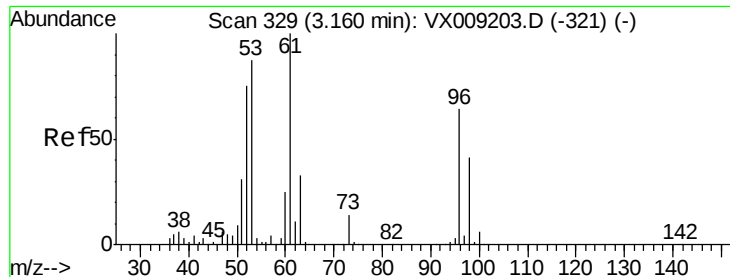
Tot Ion: 73 Resp: 373792
Ion Ratio Lower Upper
73 100
57 23.9 19.3 28.9



#20
Methylene Chloride
Concen: 49.663 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009233.D
Acq: 30 Apr 2019 09:53

Tgt Ion: 84 Resp: 115928
Ion Ratio Lower Upper
84 100
49 141.4 109.9 164.9
51 44.1 32.7 49.1
86 65.0 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 52.567 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

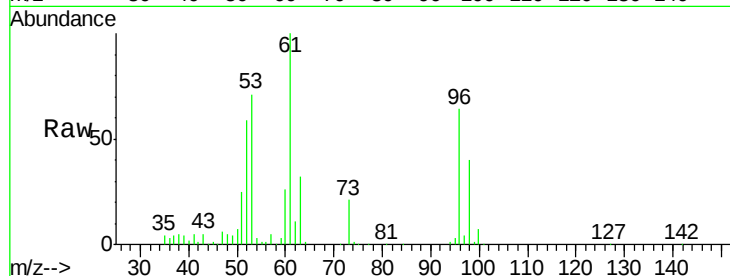
Tot Ion: 96 Resp: 105205

Ion Ratio Lower Upper

96 100

61 156.2 124.5 186.7

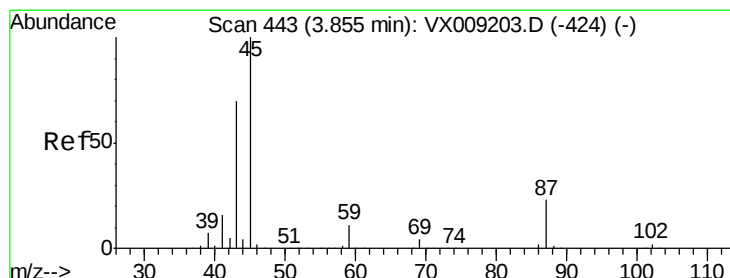
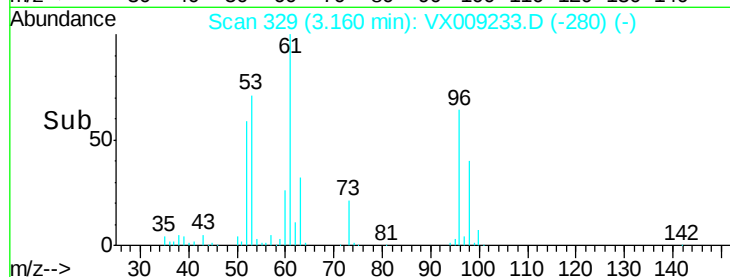
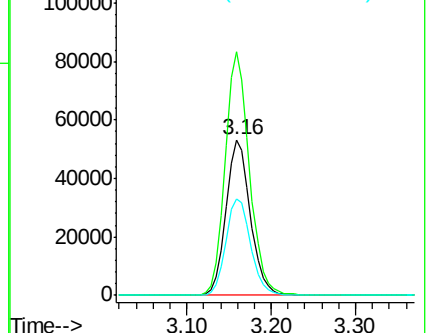
98 62.0 50.4 75.6



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



#22

Diisopropyl ether

Concen: 52.892 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

Tgt Ion: 45 Resp: 457459

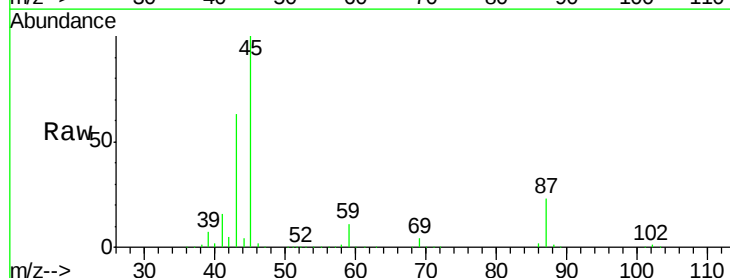
Ion Ratio Lower Upper

45 100

43 63.0 56.1 84.1

87 22.8 18.1 27.1

59 10.8 8.5 12.7

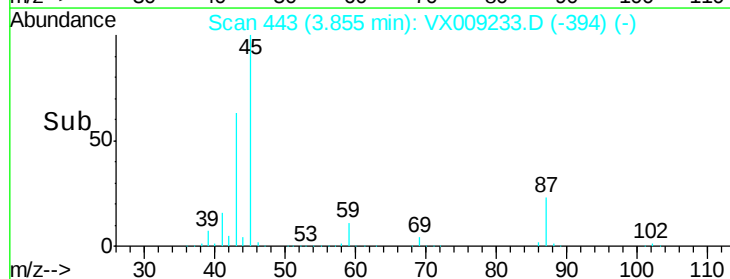
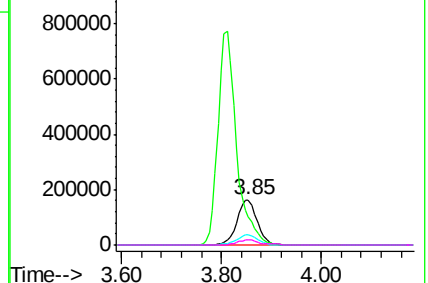


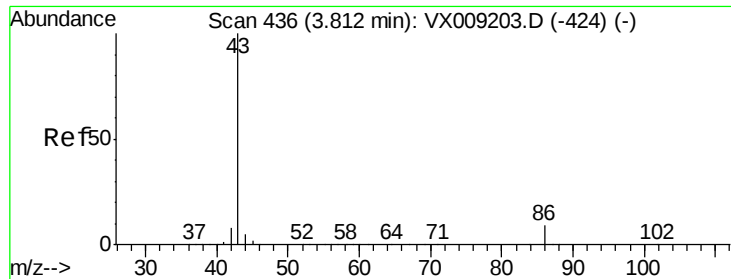
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 268.978 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

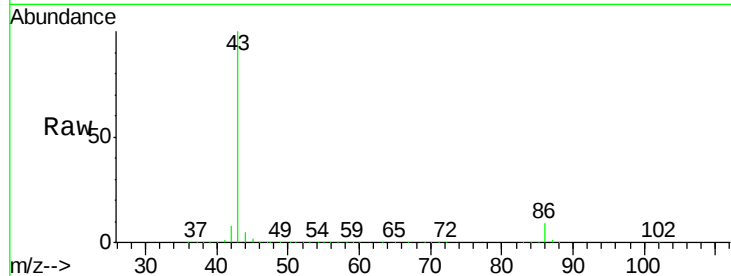
VSTDCCC050

Tot Ion: 43 Resp: 1992086

Ion Ratio Lower Upper

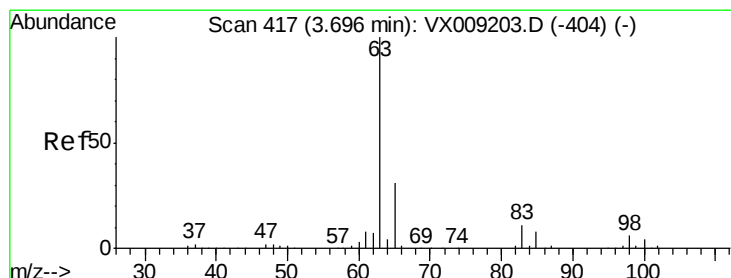
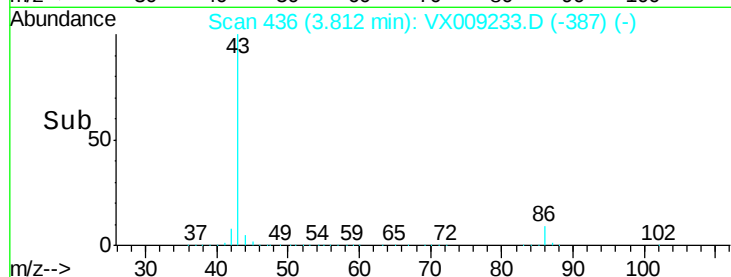
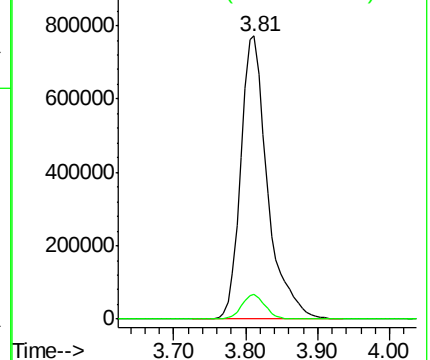
43 100

86 8.6 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.684 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

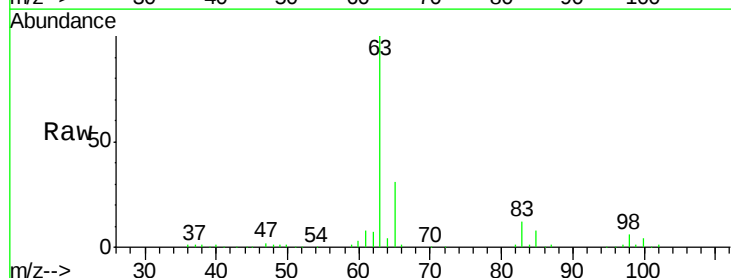
Tgt Ion: 63 Resp: 220515

Ion Ratio Lower Upper

63 100

98 5.8 3.0 9.2

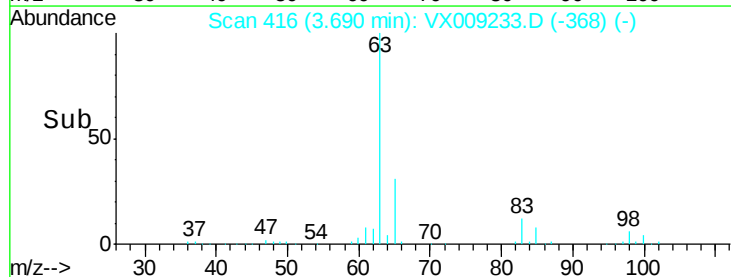
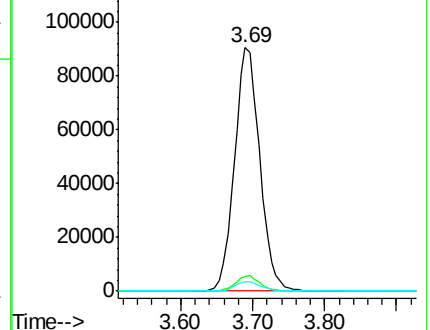
100 3.6 2.0 6.0



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: 263.026 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

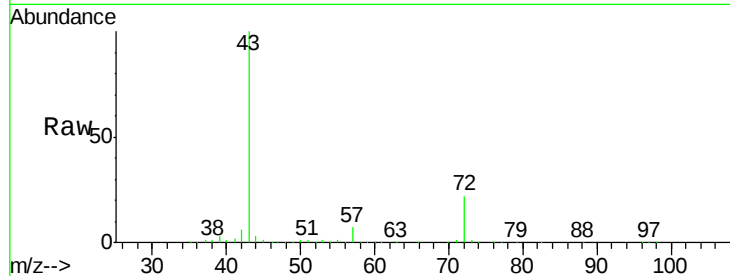
VSTDCCC050

Tot Ion: 43 Resp: 589271

Ion Ratio Lower Upper

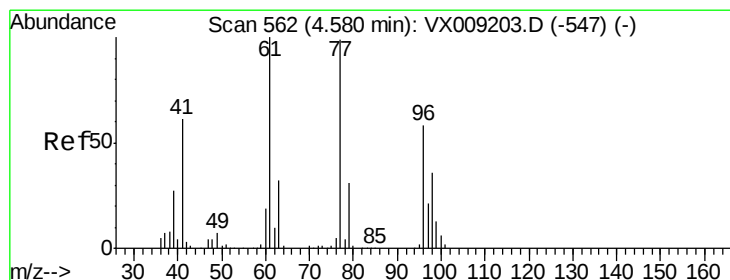
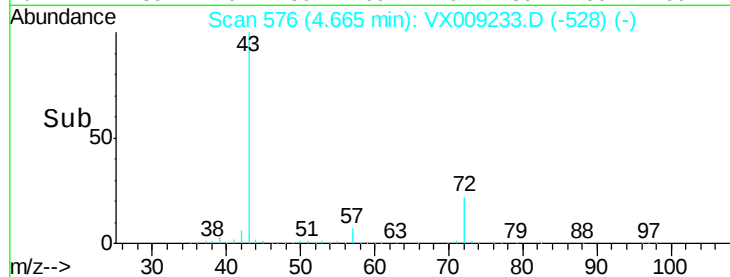
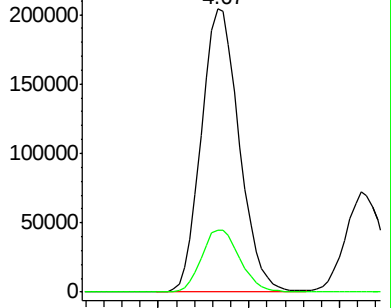
43 100

72 21.9 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 53.767 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009233.D

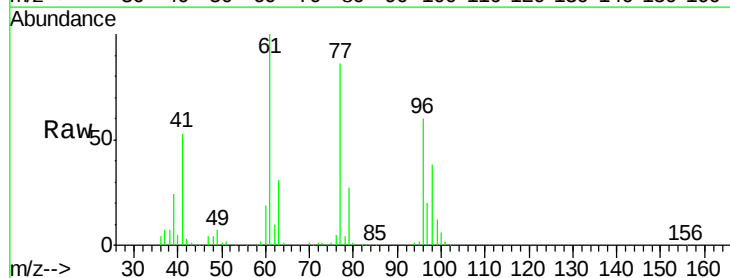
Acq: 30 Apr 2019 09:53

Tgt Ion: 77 Resp: 170752

Ion Ratio Lower Upper

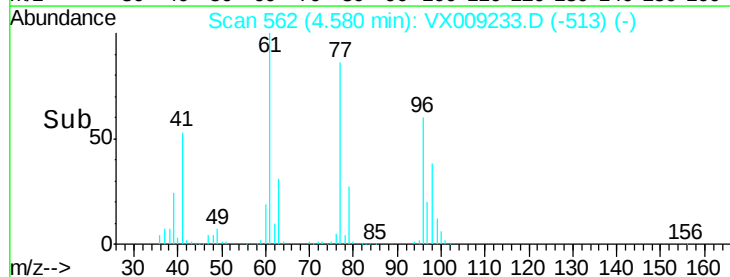
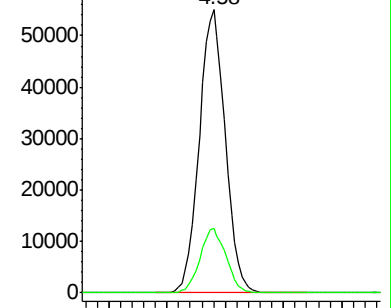
77 100

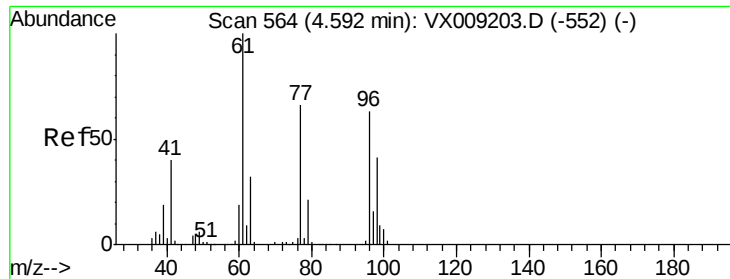
97 22.8 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



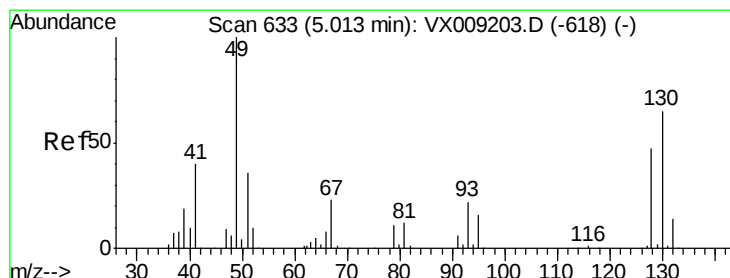
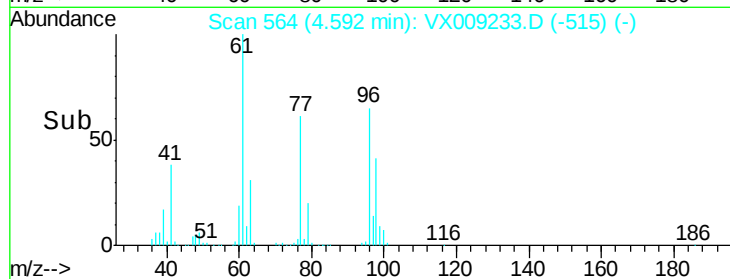
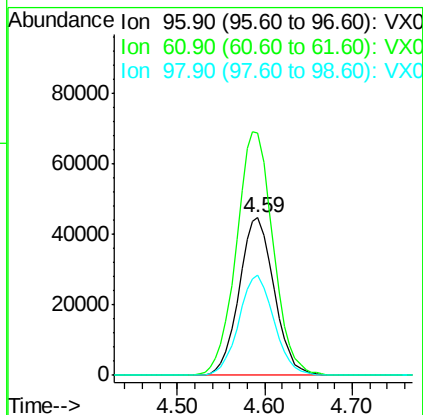
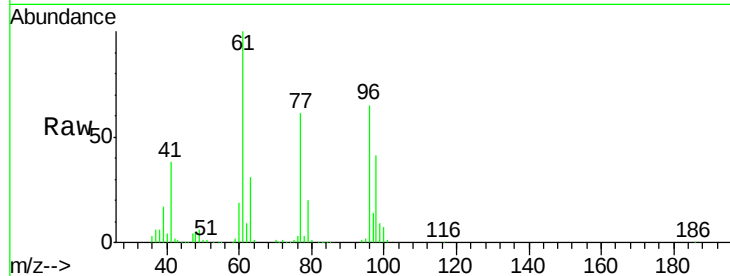


#27

cis-1,2-Dichloroethene
 Concen: 52.202 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VX009233.D
 Acq: 30 Apr 2019 09:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

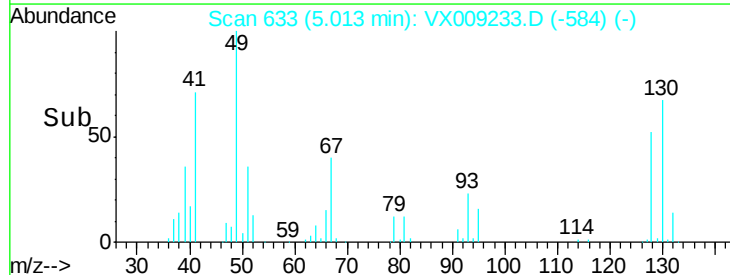
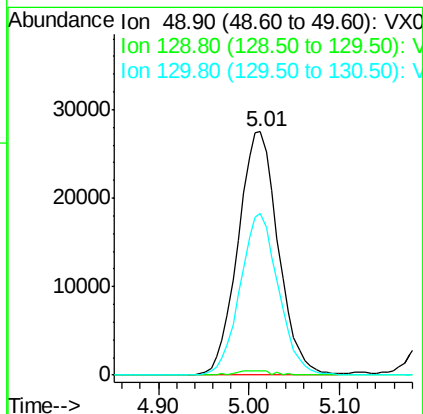
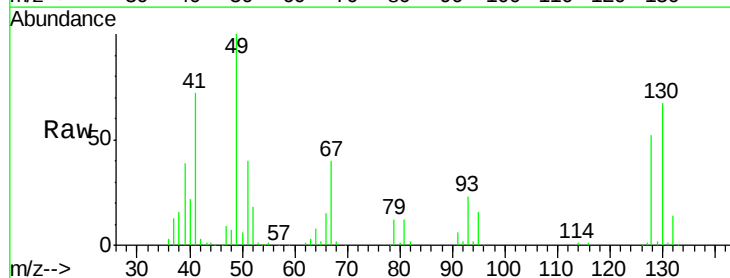
Tot Ion: 96 Resp: 124703
 Ion Ratio Lower Upper
 96 100
 61 162.1 0.0 324.0
 98 63.9 0.0 130.4

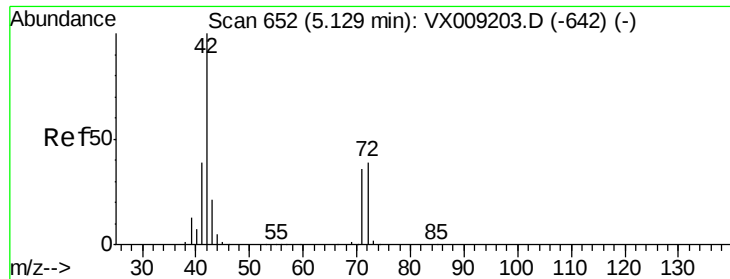


#28

Bromochloromethane
 Concen: 49.275 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX009233.D
 Acq: 30 Apr 2019 09:53

Tgt Ion: 49 Resp: 84699
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.8
 130 63.0 51.2 76.8

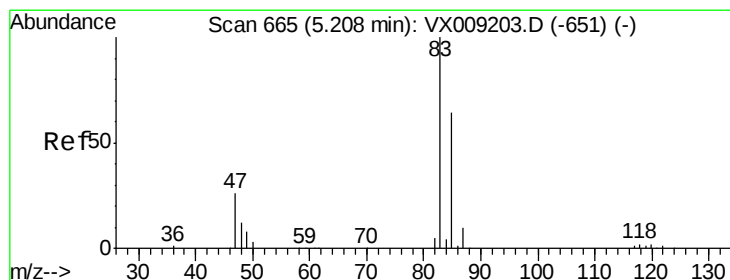
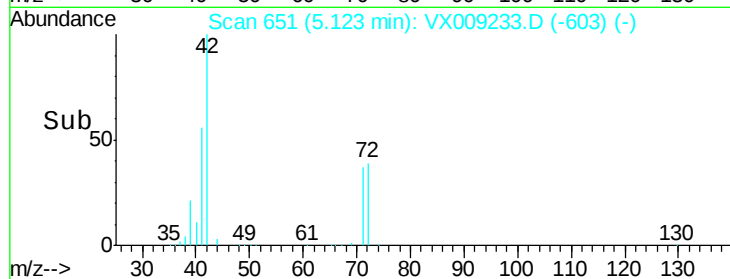
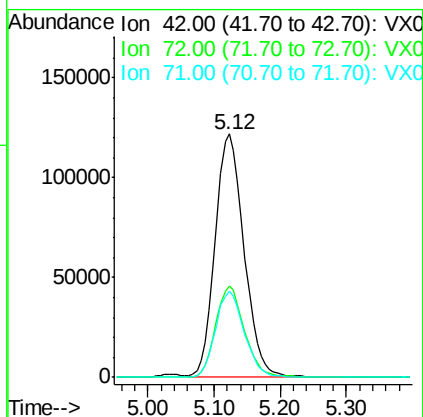
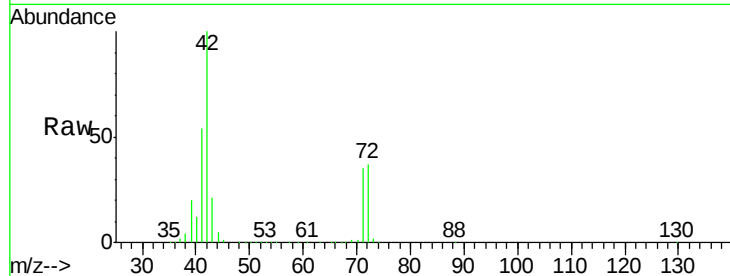




#29
Tetrahydrofuran
Concen: 255.247 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX009233.D
Acq: 30 Apr 2019 09:53

