

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042219\
 Data File : VX009095.D
 Acq On : 22 Apr 2019 14:25
 Operator : JC/SP
 Sample : VX0422WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBSD01

Quant Time: Apr 23 02:33:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	197181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	326886	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	289947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133826	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	140252	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
35) Dibromofluoromethane	5.50	113	104127	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
50) Toluene-d8	8.71	98	417243	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
62) 4-Bromofluorobenzene	11.13	95	147870	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	52454	23.096	ug/l	96
3) Chloromethane	1.32	50	64945	23.292	ug/l	99
4) Vinyl Chloride	1.40	62	60622	22.339	ug/l	98
5