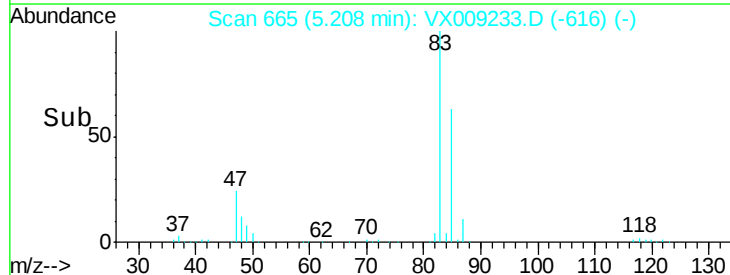
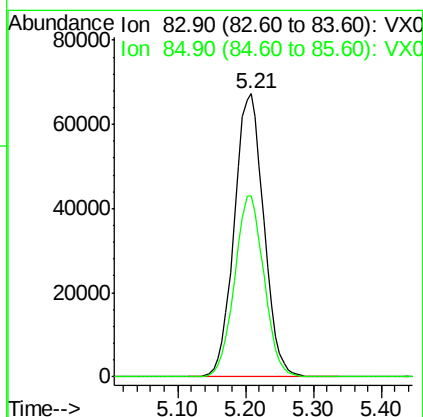
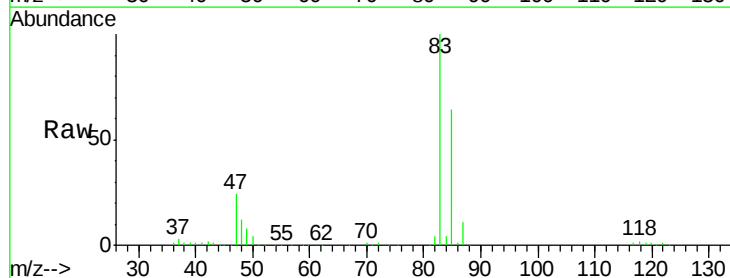
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

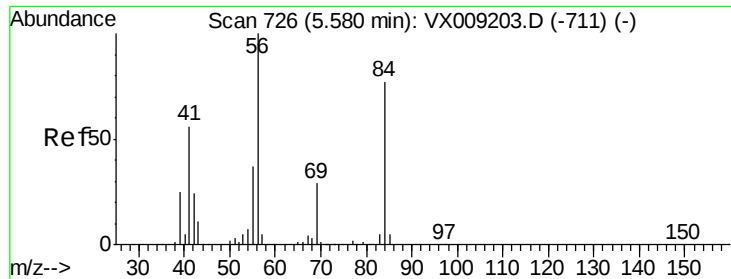
Tot Ion: 42 Resp: 367978
Ion Ratio Lower Upper
42 100
72 37.7 30.4 45.6
71 35.2 28.6 43.0



#30
Chloroform
Concen: 52.507 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX009233.D
Acq: 30 Apr 2019 09:53

Tgt Ion: 83 Resp: 202617
Ion Ratio Lower Upper
83 100
85 64.1 51.5 77.3

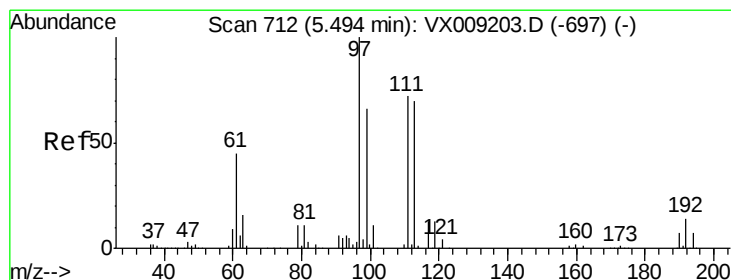
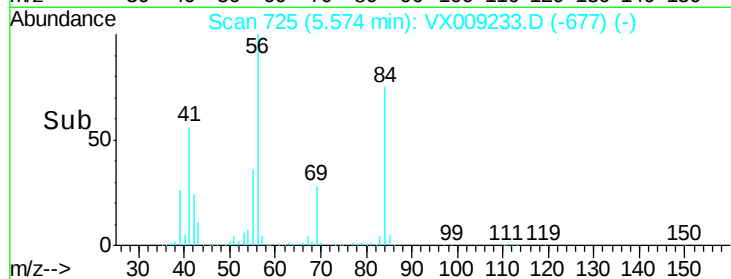
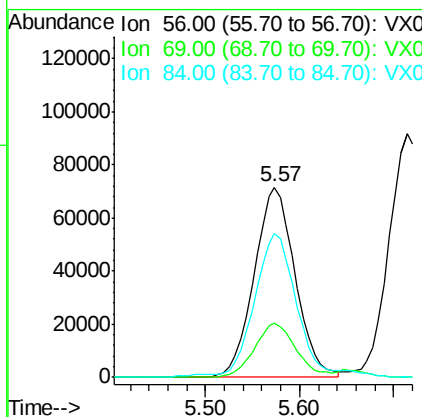
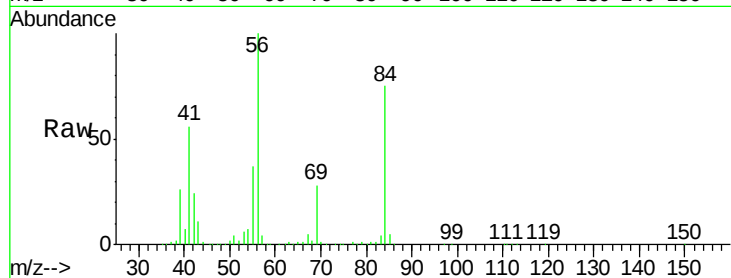




#31
Cyclohexane
Concen: 54.796 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX009233.D
Acq: 30 Apr 2019 09:53

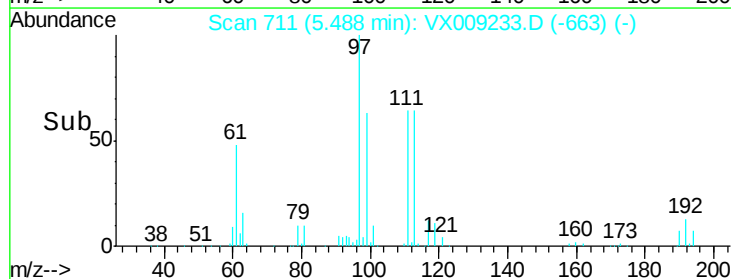
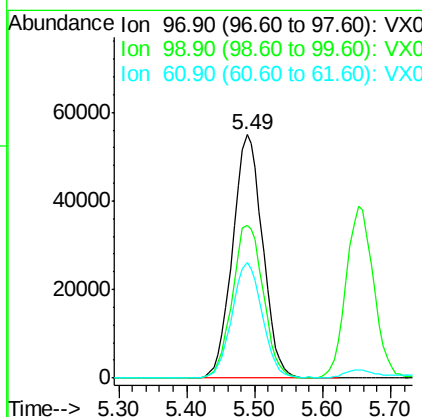
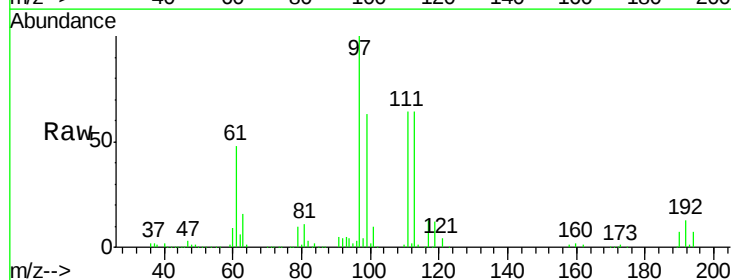
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 217511
Ion Ratio Lower Upper
56 100
69 28.2 23.4 35.0
84 74.4 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 52.530 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX009233.D
Acq: 30 Apr 2019 09:53

Tgt Ion: 97 Resp: 168744
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.8
61 47.9 37.8 56.8





#33

1,2-Dichloroethane-d4

Concen: 49.631 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

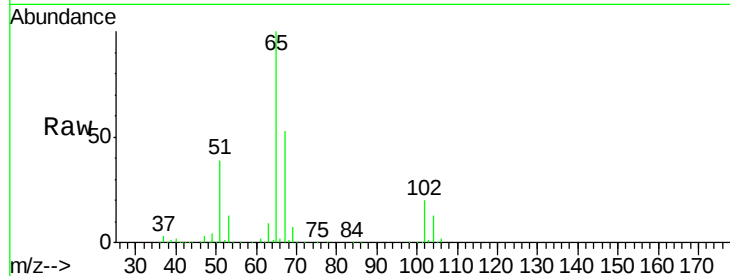
VSTDCCC050

Tot Ion: 65 Resp: 133254

Ion Ratio Lower Upper

65 100

67 54.6 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

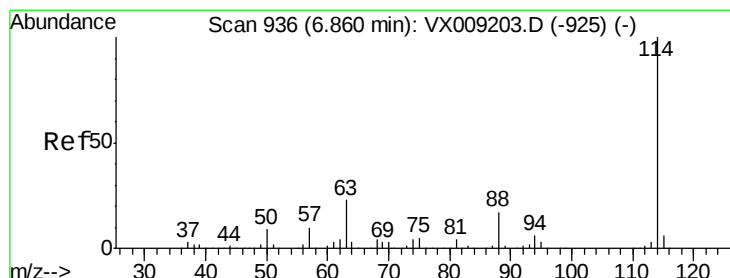
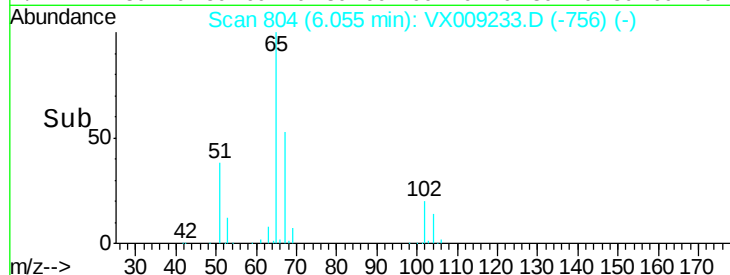
30000

20000

10000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

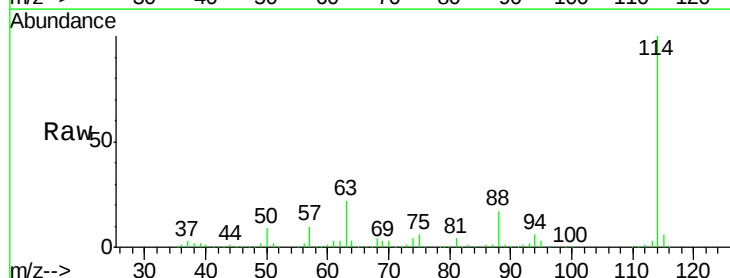
Tgt Ion: 114 Resp: 314172

Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.6

88 16.5 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

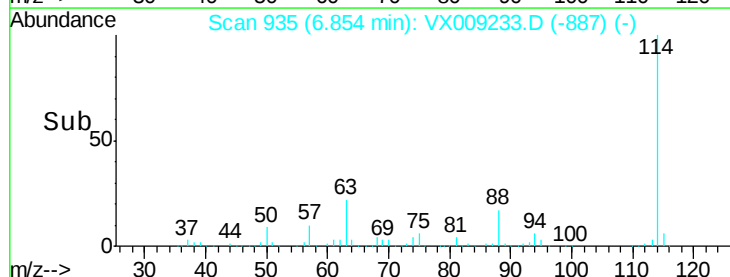
150000

100000

50000

0

Time--> 6.70 6.80 6.90 7.00 7.10

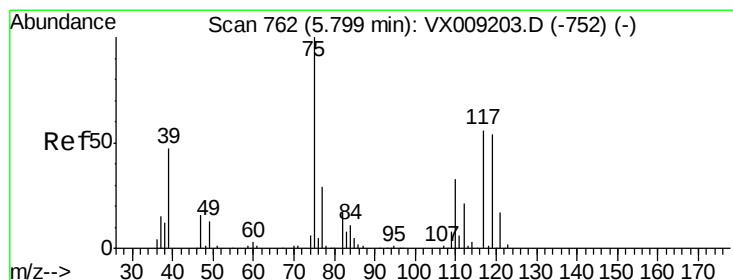
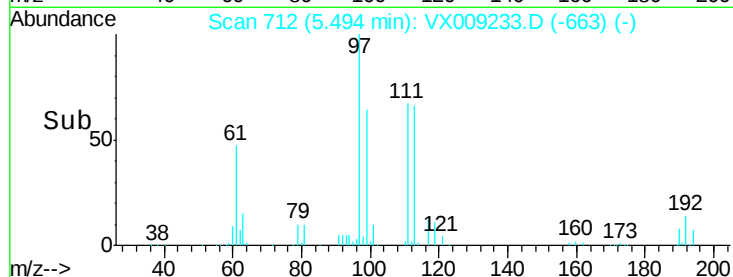
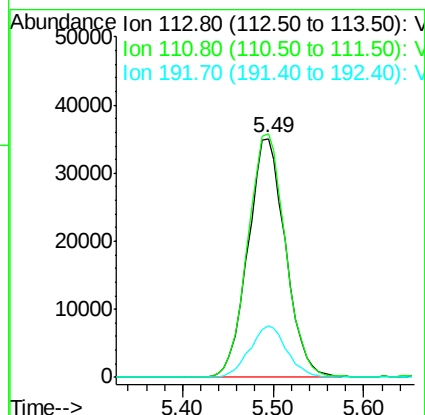
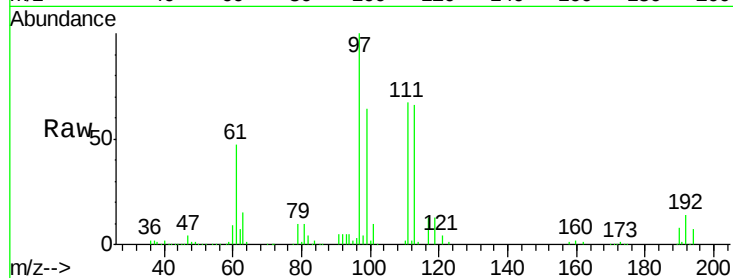




#35
 Dibromofluoromethane
 Concen: 50.711 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX009233.D
 Acq: 30 Apr 2019 09:53

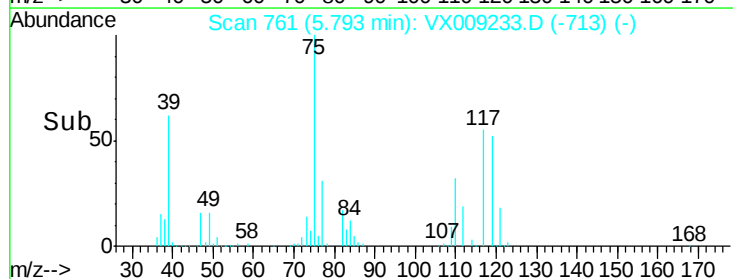
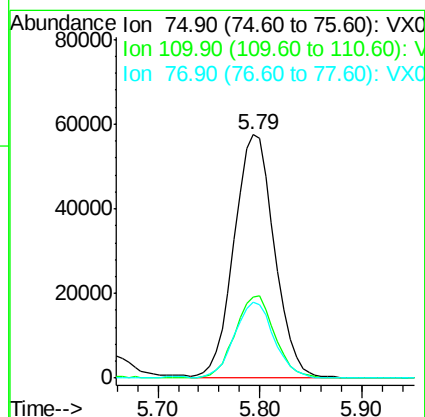
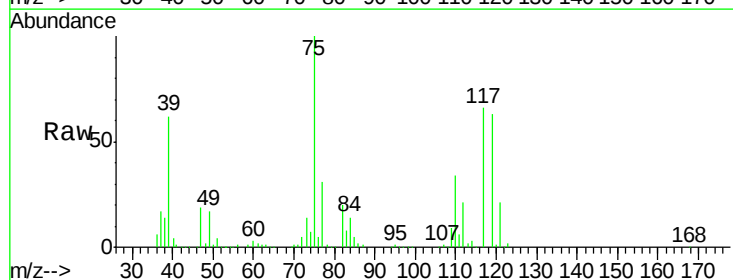
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

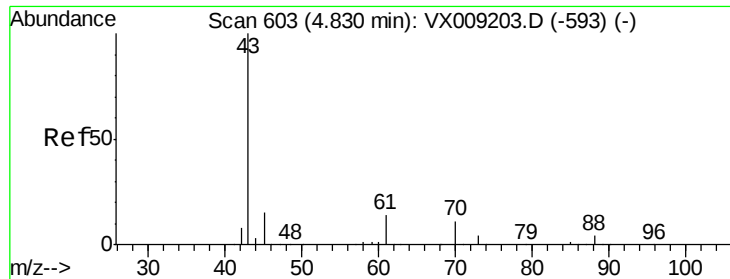
Tot Ion:113 Resp: 100154
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.8 124.2
 192 21.4 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 53.737 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX009233.D
 Acq: 30 Apr 2019 09:53

Tgt Ion: 75 Resp: 156893
 Ion Ratio Lower Upper
 75 100
 110 33.6 16.9 50.6
 77 31.2 24.8 37.2





#37

Ethyl Acetate

Concen: 51.722 ug/l

RT: 4.82 min Scan# 602

Delta R.T. -0.01 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

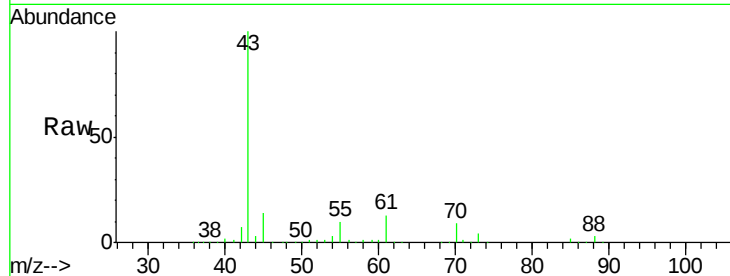
Tot Ion: 43 Resp: 210400

Ion Ratio Lower Upper

43 100

61 12.9 10.5 15.7

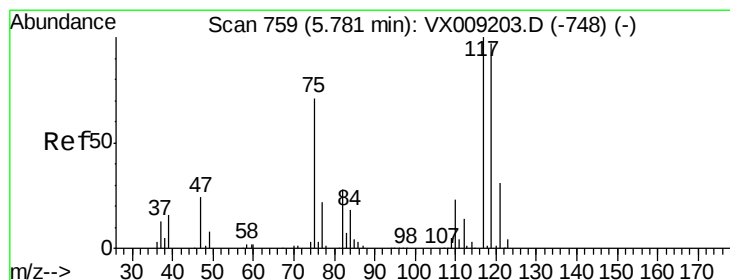
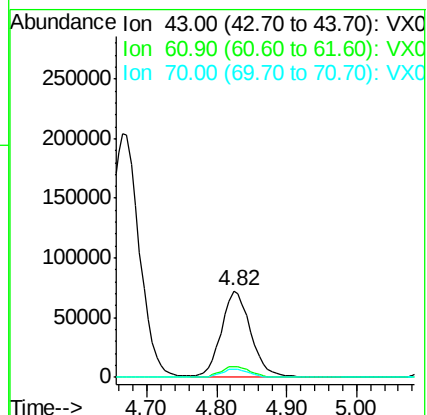
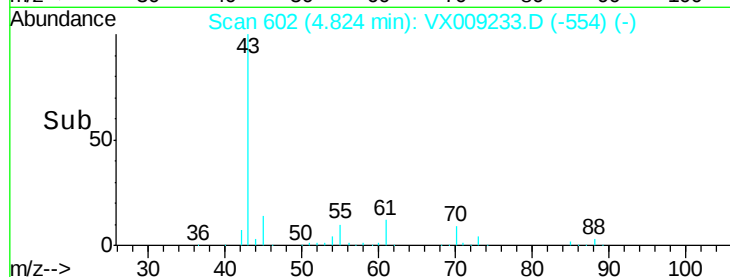
70 9.5 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX009233.D (-593) (-)

Ion 60.90 (60.60 to 61.60): VX009233.D (-593) (-)

Ion 70.00 (69.70 to 70.70): VX009233.D (-593) (-)



#38

Carbon Tetrachloride

Concen: 53.666 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

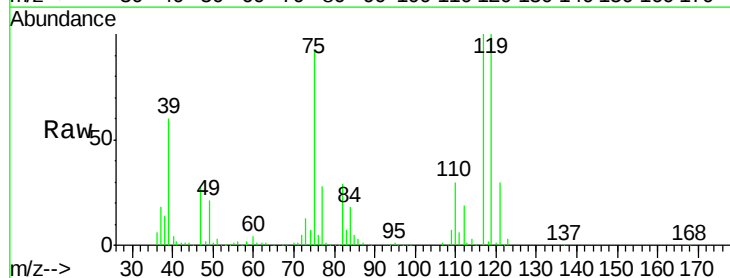
Tgt Ion: 117 Resp: 142360

Ion Ratio Lower Upper

117 100

119 99.7 77.5 116.3

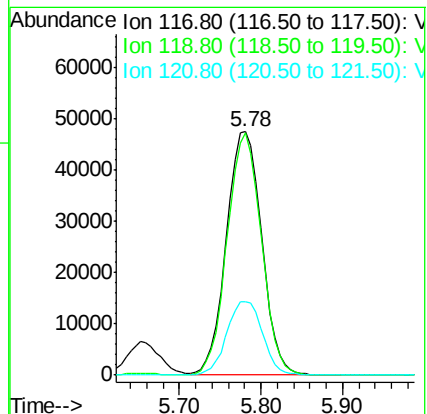
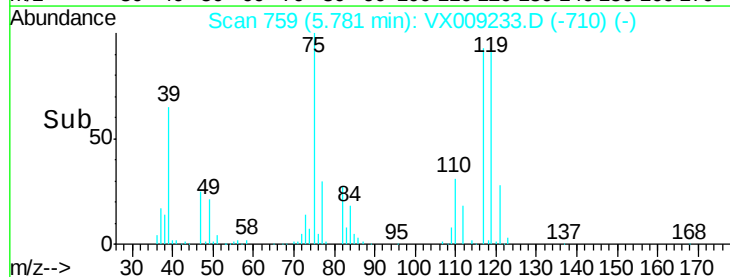
121 30.0 24.7 37.1

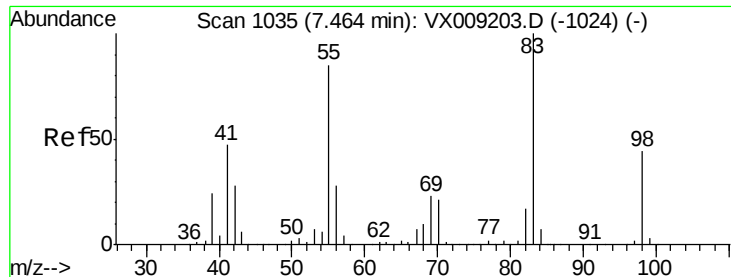


Abundance Ion 116.80 (116.50 to 117.50): VX009233.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX009233.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX009233.D (-748) (-)

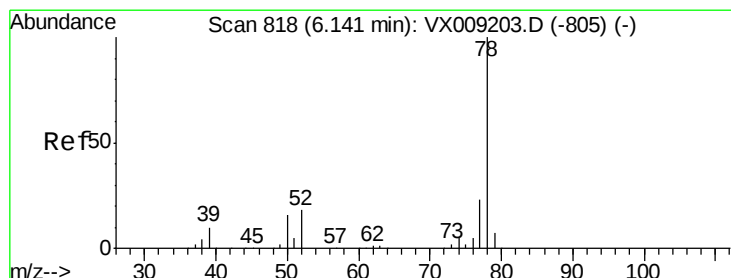
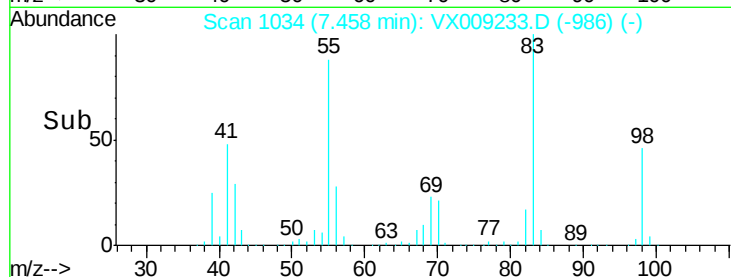
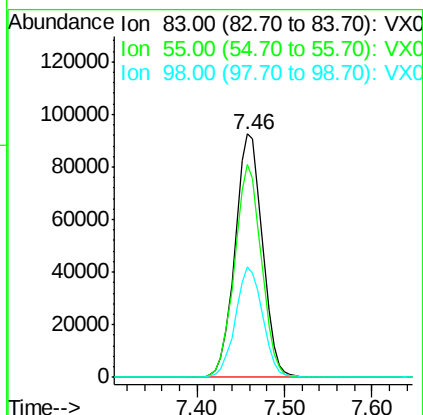
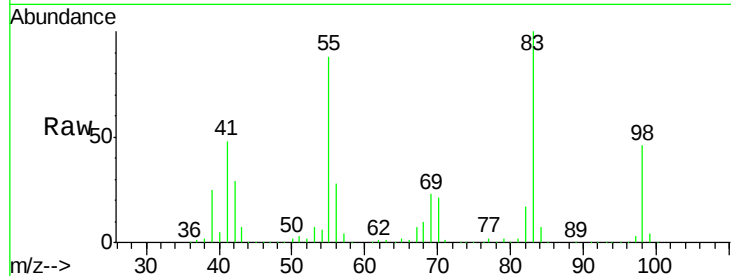




#39
Methvlcvclohexane
Concen: 56.308 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX009233.D
Acq: 30 Apr 2019 09:53

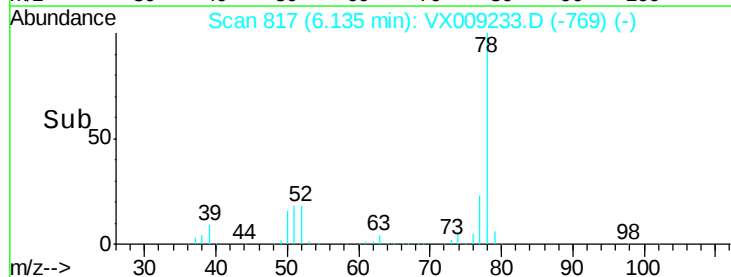
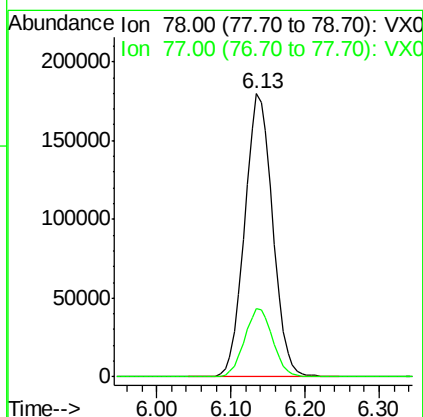
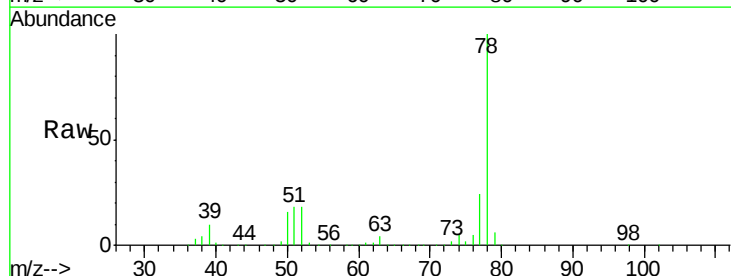
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 201898
Ion Ratio Lower Upper
83 100
55 87.5 67.7 101.5
98 45.5 35.5 53.3



#40
Benzene
Concen: 52.554 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX009233.D
Acq: 30 Apr 2019 09:53

Tgt Ion: 78 Resp: 474868
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2

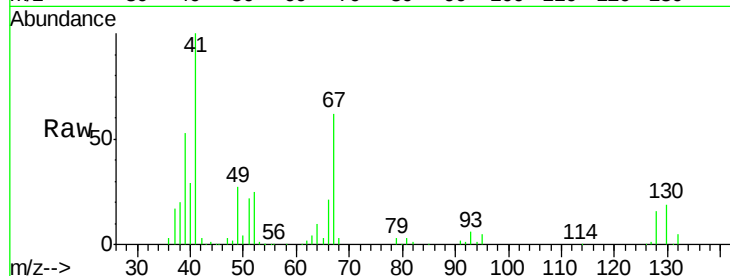




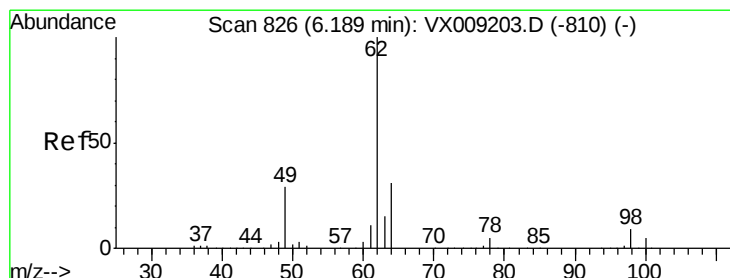
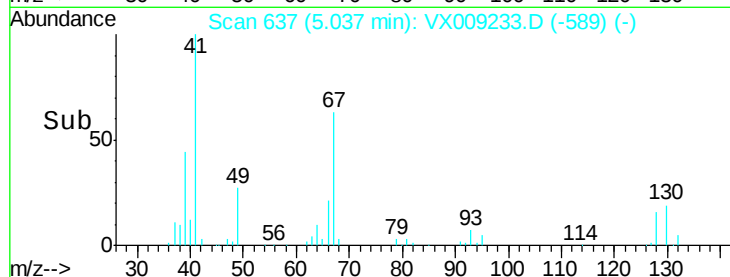
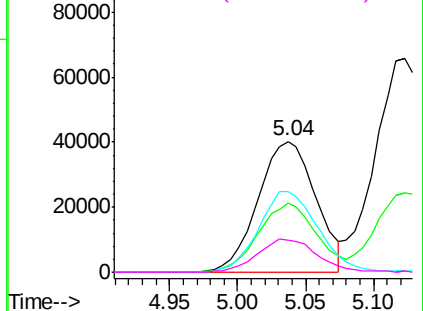
#41
Methacrylonitrile
Concen: 48.850 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX009233.D
Acq: 30 Apr 2019 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	118291
Ion	Ratio	Lower	Upper
41	100		
39	53.6	42.0	63.0
67	64.6	49.8	74.8
52	26.0	20.3	30.5

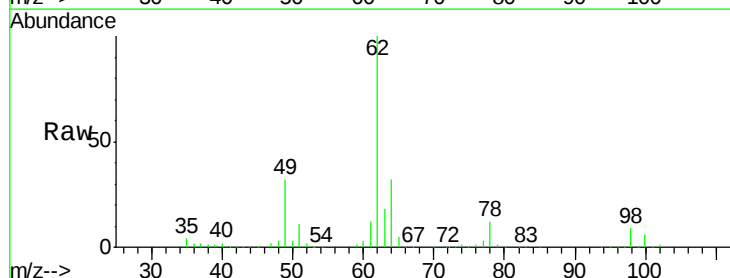


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

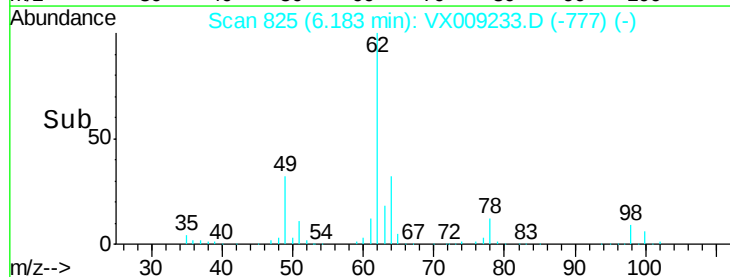
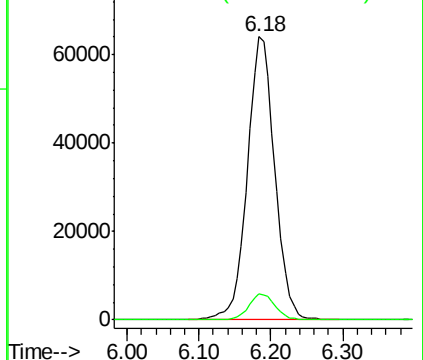


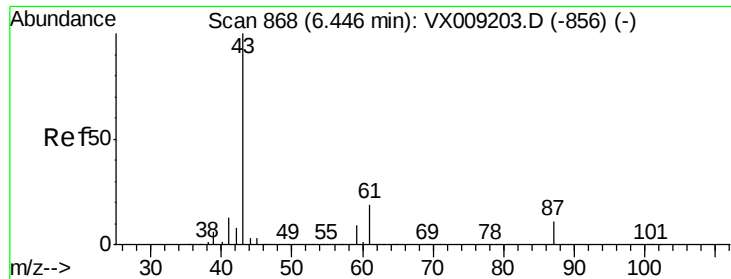
#42
1,2-Dichloroethane
Concen: 51.992 ug/l
RT: 6.18 min Scan# 825
Delta R.T. -0.01 min
Lab File: VX009233.D
Acq: 30 Apr 2019 09:53

Tgt Ion:	62	Resp:	168522
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



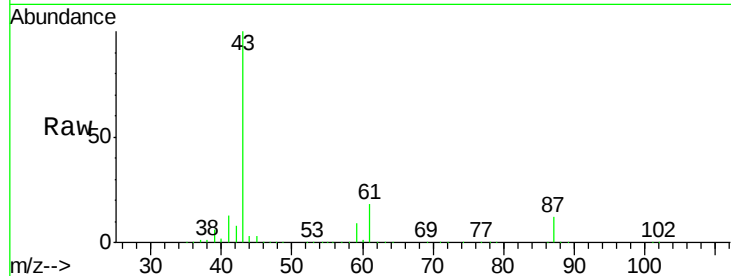


#43

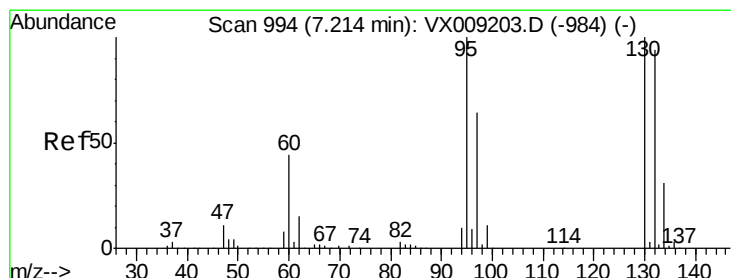
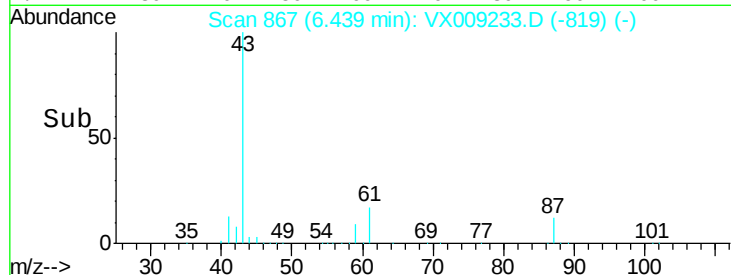
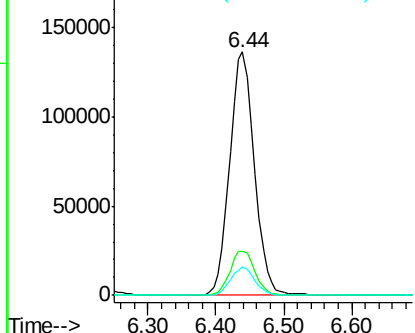
Isopropyl Acetate
 Concen: 52.466 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX009233.D
 Acq: 30 Apr 2019 09:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 341390
 Ion Ratio Lower Upper
 43 100
 61 18.8 15.1 22.7
 87 11.4 9.0 13.6



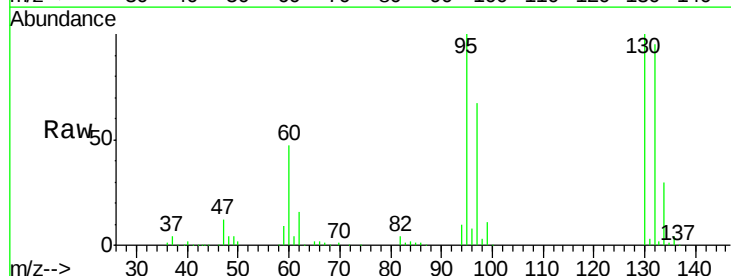
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



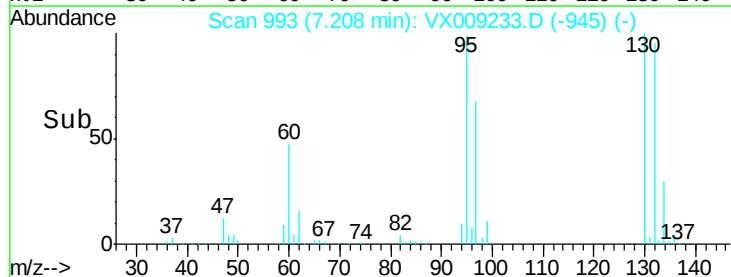
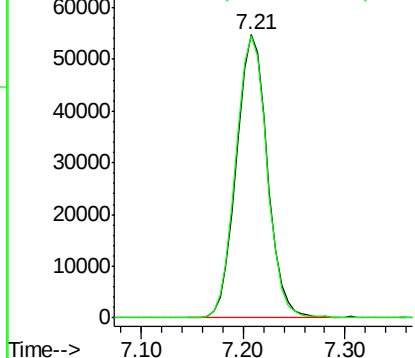
#44

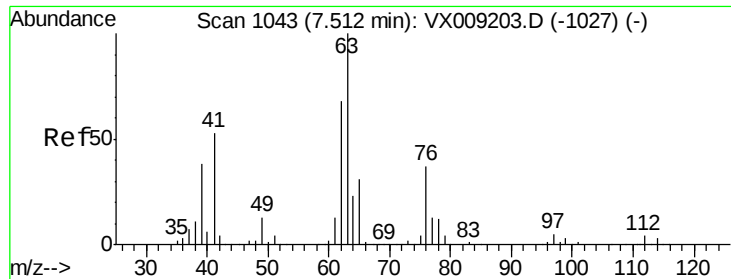
Trichloroethene
 Concen: 52.848 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX009233.D
 Acq: 30 Apr 2019 09:53

Tgt Ion:130 Resp: 115443
 Ion Ratio Lower Upper
 130 100
 95 99.6 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 53.050 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

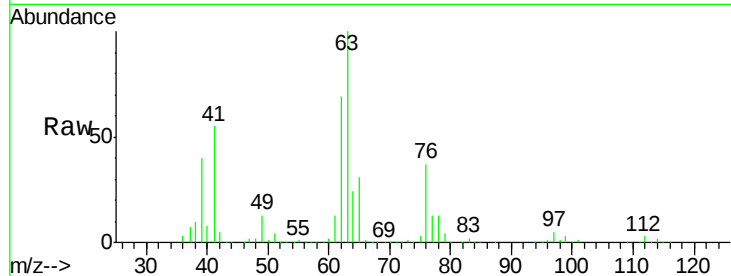
VSTDCCC050

Tot Ion: 63 Resp: 135732

Ion Ratio Lower Upper

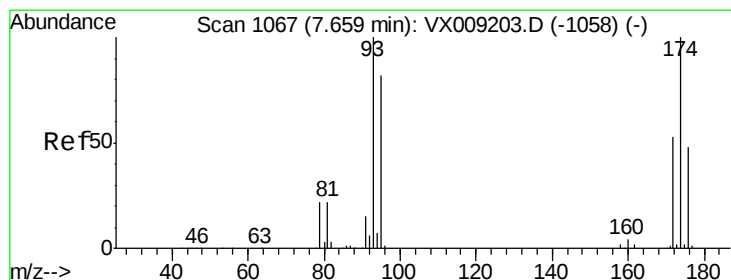
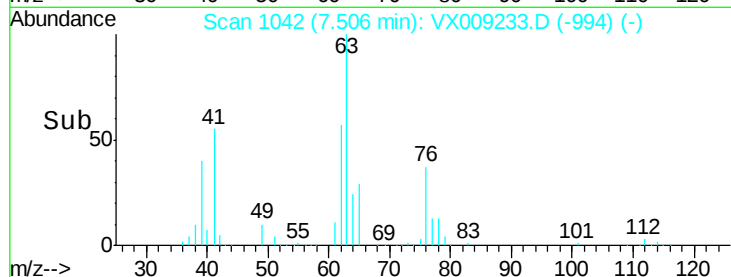
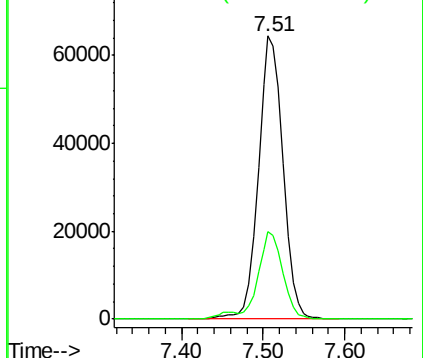
63 100

65 30.7 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.593 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

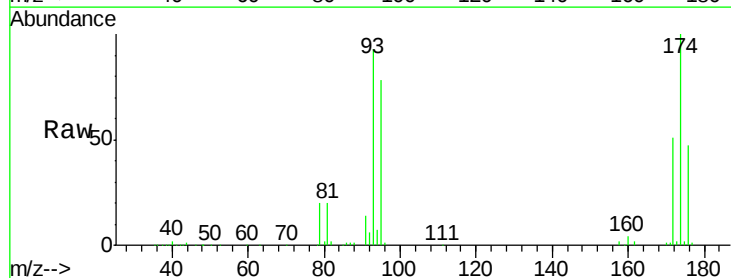
Tgt Ion: 93 Resp: 76655

Ion Ratio Lower Upper

93 100

95 83.9 66.5 99.7

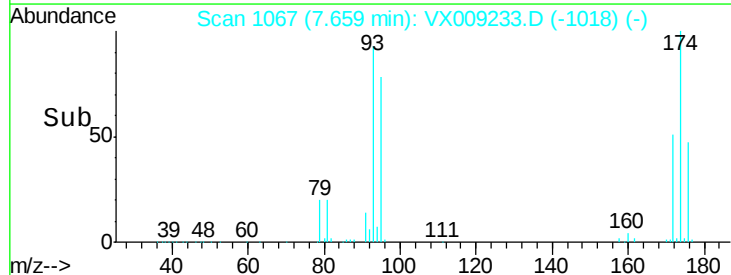
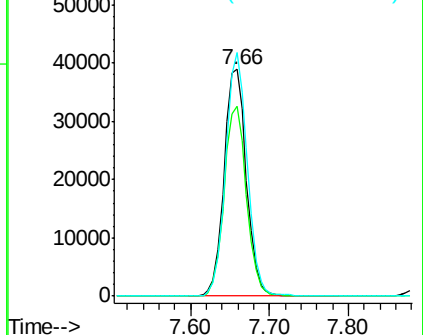
174 104.0 82.1 123.1

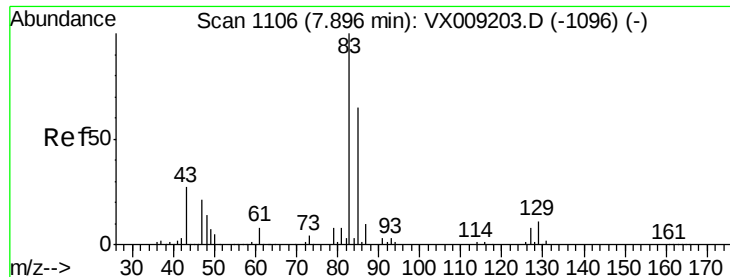


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.859 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

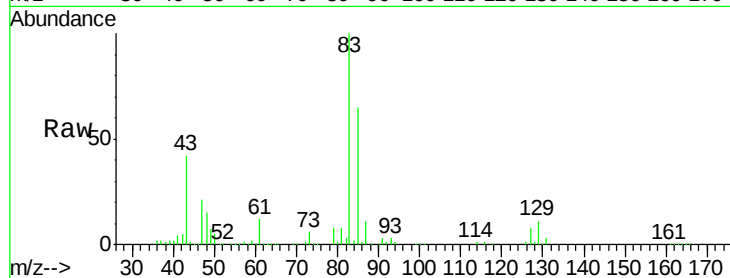
Tot Ion: 83 Resp: 156660

Ion Ratio Lower Upper

83 100

85 64.7 52.4 78.6

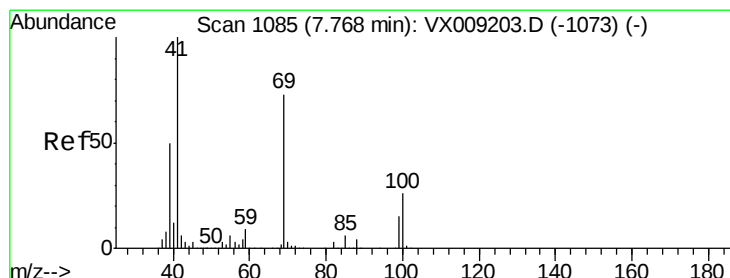
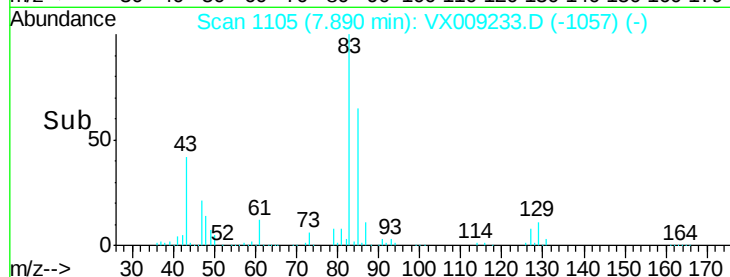
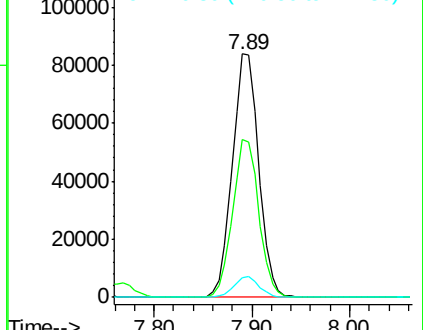
127 8.2 6.6 10.0



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: 52.964 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

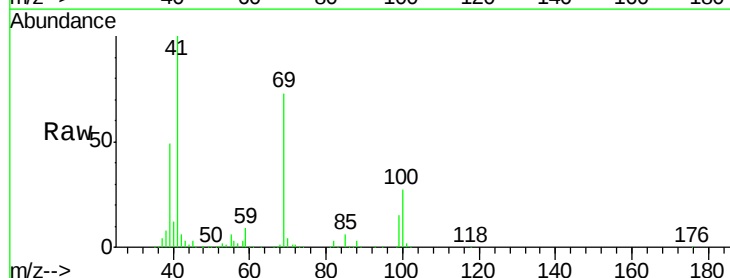
Tgt Ion: 41 Resp: 170979

Ion Ratio Lower Upper

41 100

69 73.6 59.1 88.7

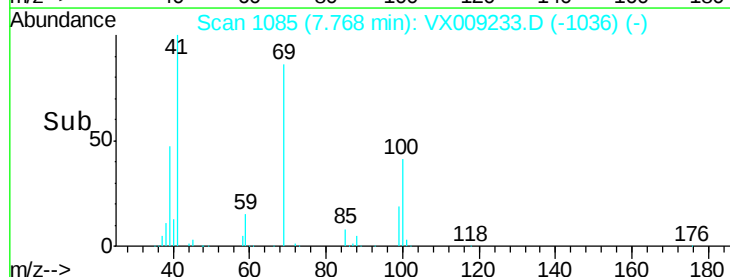
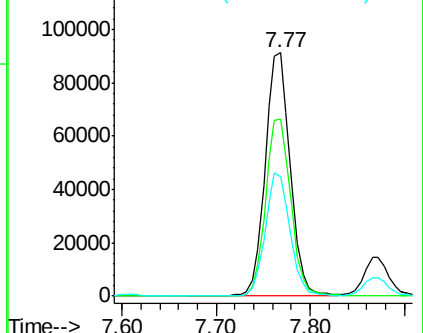
39 49.6 40.4 60.6

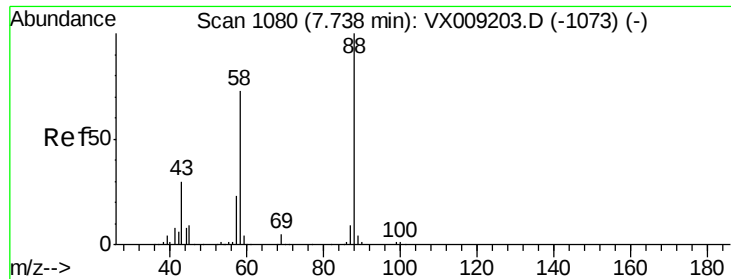


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

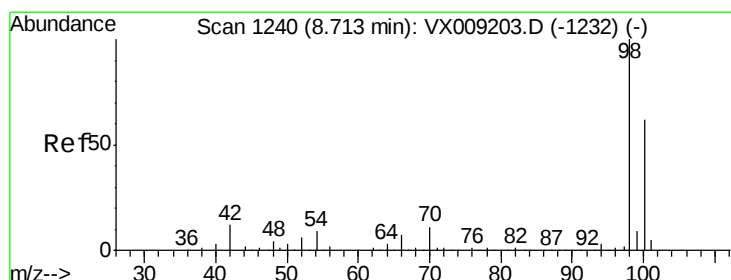
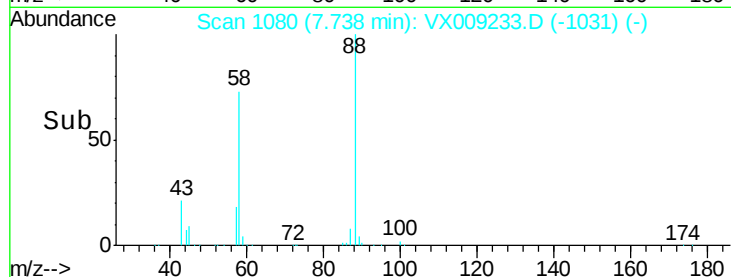
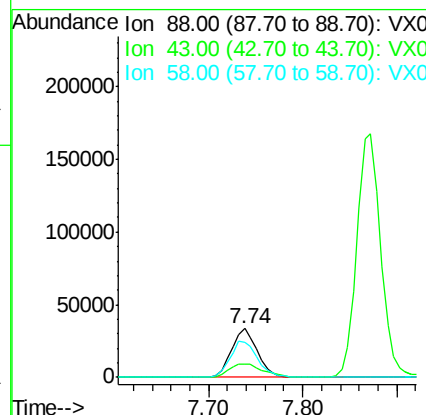
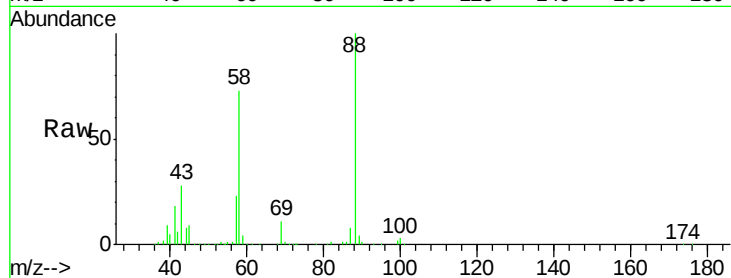




#49
1,4-Dioxane
Concen: 974.816 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009233.D
Acq: 30 Apr 2019 09:53

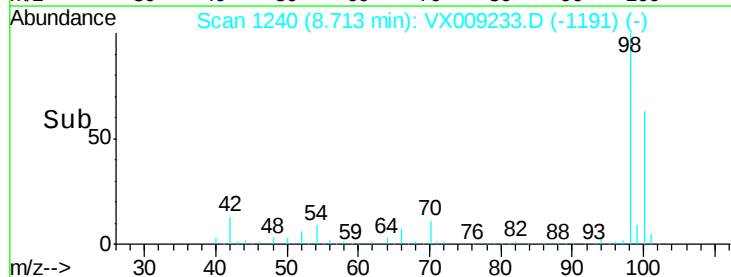
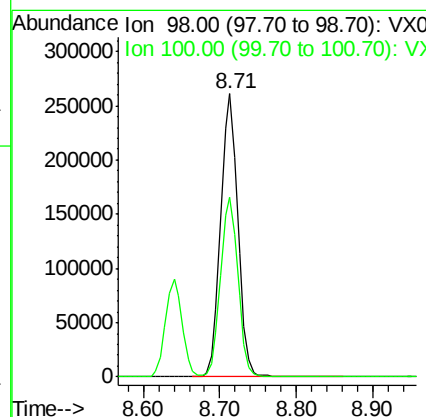
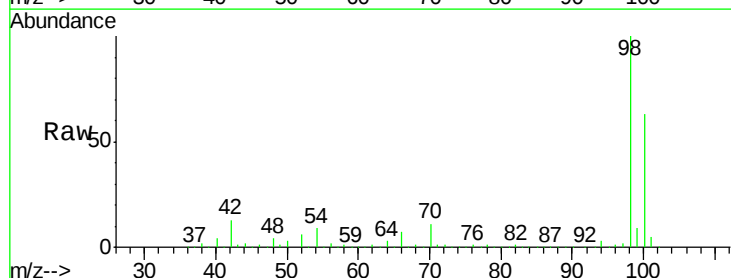
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

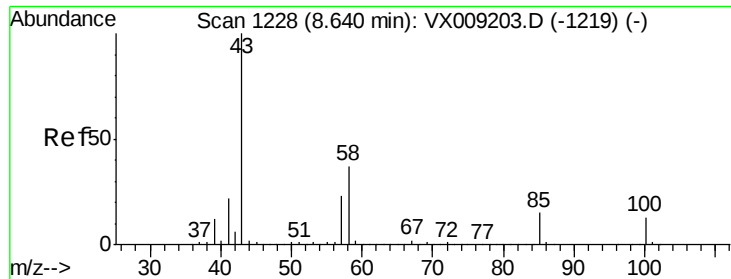
Tot Ion: 88 Resp: 63819
Ion Ratio Lower Upper
88 100
43 35.8 28.6 42.8
58 79.5 61.7 92.5



#50
Toluene-d8
Concen: 51.090 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009233.D
Acq: 30 Apr 2019 09:53

Tgt Ion: 98 Resp: 407375
Ion Ratio Lower Upper
98 100
100 64.4 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 259.871 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

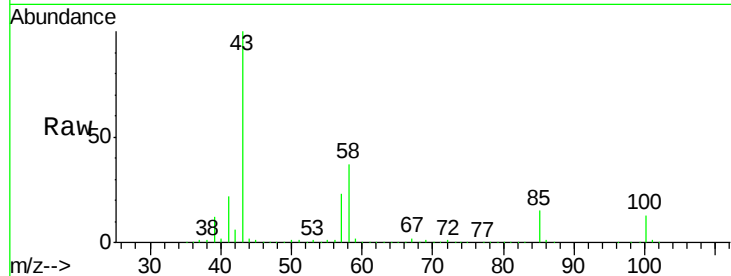
VSTDCCC050

Tot Ion: 43 Resp: 1105237

Ion Ratio Lower Upper

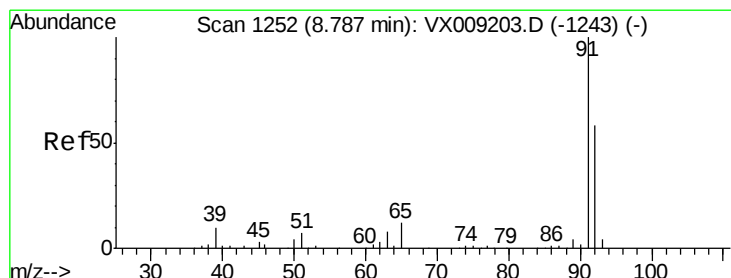
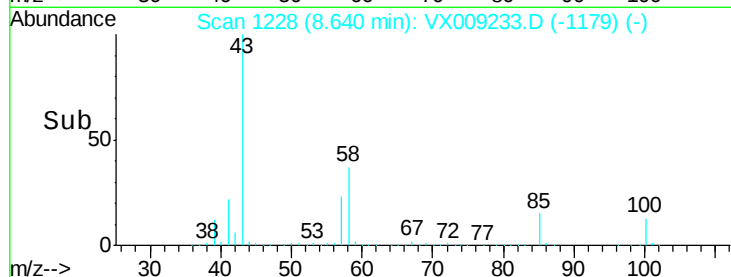
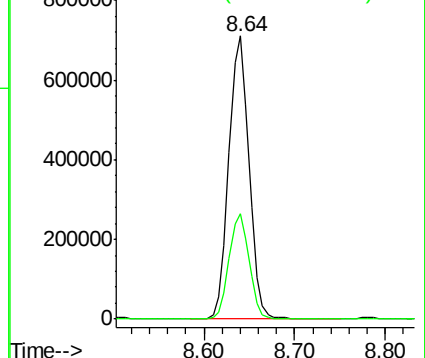
43 100

58 36.9 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.701 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009233.D

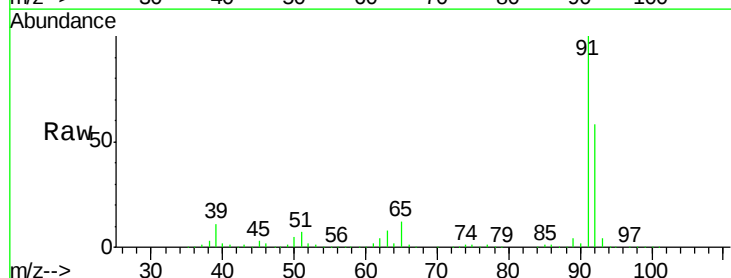
Acq: 30 Apr 2019 09:53

Tgt Ion: 92 Resp: 289466

Ion Ratio Lower Upper

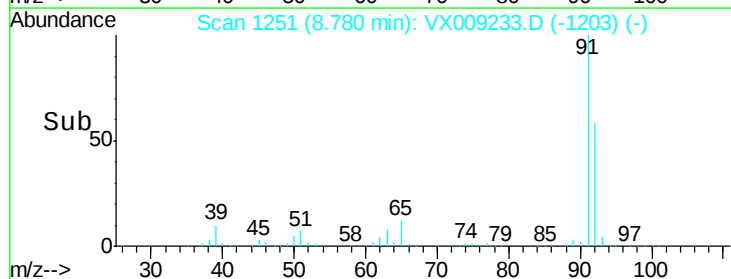
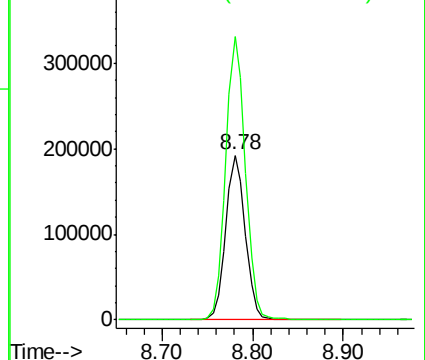
92 100

91 173.6 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 55.218 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

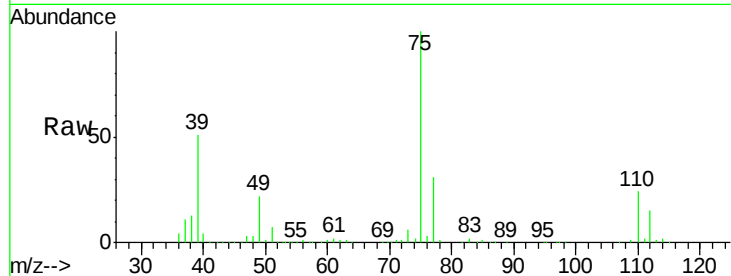
VSTDCCC050

Tot Ion: 75 Resp: 184766

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

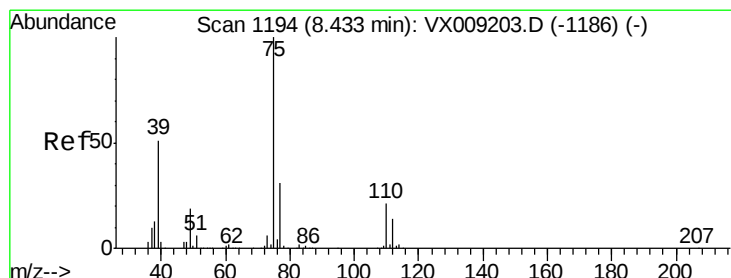
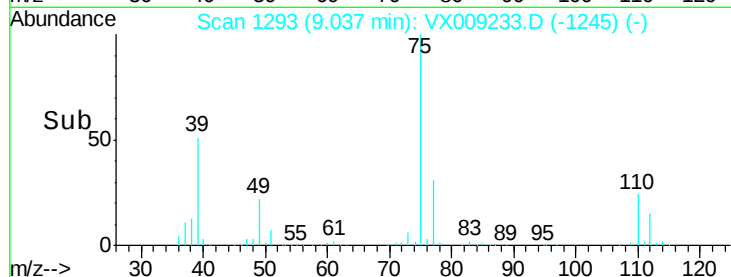
150000

100000

50000

0

Time--> 8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 55.074 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

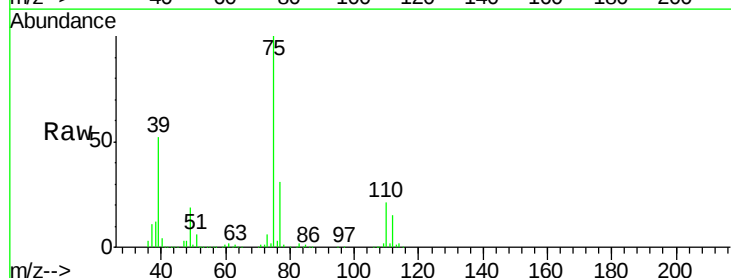
Tgt Ion: 75 Resp: 203974

Ion Ratio Lower Upper

75 100

77 30.6 24.6 36.8

39 52.0 40.6 60.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

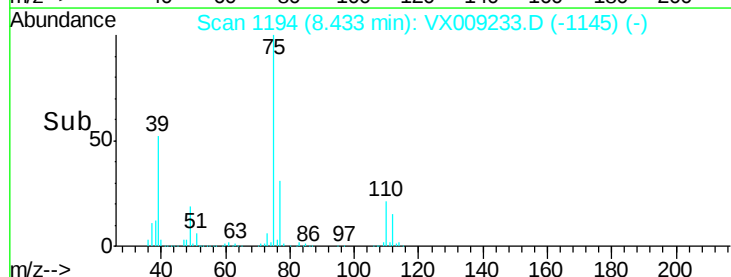
150000

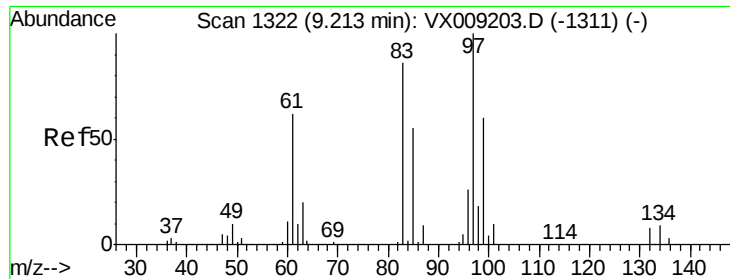
100000

50000

0

Time--> 8.40 8.50





#55

1,1,2-Trichloroethane

Concen: 52.248 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 117079

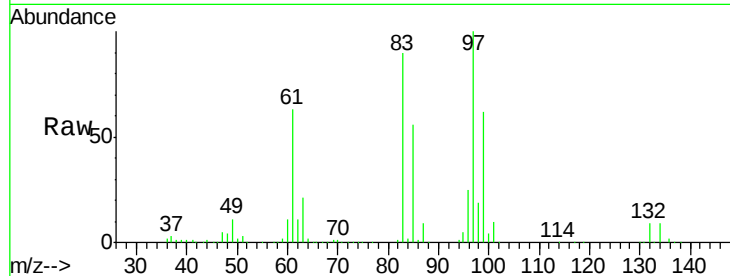
Ion Ratio Lower Upper

97 100

83 89.5 68.9 103.3

85 56.2 43.8 65.6

99 61.6 48.2 72.2

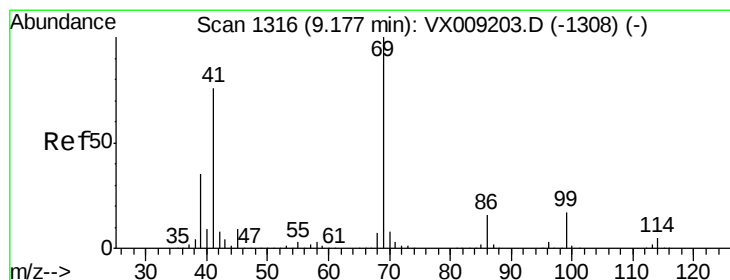
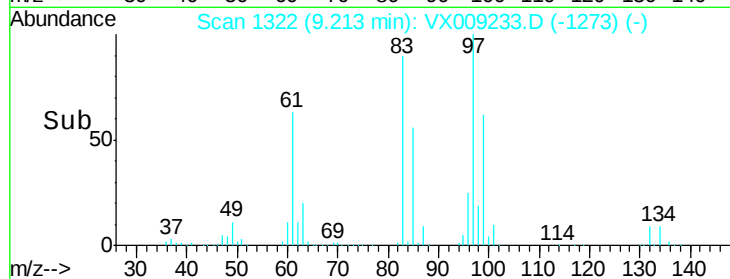
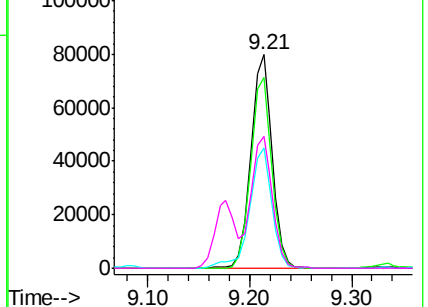


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 54.034 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

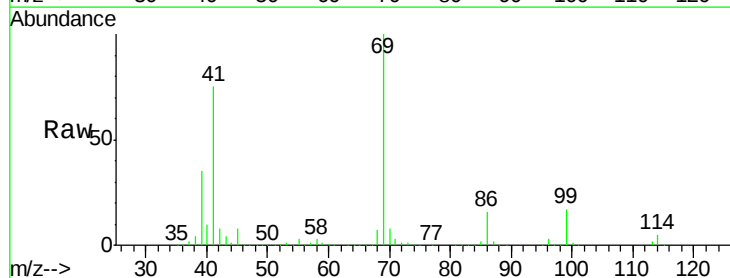
Tgt Ion: 69 Resp: 216135

Ion Ratio Lower Upper

69 100

41 75.9 60.6 90.8

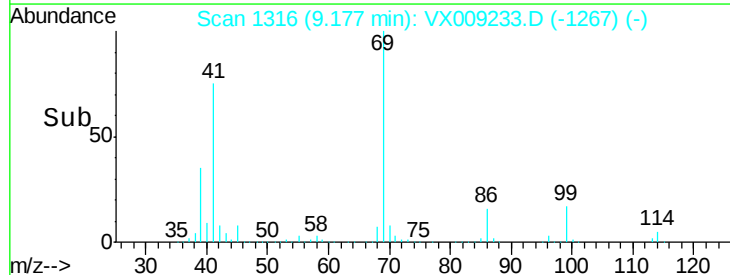
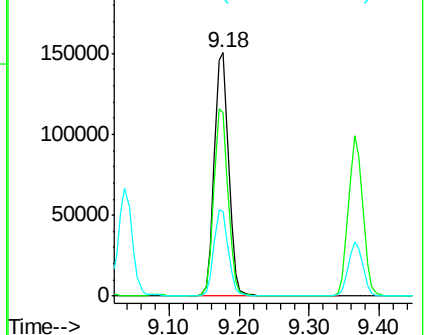
39 35.2 28.2 42.4

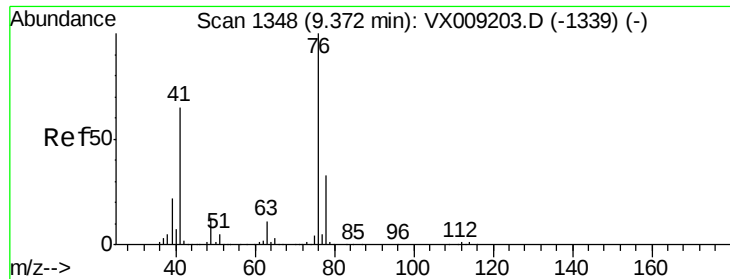


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 52.581 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

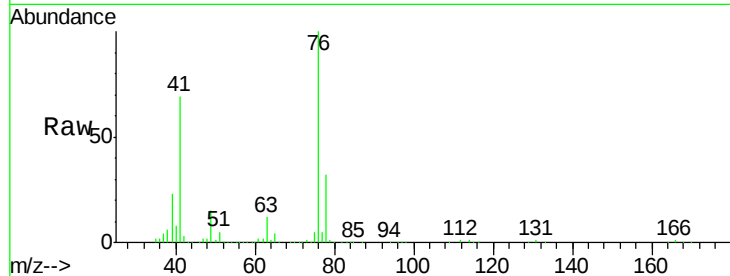
VSTDCCC050

Tot Ion: 76 Resp: 207342

Ion Ratio Lower Upper

76 100

78 32.1 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

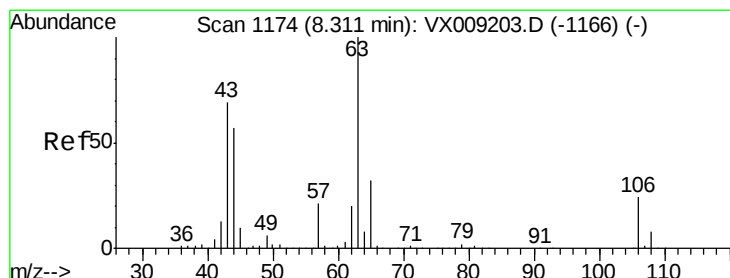
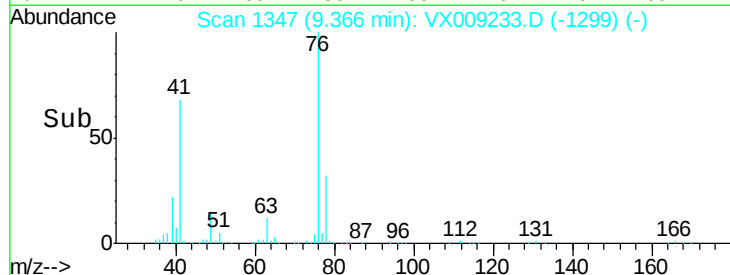
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 261.425 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX009233.D

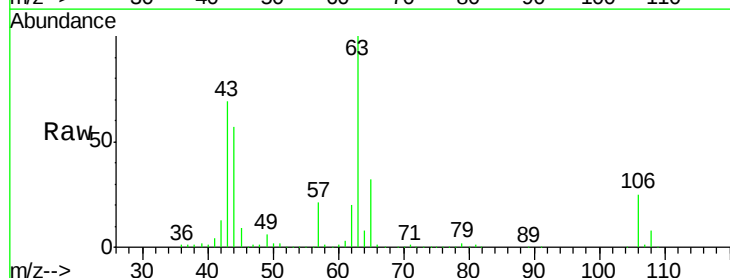
Acq: 30 Apr 2019 09:53

Tgt Ion: 63 Resp: 554742

Ion Ratio Lower Upper

63 100

106 24.4 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

400000

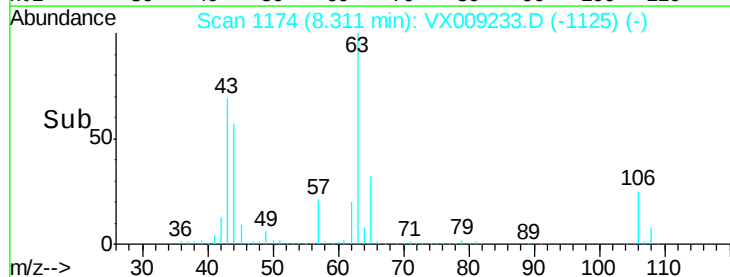
300000

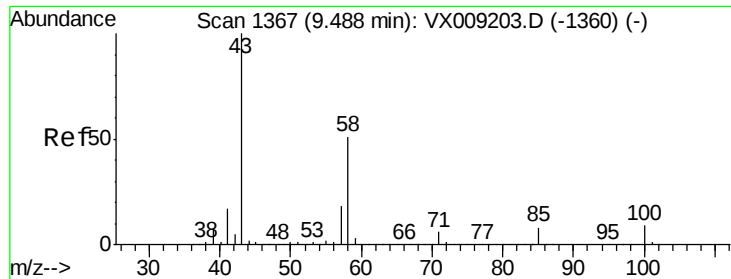
200000

100000

0

Time-->

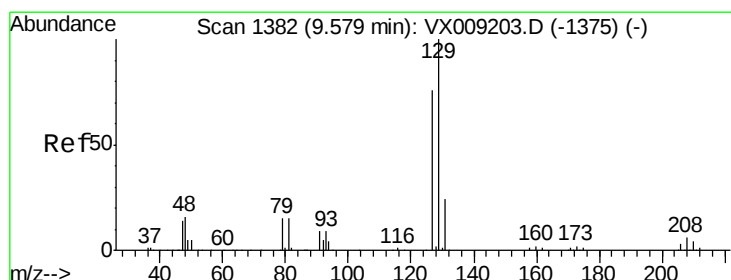
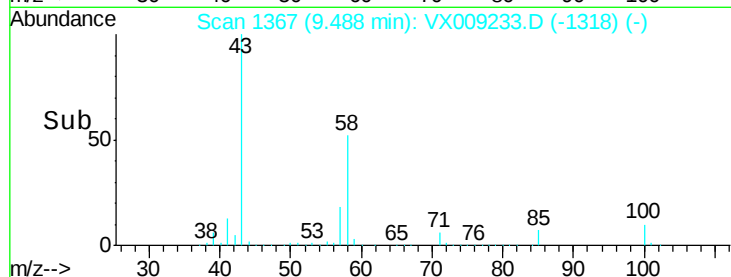
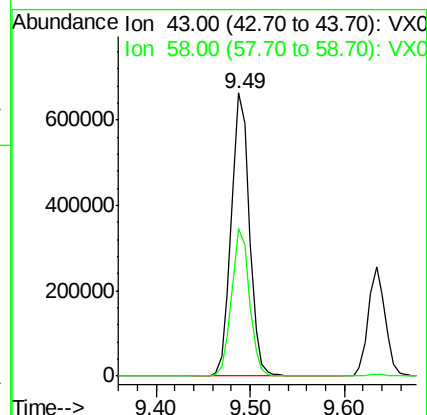
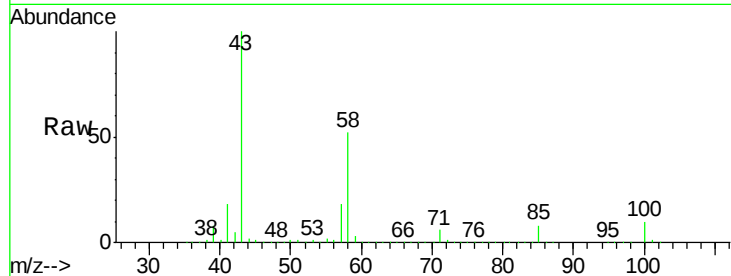




#59
2-Hexanone
Concen: 266.564 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009233.D
Acq: 30 Apr 2019 09:53

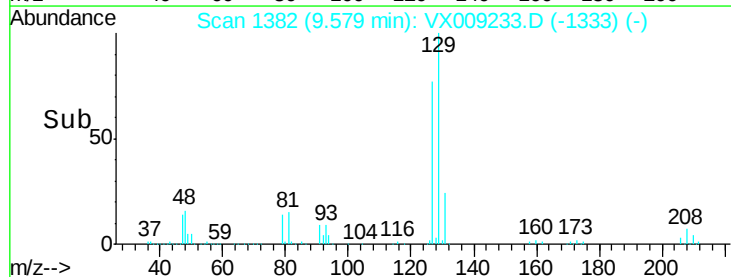
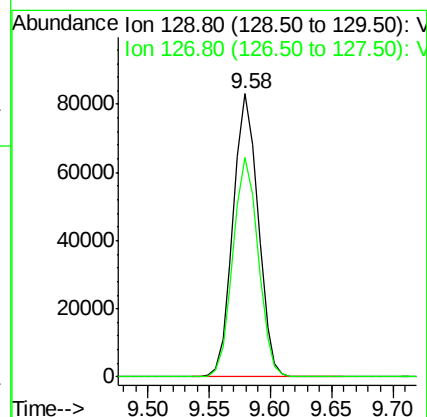
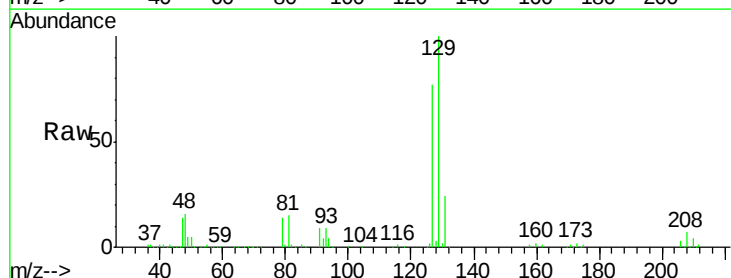
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

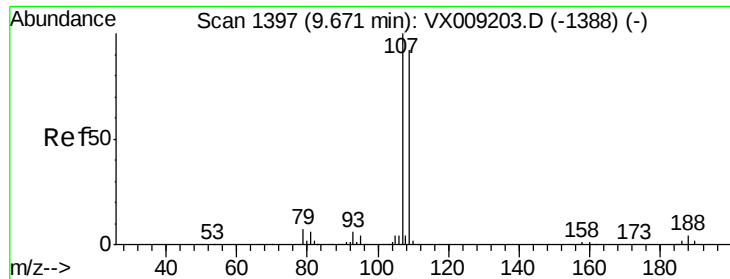
Tot Ion: 43 Resp: 890398
Ion Ratio Lower Upper
43 100
58 51.4 25.9 77.7



#60
Dibromochloromethane
Concen: 53.829 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009233.D
Acq: 30 Apr 2019 09:53

Tgt Ion:129 Resp: 117810
Ion Ratio Lower Upper
129 100
127 77.8 38.4 115.1





#61

1,2-Dibromoethane

Concen: 52.531 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

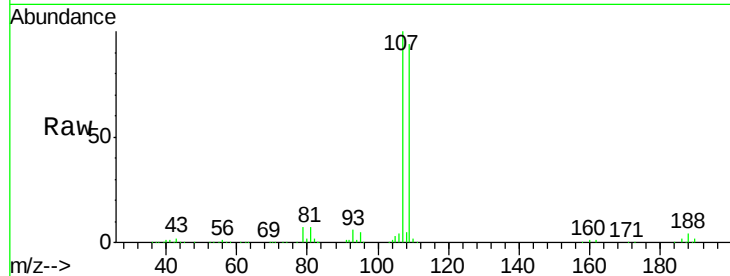
VSTDCCC050

Tot Ion:107 Resp: 118824

Ion Ratio Lower Upper

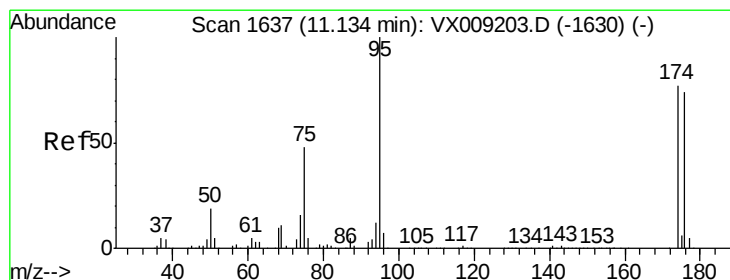
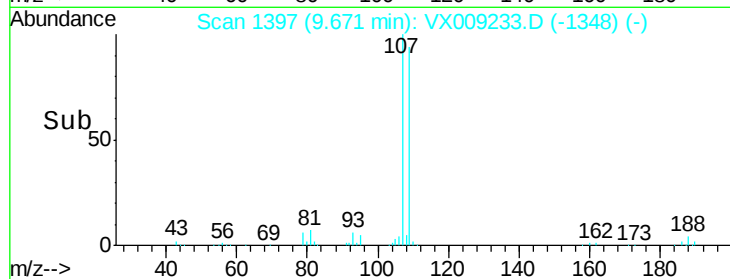
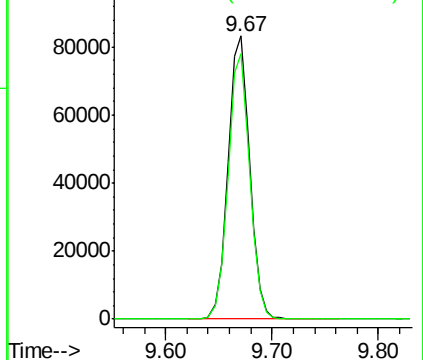
107 100

109 93.9 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.154 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

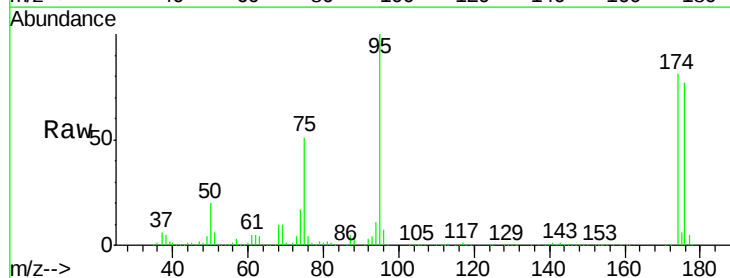
Tgt Ion: 95 Resp: 148209

Ion Ratio Lower Upper

95 100

174 82.1 0.0 161.6

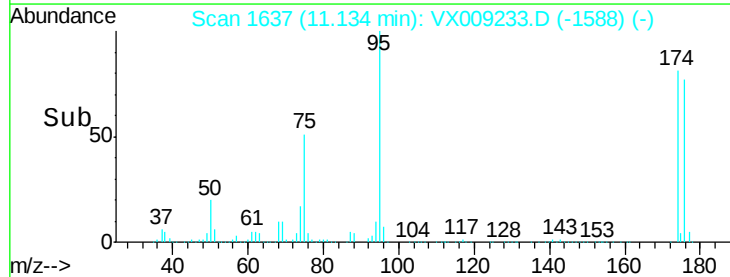
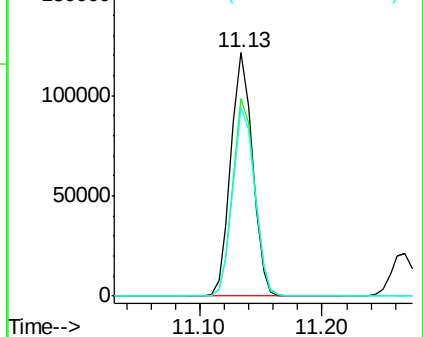
176 79.1 0.0 159.2

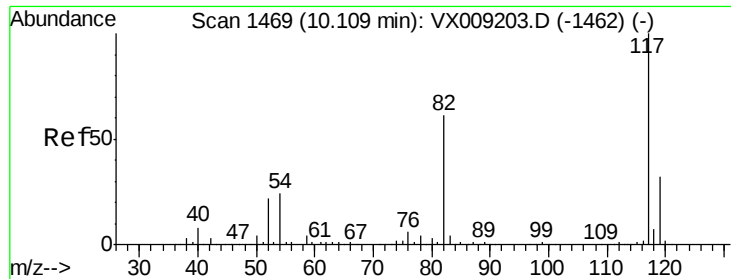


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

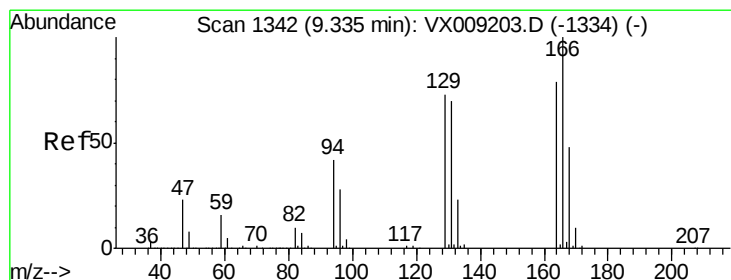
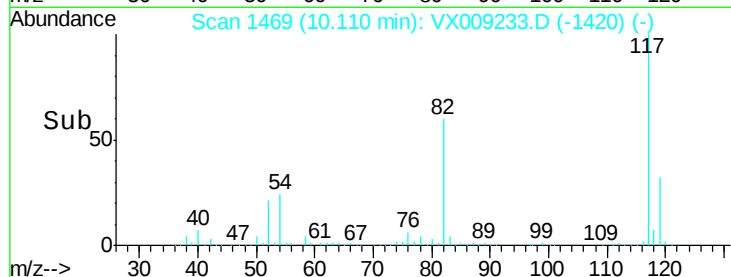
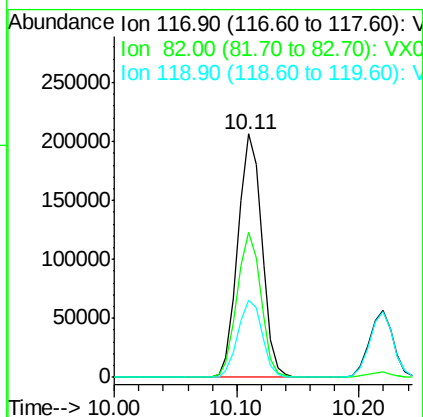
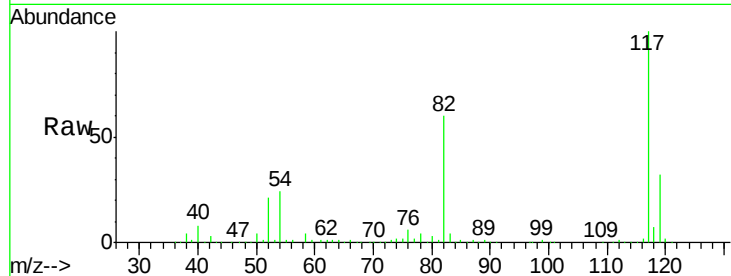




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009233.D
Acq: 30 Apr 2019 09:53

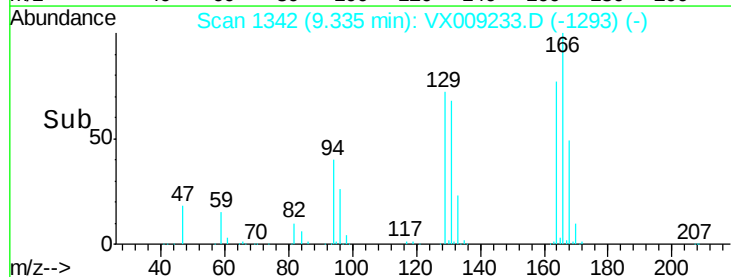
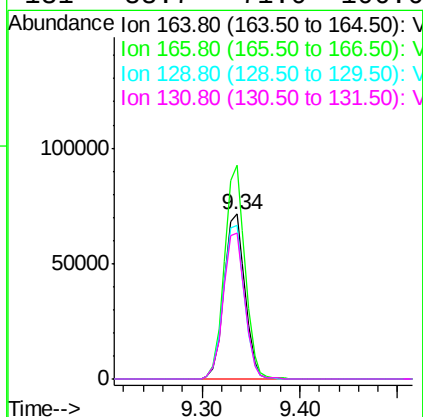
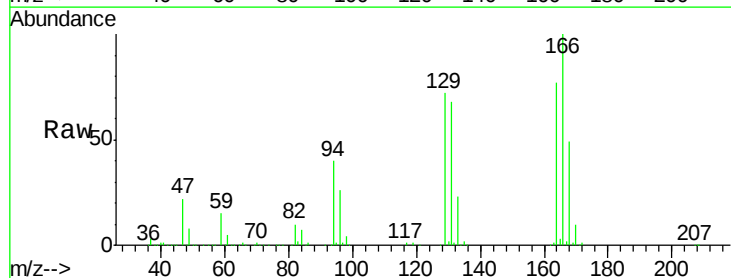
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

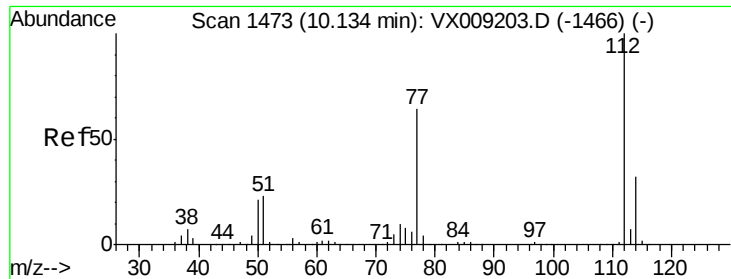
Tot Ion:117 Resp: 279444
Ion Ratio Lower Upper
117 100
82 59.7 48.8 73.2
119 31.6 25.8 38.6



#64
Tetrachloroethene
Concen: 55.147 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009233.D
Acq: 30 Apr 2019 09:53

Tgt Ion:164 Resp: 105709
Ion Ratio Lower Upper
164 100
166 129.7 101.2 151.8
129 93.1 74.3 111.5
131 88.7 71.0 106.6

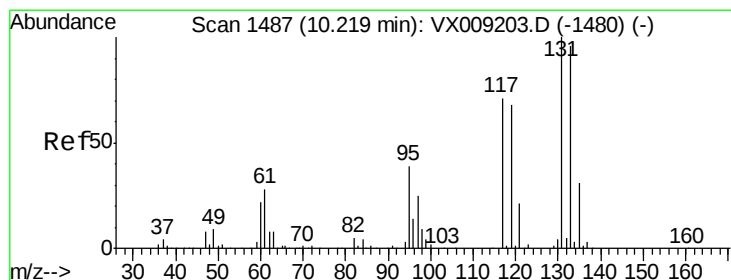
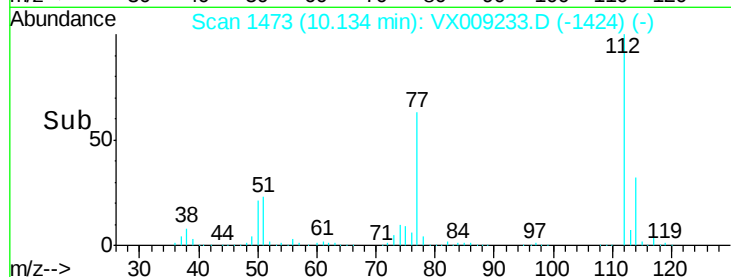
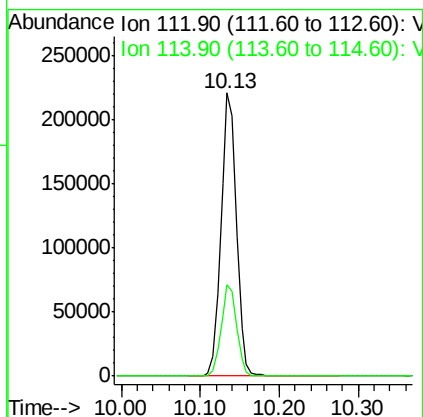
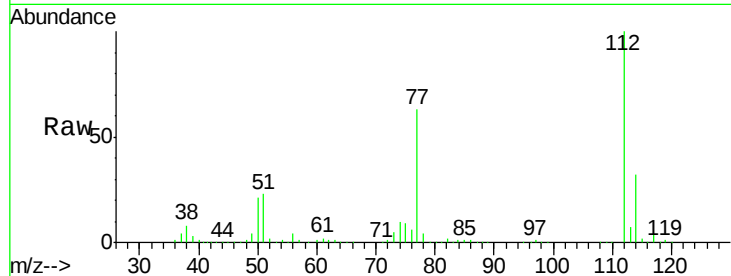




#65
Chlorobenzene
Concen: 53.758 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009233.D
Acq: 30 Apr 2019 09:53

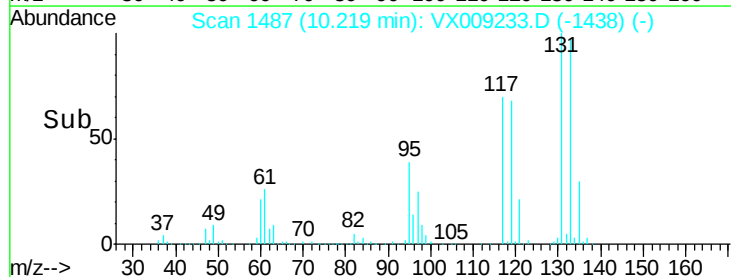
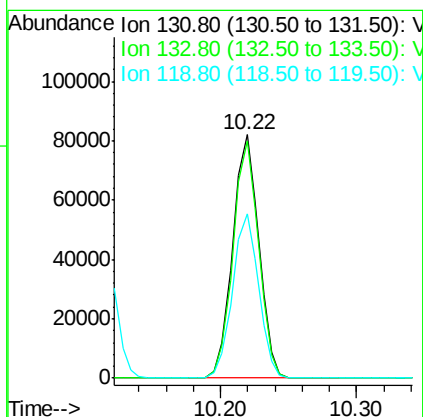
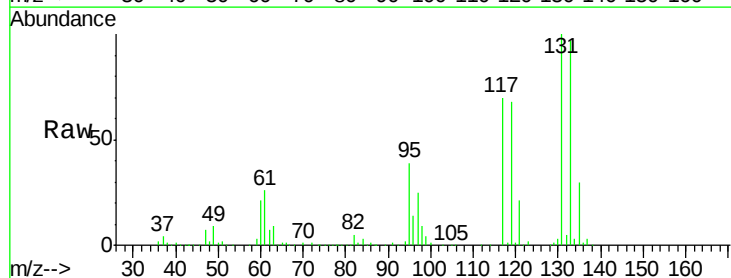
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

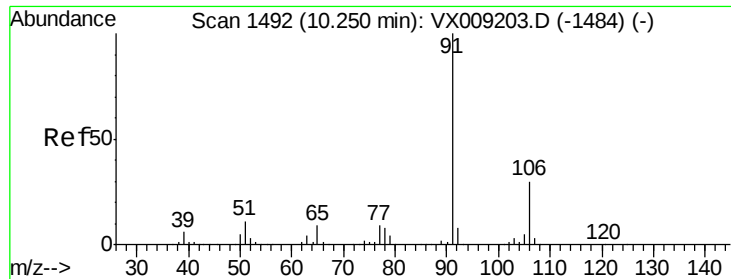
Tot Ion:112 Resp: 300512
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 54.211 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009233.D
Acq: 30 Apr 2019 09:53

Tgt Ion:131 Resp: 109867
Ion Ratio Lower Upper
131 100
133 95.3 47.7 143.1
119 67.4 33.5 100.4





#67

Ethyl Benzene

Concen: 55.015 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

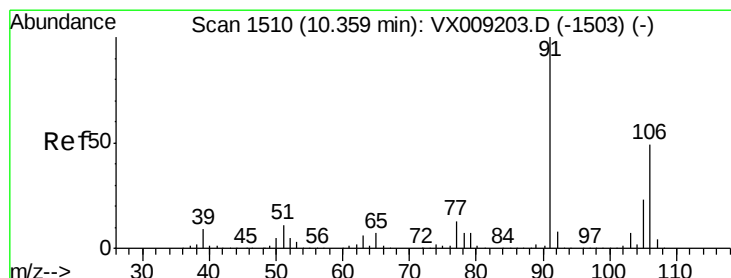
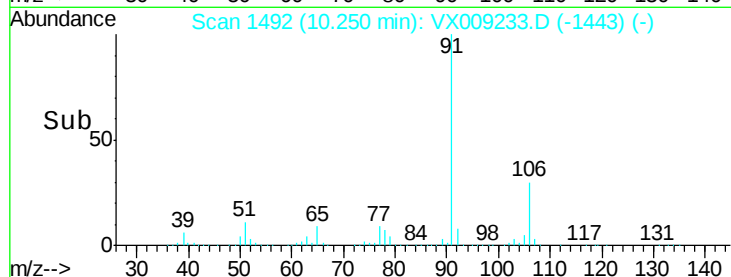
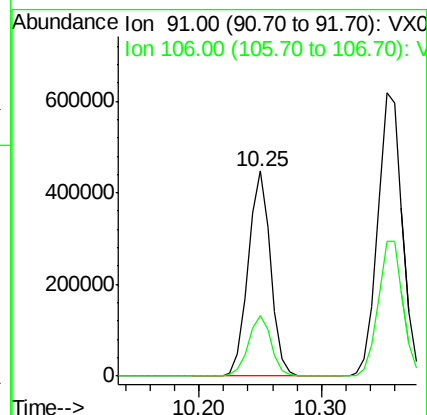
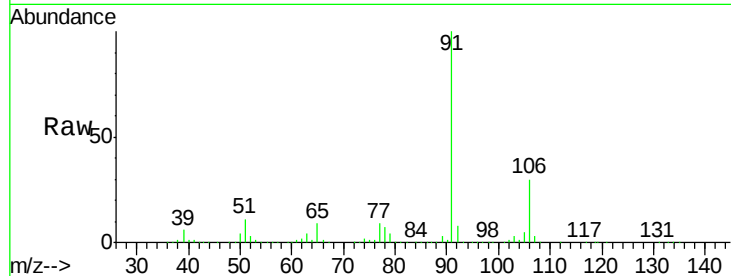
VSTDCCC050

Tot Ion: 91 Resp: 565997

Ion Ratio Lower Upper

91 100

106 29.9 24.0 36.0



#68

m/p-Xylenes

Concen: 110.130 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX009233.D

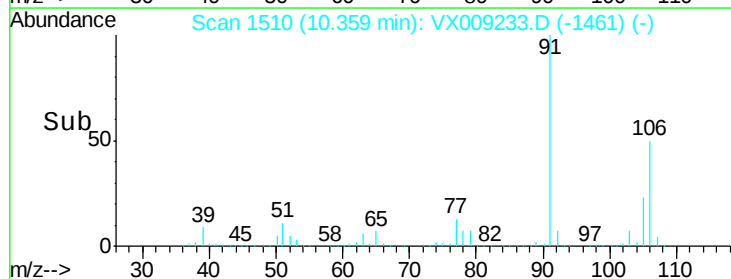
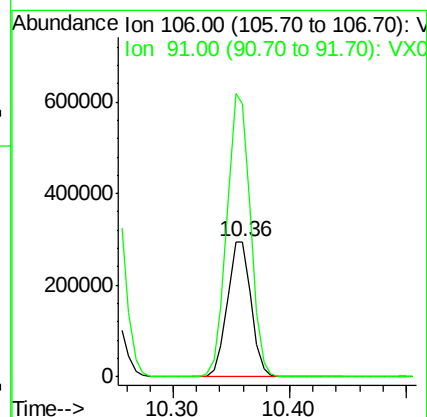
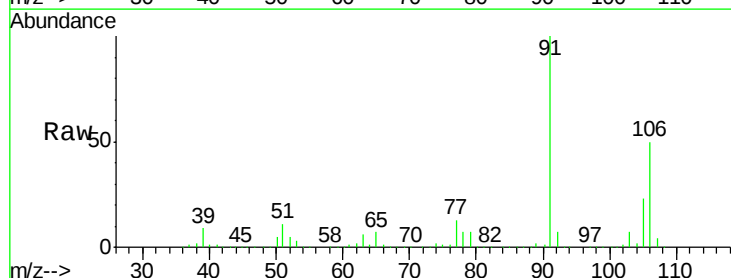
Acq: 30 Apr 2019 09:53

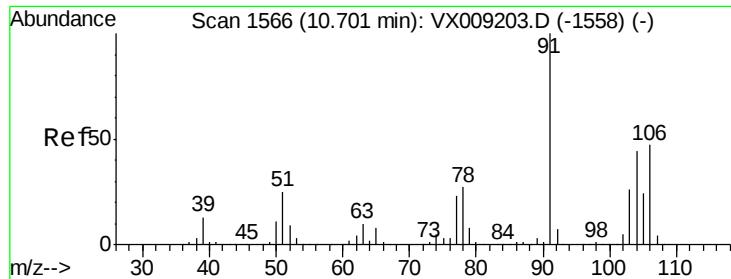
Tgt Ion: 106 Resp: 414040

Ion Ratio Lower Upper

106 100

91 207.7 164.0 246.0

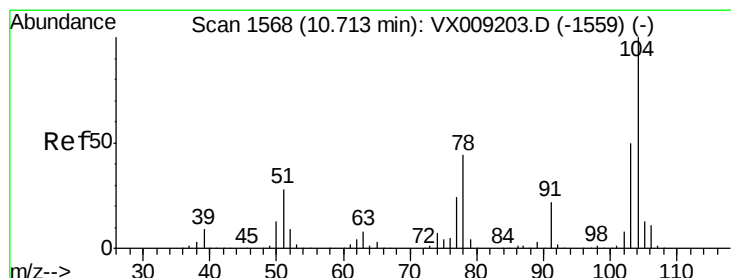
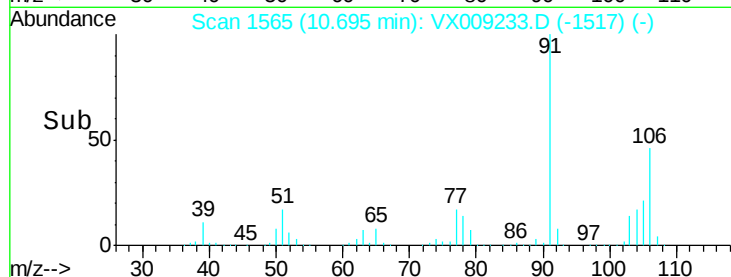
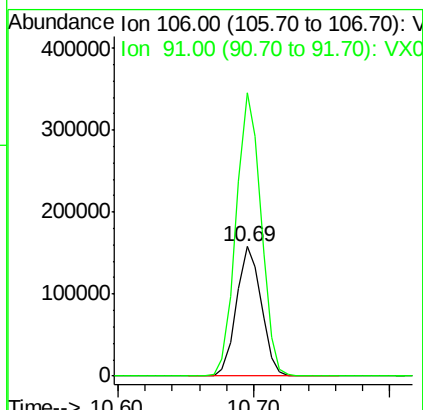
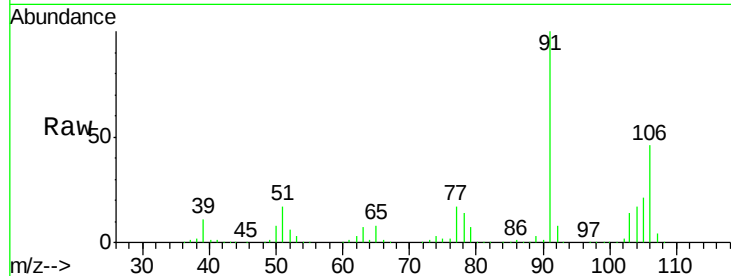




#69
o-Xylene
Concen: 54.173 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009233.D
Acq: 30 Apr 2019 09:53

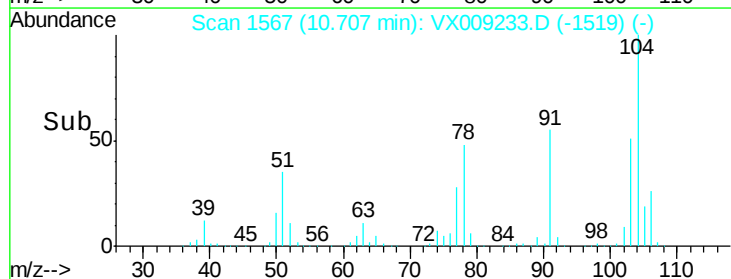
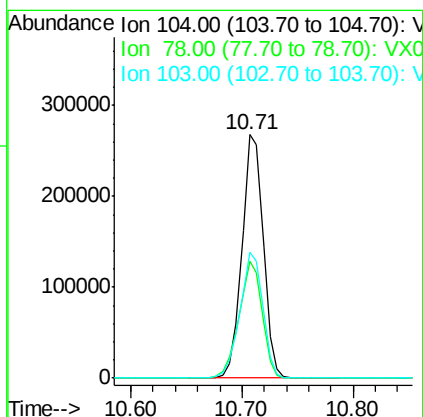
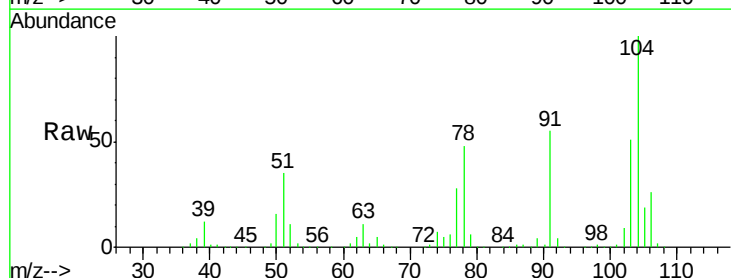
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

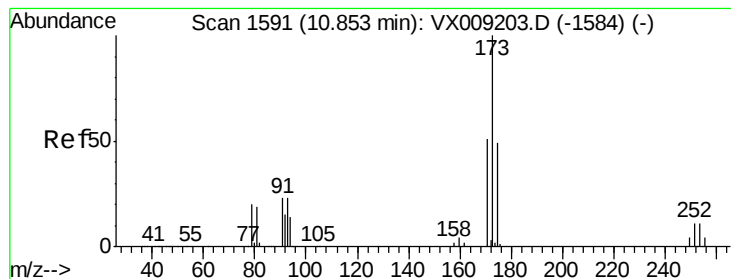
Tot Ion:106 Resp: 200949
Ion Ratio Lower Upper
106 100
91 219.4 109.5 328.4



#70
Styrene
Concen: 55.121 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009233.D
Acq: 30 Apr 2019 09:53

Tgt Ion:104 Resp: 355374
Ion Ratio Lower Upper
104 100
78 52.0 41.0 61.4
103 55.4 43.8 65.6





#71

Bromoform

Concen: 54.181 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

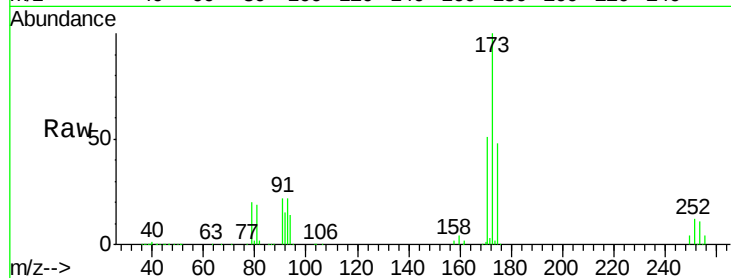
Tot Ion:173 Resp: 89234

Ion Ratio Lower Upper

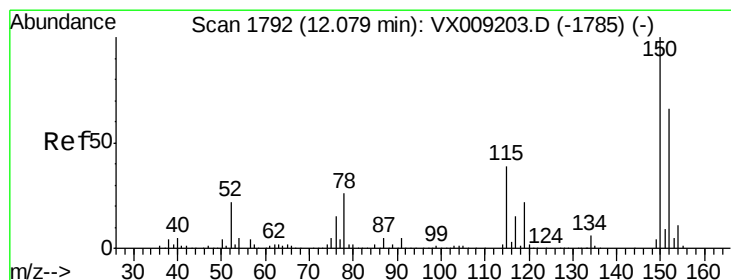
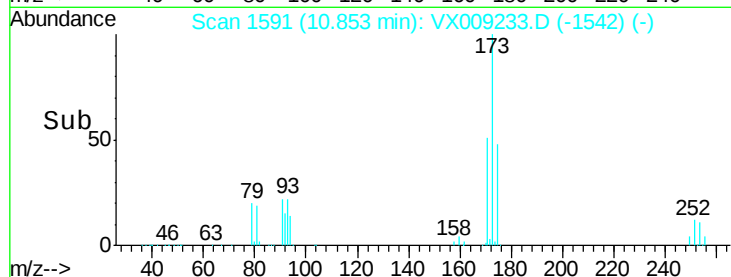
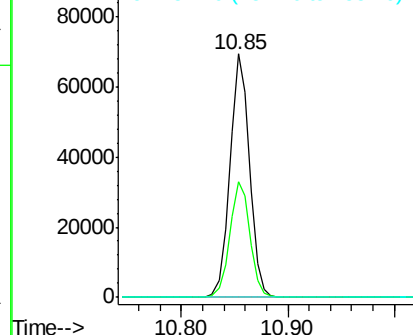
173 100

175 48.5 24.5 73.5

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: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

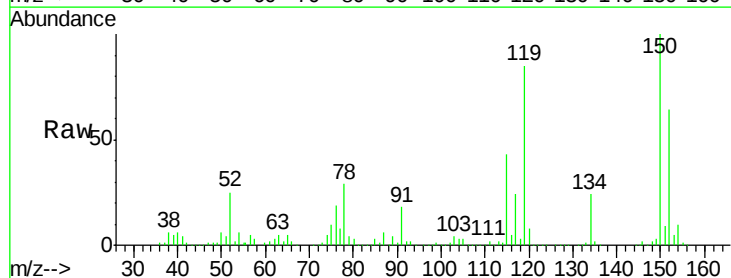
Tgt Ion:152 Resp: 140303

Ion Ratio Lower Upper

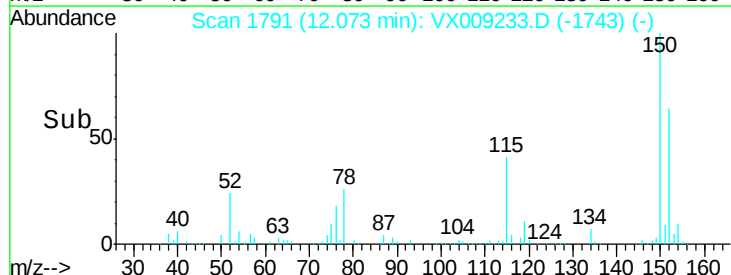
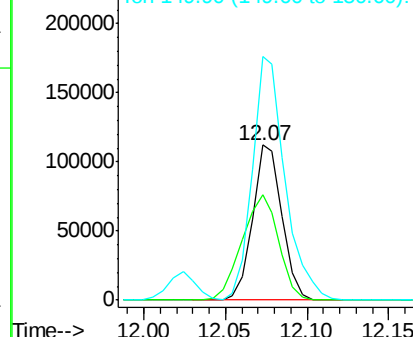
152 100

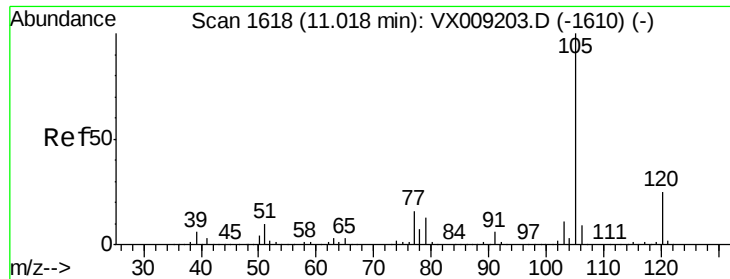
115 84.4 41.2 123.6

150 175.0 0.0 346.4



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: 53.316 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

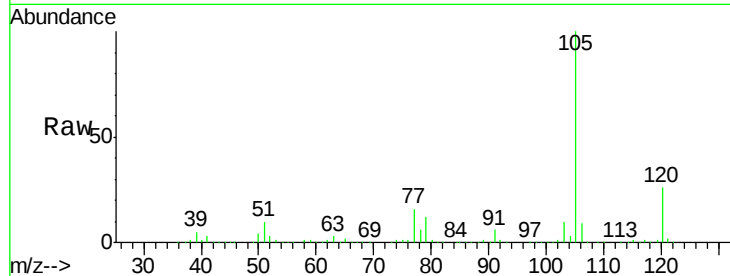
VSTDCCC050

Tot Ion:105 Resp: 543967

Ion Ratio Lower Upper

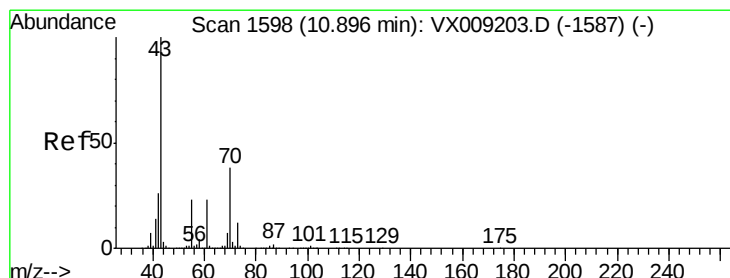
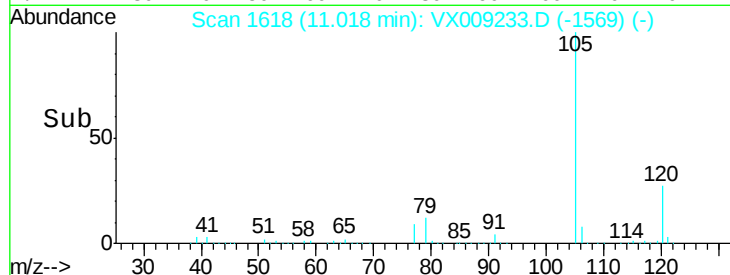
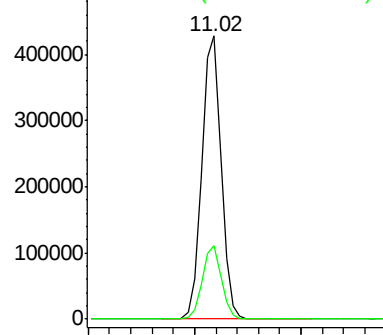
105 100

120 25.7 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.343 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

Tgt Ion: 43 Resp: 317299

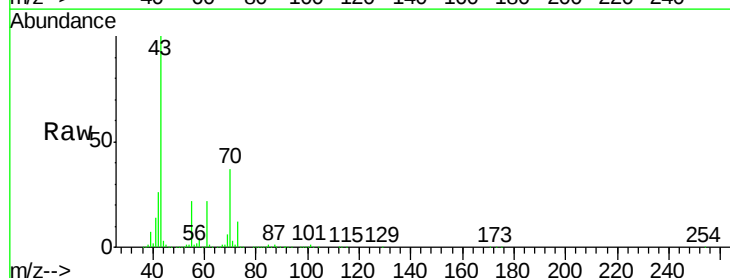
Ion Ratio Lower Upper

43 100

70 36.8 30.0 45.0

55 22.4 17.9 26.9

61 22.2 18.4 27.6

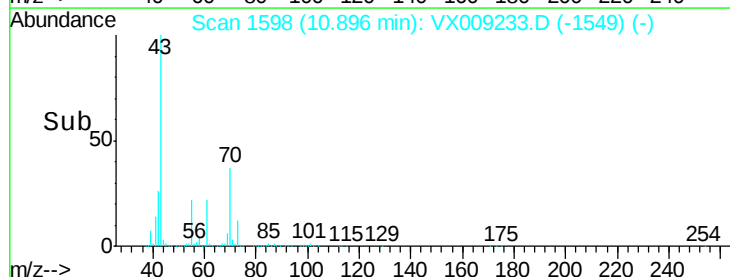
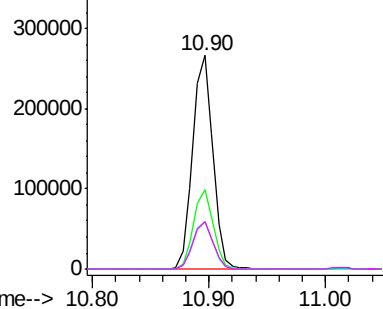


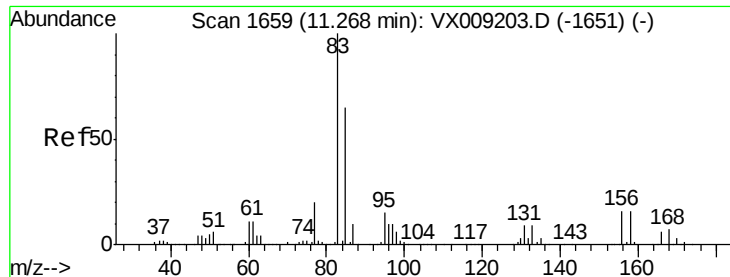
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.834 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

Instrument :

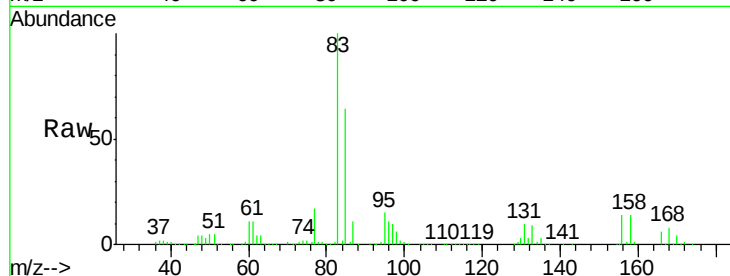
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 189537

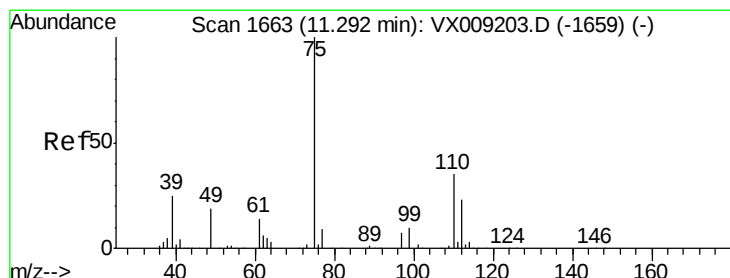
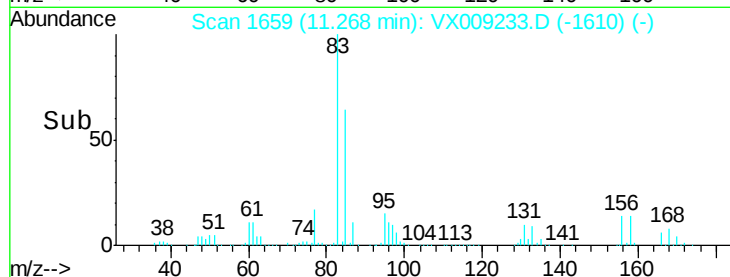
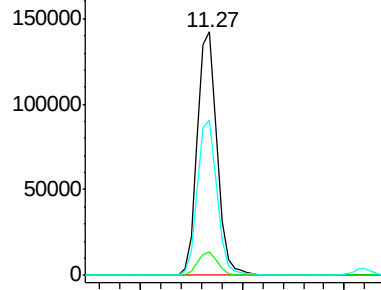
Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.6	13.8
85	63.8	32.0	96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 71.175 ug/l

RT: 11.29 min Scan# 1663

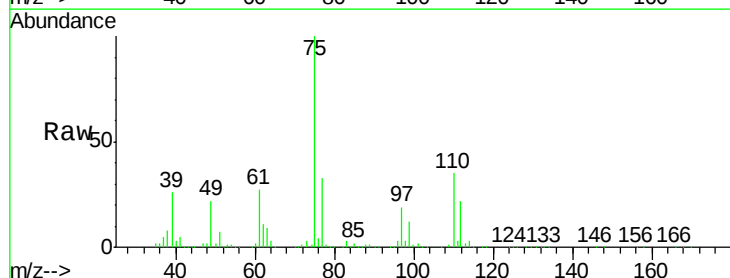
Delta R.T. 0.00 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

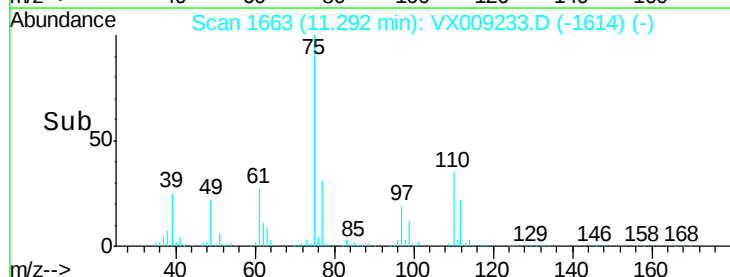
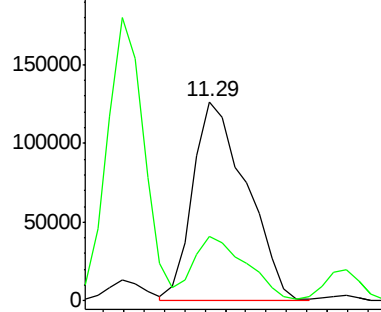
Tgt Ion: 75 Resp: 231640

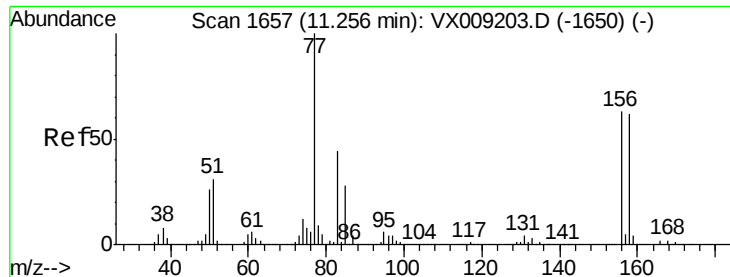
Ion	Ratio	Lower	Upper
75	100		
77	32.1	22.1	66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.320 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

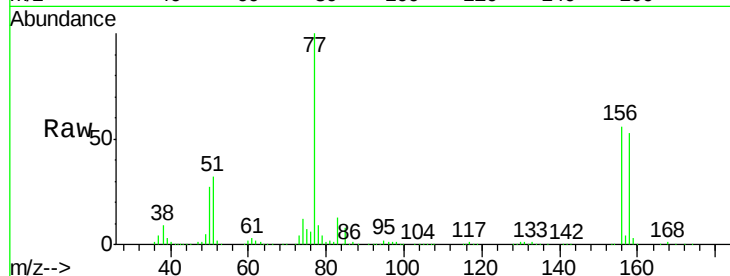
Tot Ion:156 Resp: 132492

Ion Ratio Lower Upper

156 100

77 171.2 84.8 254.3

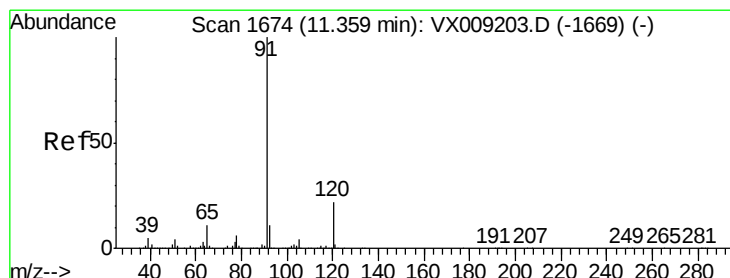
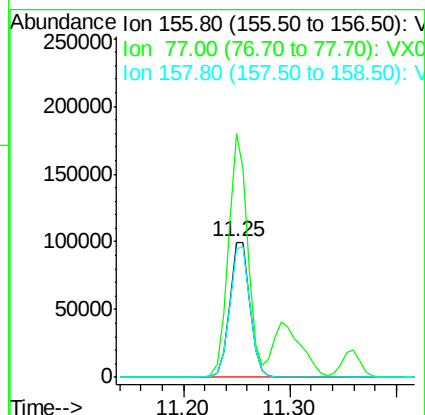
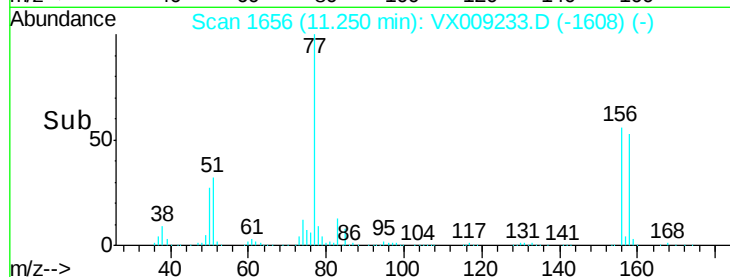
158 97.0 49.1 147.3



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: 54.989 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009233.D

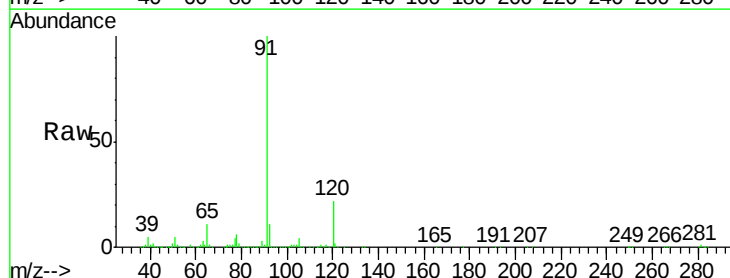
Acq: 30 Apr 2019 09:53

Tgt Ion: 91 Resp: 640732

Ion Ratio Lower Upper

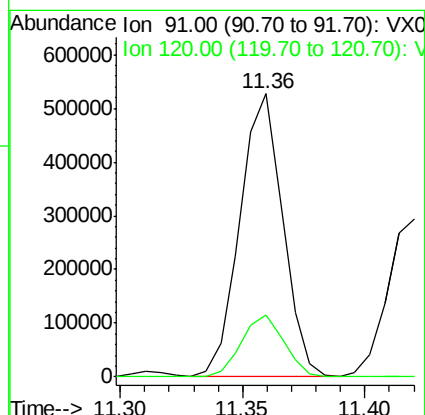
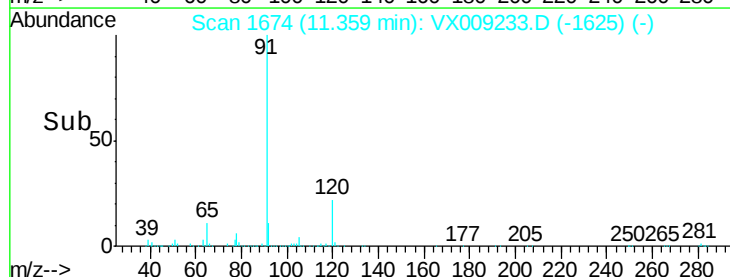
91 100

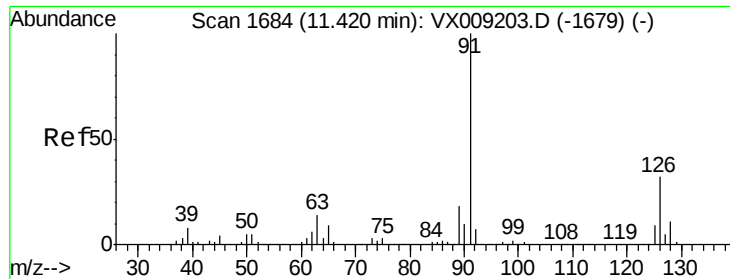
120 22.0 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.914 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

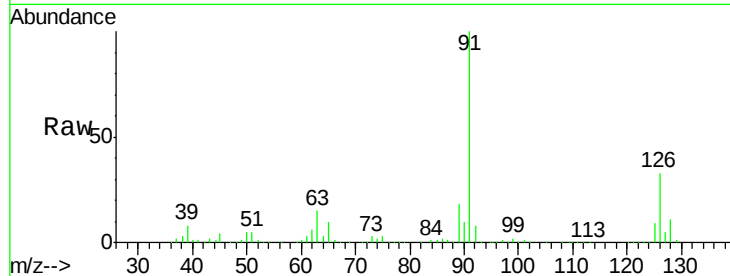
VSTDCCC050

Tot Ion: 91 Resp: 373194

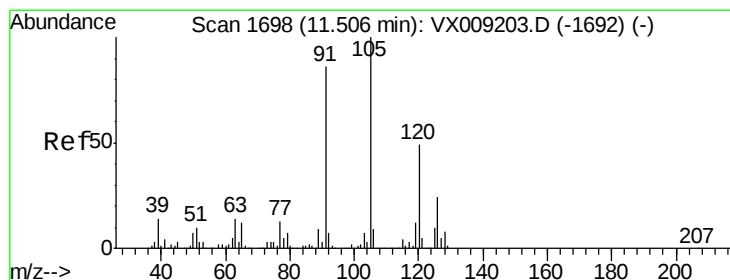
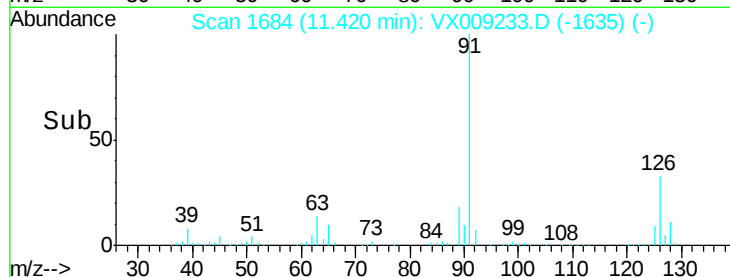
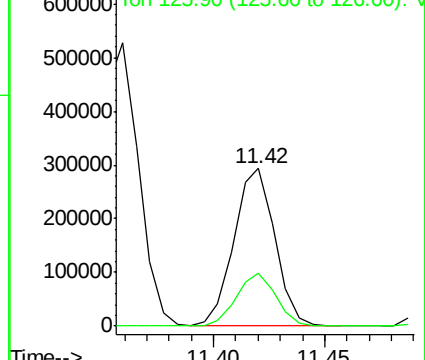
Ion Ratio Lower Upper

91 100

126 32.7 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX009233.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.063 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009233.D

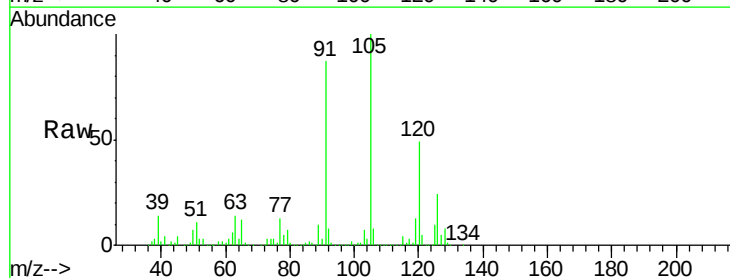
Acq: 30 Apr 2019 09:53

Tgt Ion: 105 Resp: 464441

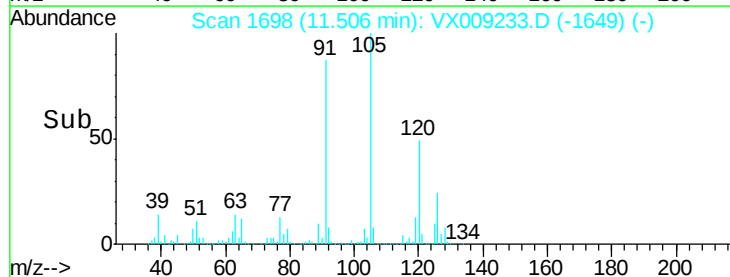
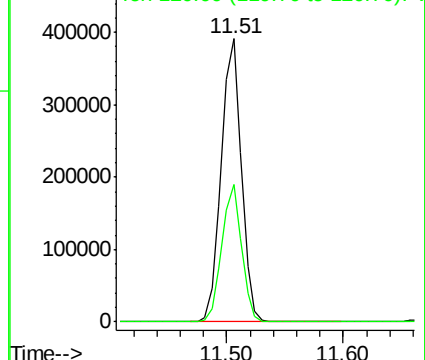
Ion Ratio Lower Upper

105 100

120 47.8 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VX009233.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 53.850 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

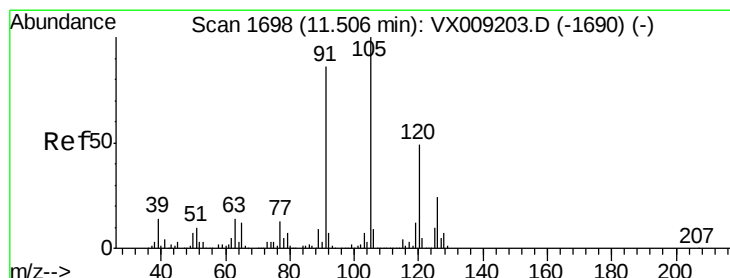
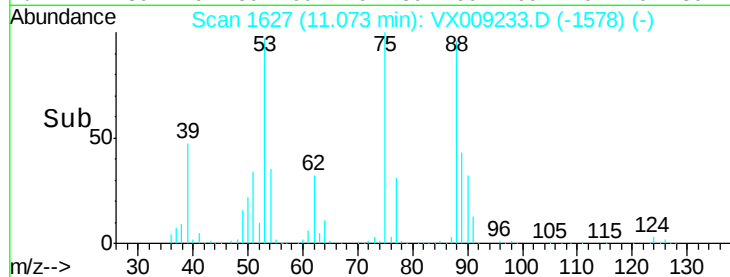
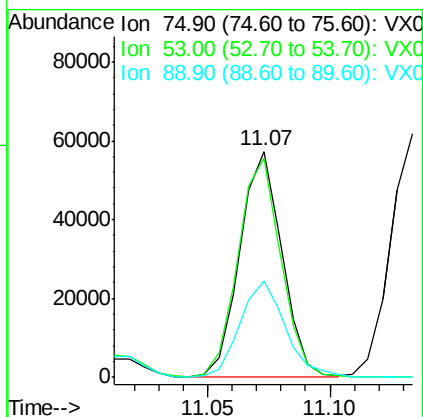
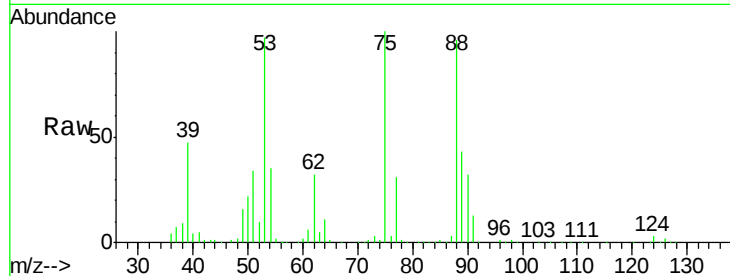
Tot Ion: 75 Resp: 68496

Ion Ratio Lower Upper

75 100

53 99.1 79.0 118.6

89 46.1 34.7 52.1



#82

4-Chlorotoluene

Concen: 53.673 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009233.D

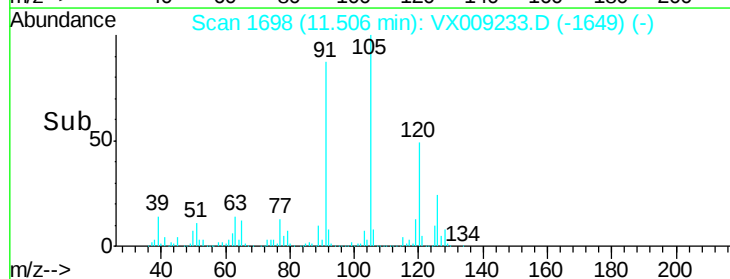
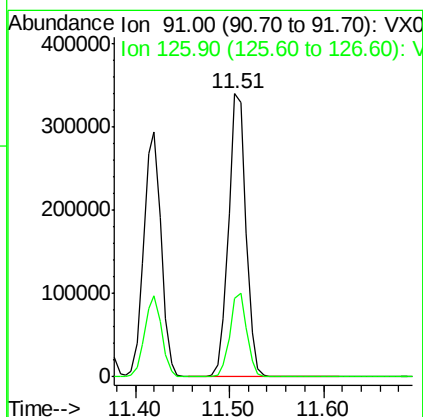
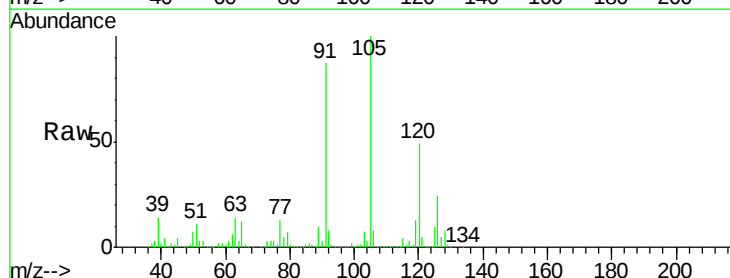
Acq: 30 Apr 2019 09:53

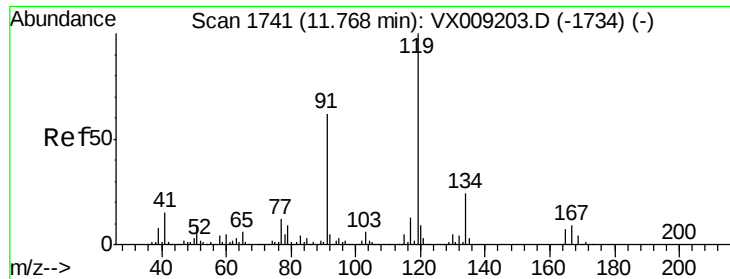
Tgt Ion: 91 Resp: 435884

Ion Ratio Lower Upper

91 100

126 28.8 14.5 43.6

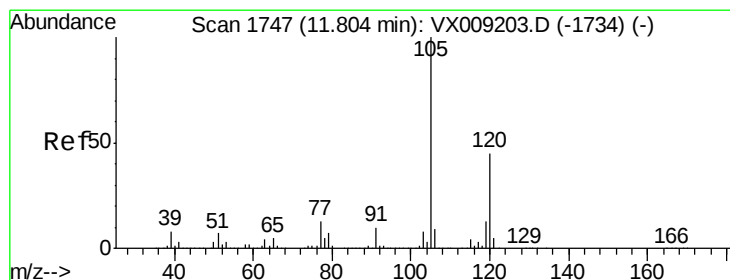
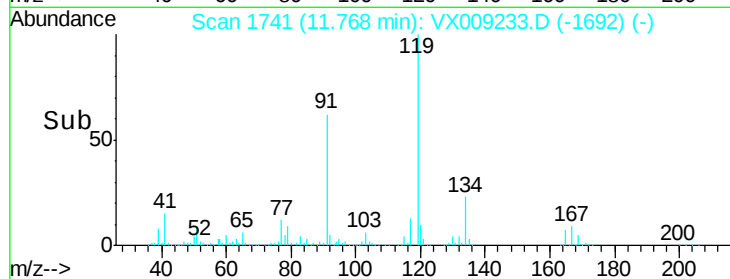
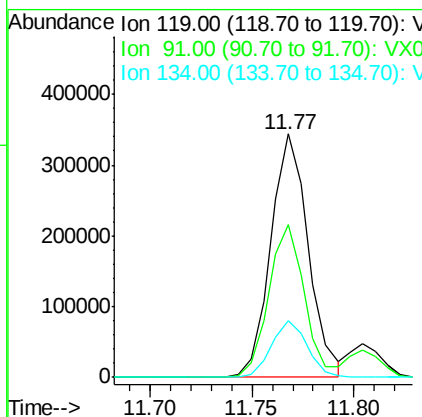
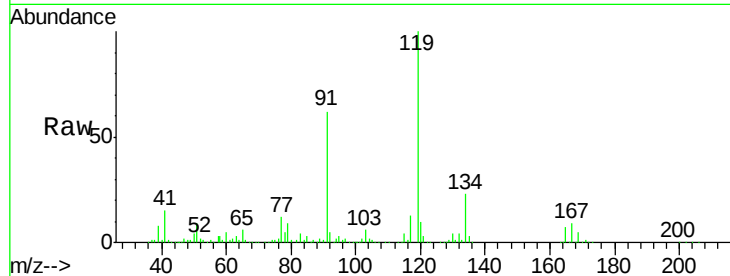




#83
 tert-Butylbenzene
 Concen: 52.797 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009233.D
 Acq: 30 Apr 2019 09:53

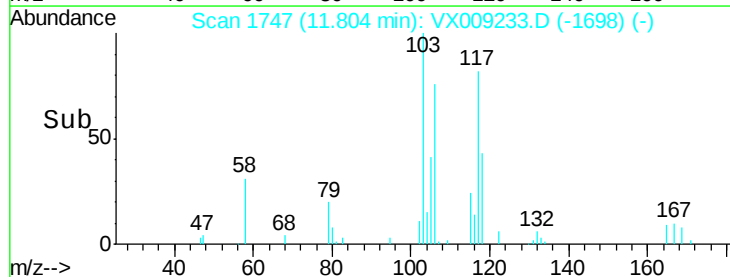
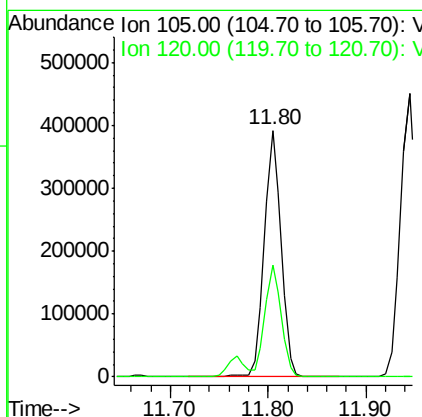
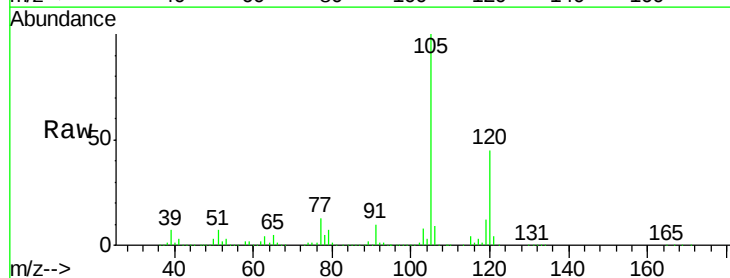
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

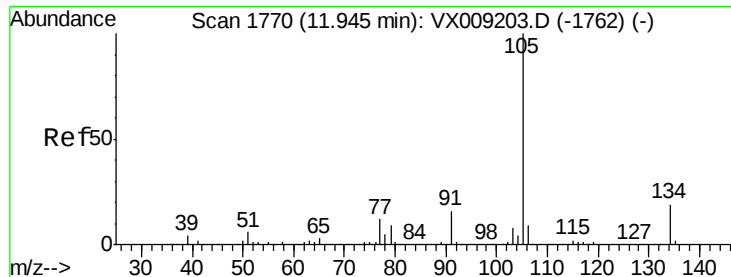
Tot Ion:119 Resp: 441220
 Ion Ratio Lower Upper
 119 100
 91 59.9 29.5 88.5
 134 22.4 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 54.370 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009233.D
 Acq: 30 Apr 2019 09:53

Tgt Ion:105 Resp: 468826
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.0 66.0

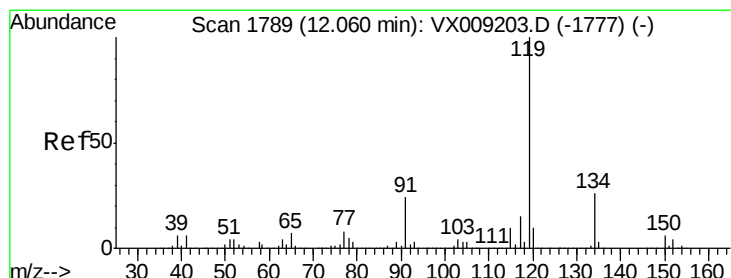
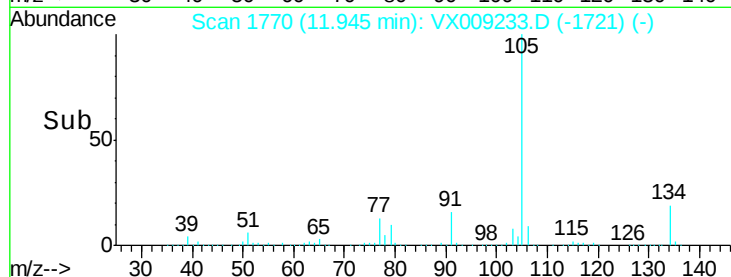
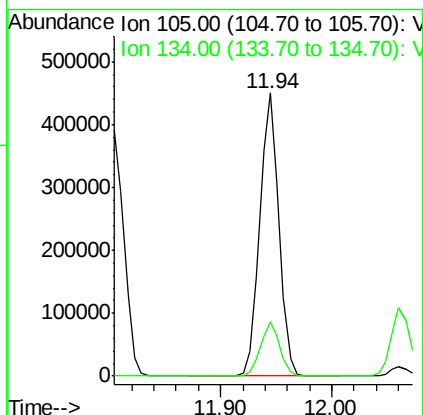
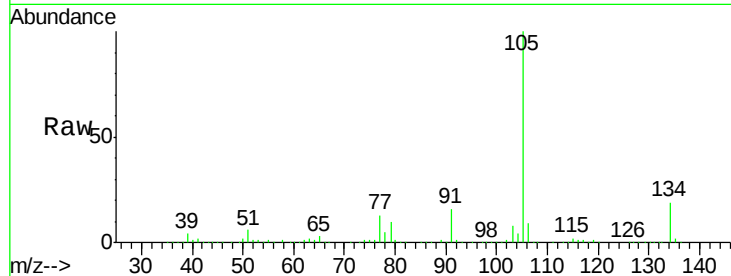




#85
 sec-Butylbenzene
 Concen: 54.457 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX009233.D
 Acq: 30 Apr 2019 09:53

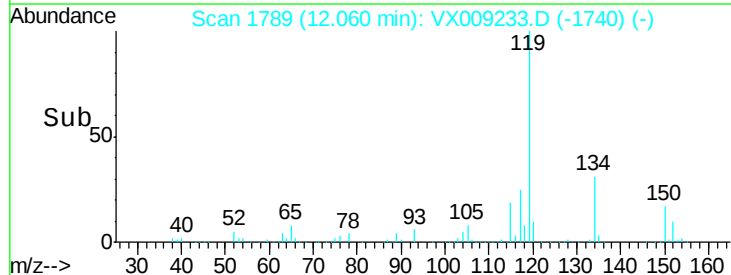
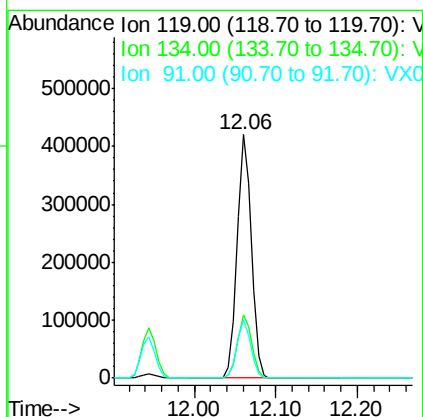
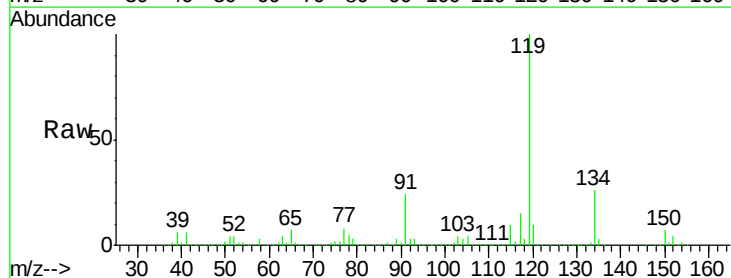
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 539554
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 55.528 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX009233.D
 Acq: 30 Apr 2019 09:53

Tgt Ion:119 Resp: 494588
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 23.6 11.8 35.4

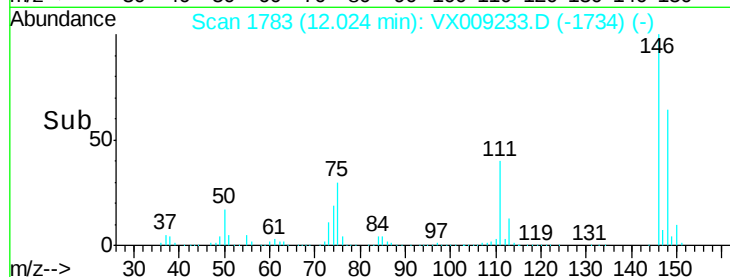
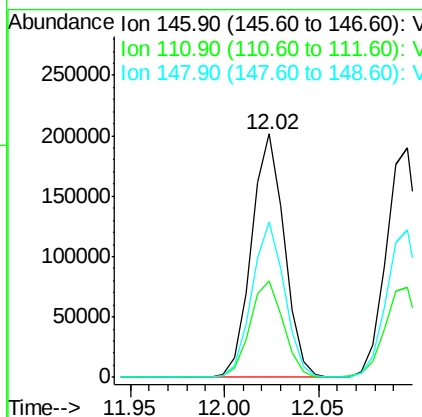
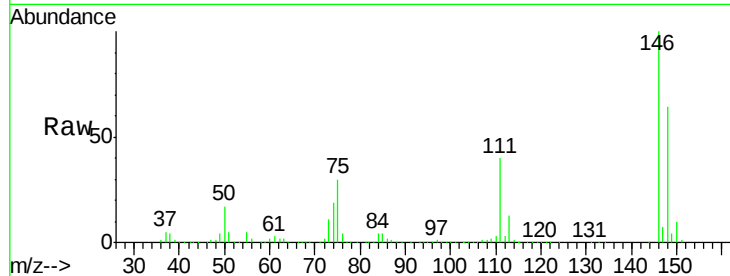




#87
 1,3-Dichlorobenzene
 Concen: 53.945 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009233.D
 Acq: 30 Apr 2019 09:53

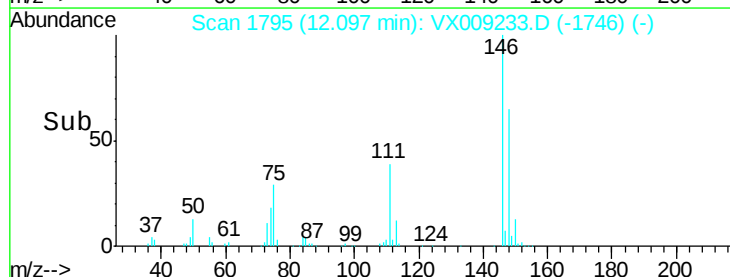
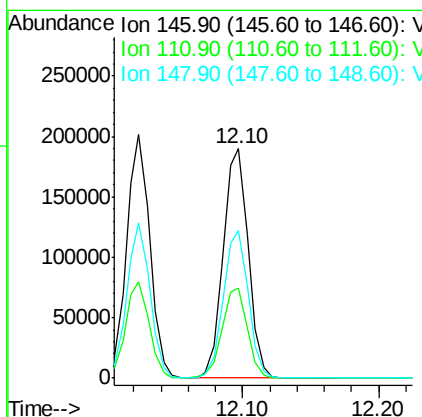
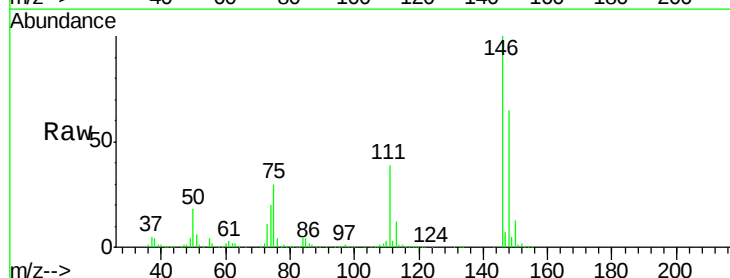
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 243530
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.0 59.9
 148 63.4 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 53.087 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009233.D
 Acq: 30 Apr 2019 09:53

Tgt Ion:146 Resp: 241615
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.6 58.8
 148 64.3 31.8 95.3

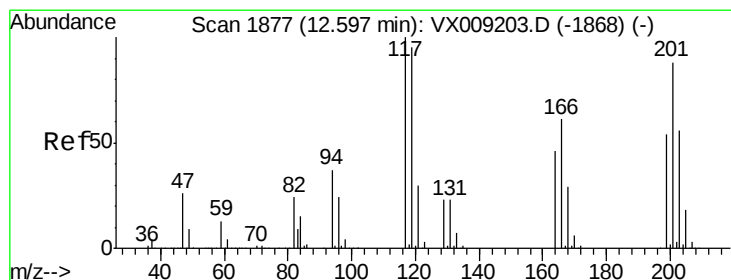
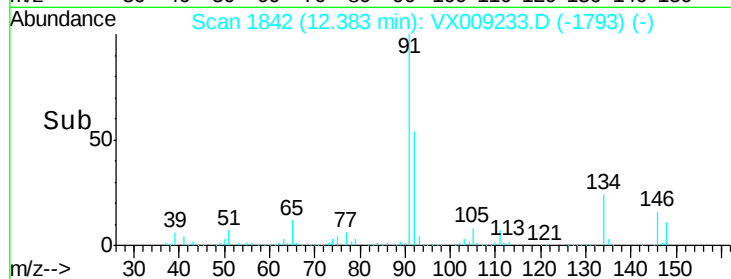
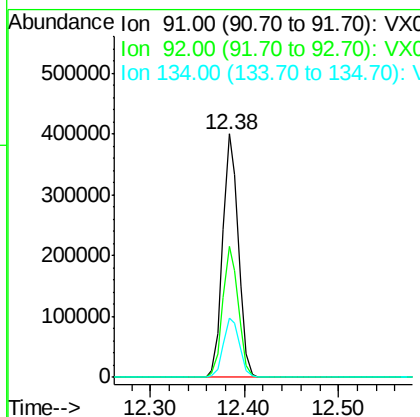
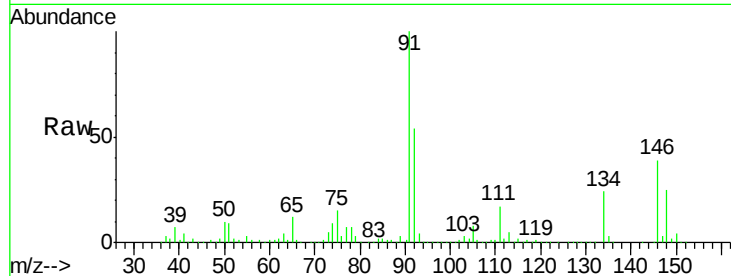




#89
n-Butylbenzene
Concen: 57.118 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009233.D
Acq: 30 Apr 2019 09:53

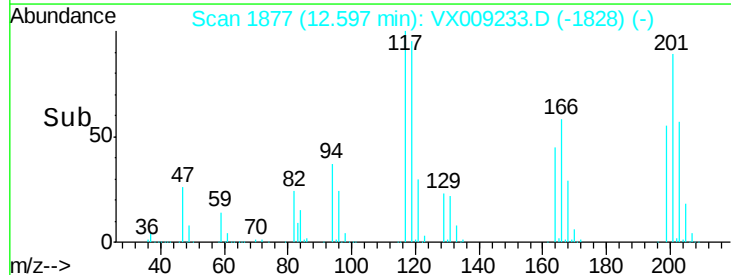
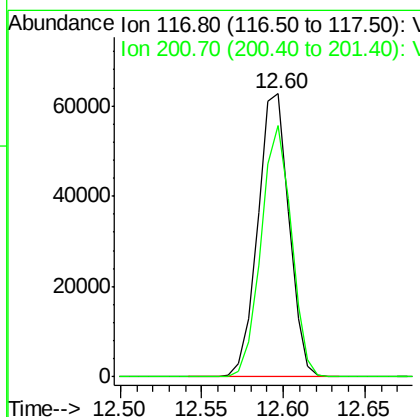
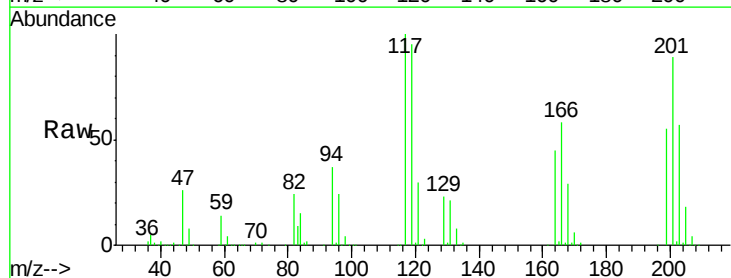
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

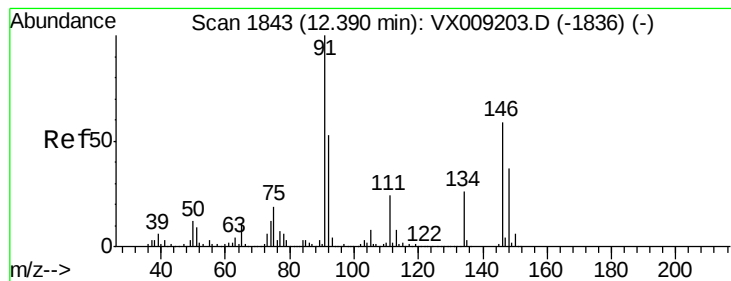
Tot Ion: 91 Resp: 459832
Ion Ratio Lower Upper
91 100
92 53.5 26.5 79.5
134 25.0 12.4 37.2



#90
Hexachloroethane
Concen: 55.125 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX009233.D
Acq: 30 Apr 2019 09:53

Tgt Ion: 117 Resp: 83651
Ion Ratio Lower Upper
117 100
201 85.8 42.3 126.9





#91

1,2-Dichlorobenzene

Concen: 51.902 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

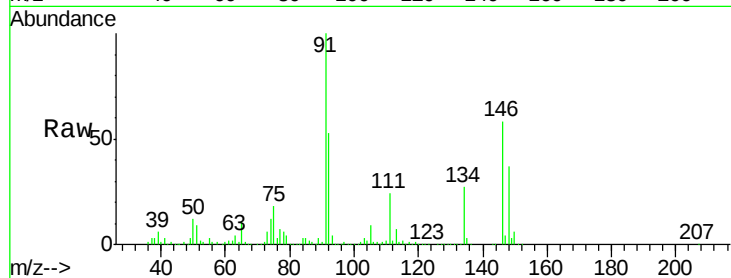
Tot Ion:146 Resp: 238650

Ion Ratio Lower Upper

146 100

111 41.7 20.8 62.4

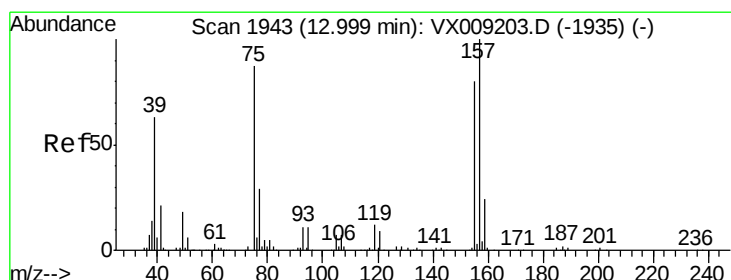
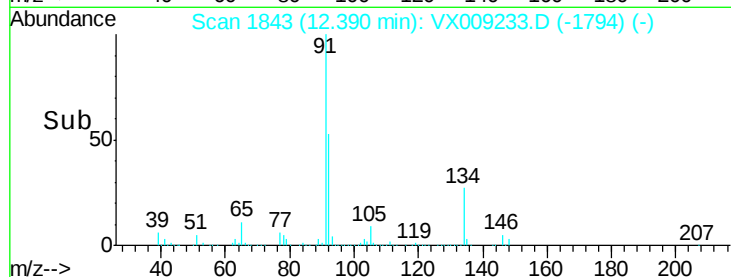
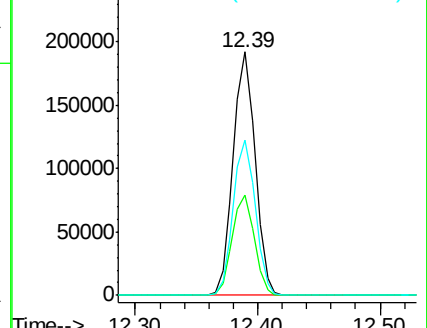
148 64.1 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.741 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX009233.D

Acq: 30 Apr 2019 09:53

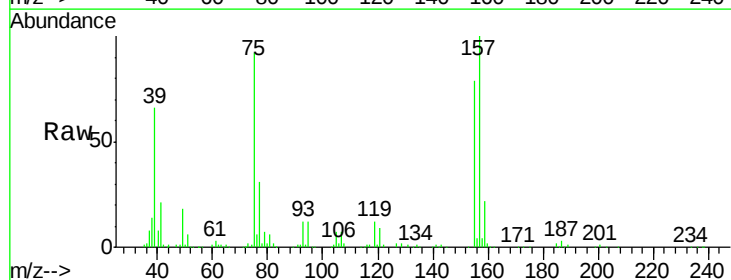
Tgt Ion: 75 Resp: 43293

Ion Ratio Lower Upper

75 100

155 80.5 42.0 126.0

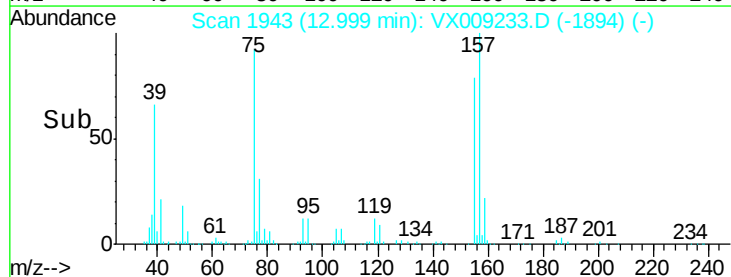
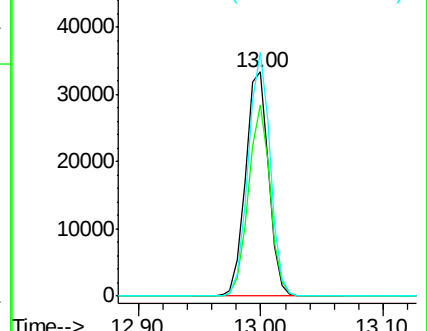
157 103.8 53.2 159.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

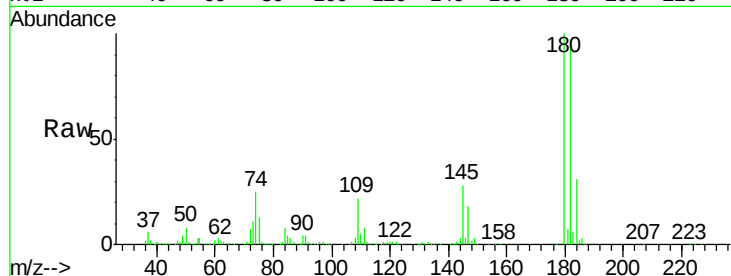




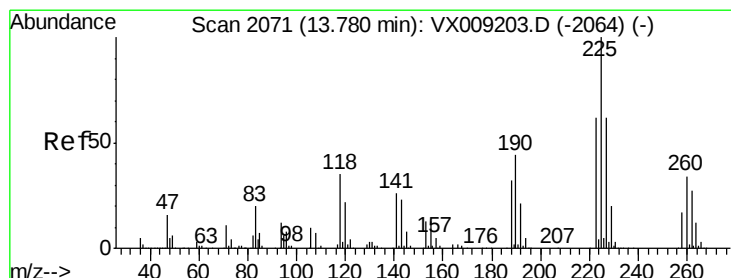
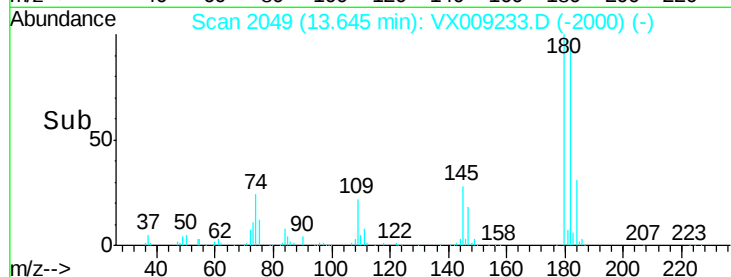
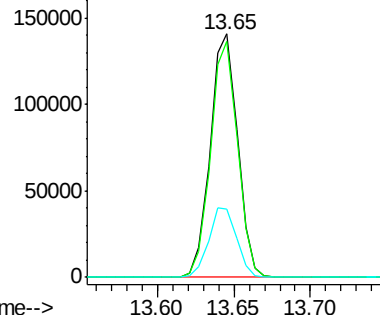
#93
 1,2,4-Trichlorobenzene
 Concen: 55.281 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009233.D
 Acq: 30 Apr 2019 09:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 173821
 Ion Ratio Lower Upper
 180 100
 182 95.7 48.4 145.2
 145 29.1 14.6 43.8

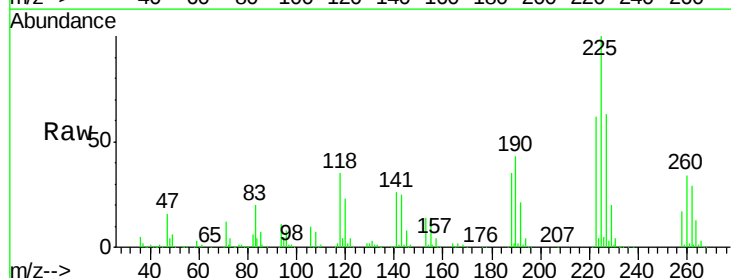


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

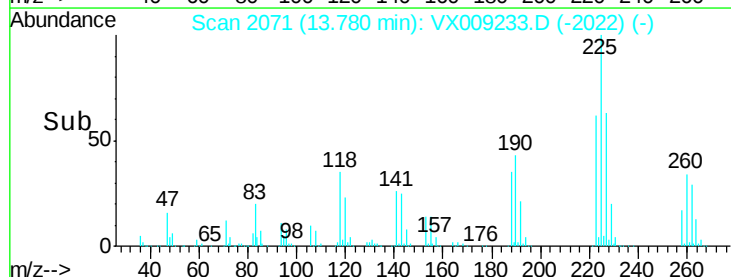
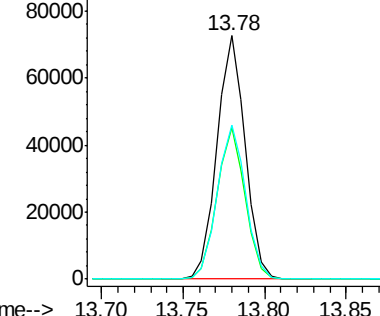


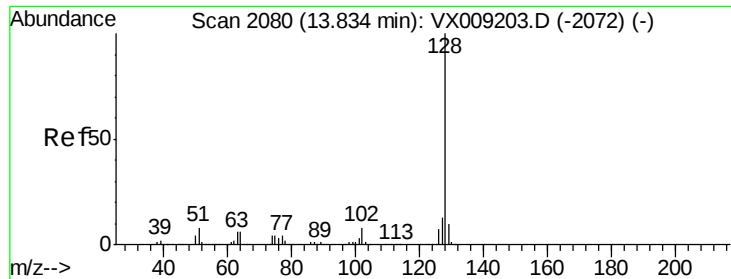
#94
 Hexachlorobutadiene
 Concen: 54.432 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009233.D
 Acq: 30 Apr 2019 09:53

Tgt Ion:225 Resp: 87401
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.3 93.8
 227 63.9 31.8 95.3



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

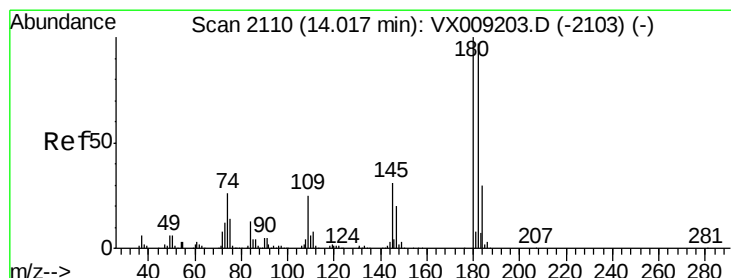
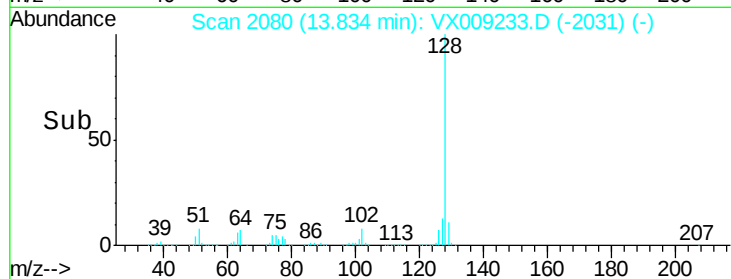
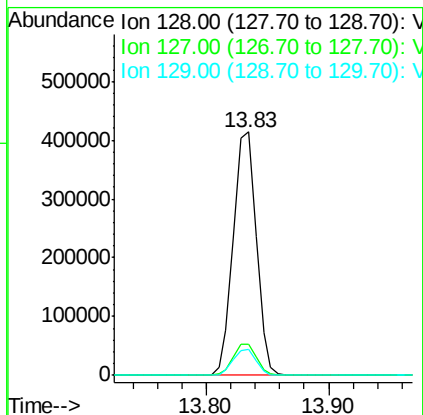
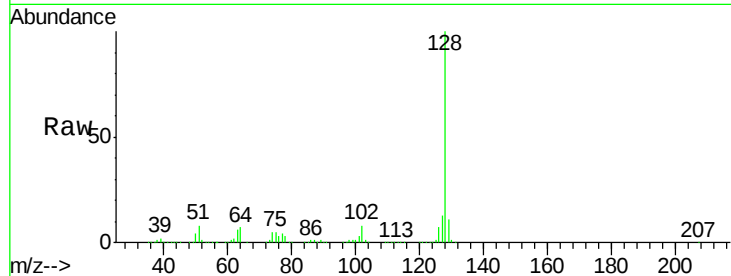




#95
Naphthalene
Concen: 52.590 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009233.D
Acq: 30 Apr 2019 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 537990
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.695 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009233.D
Acq: 30 Apr 2019 09:53

Tgt Ion:180 Resp: 171141
Ion Ratio Lower Upper
180 100
182 94.0 47.8 143.4
145 30.7 15.4 46.4

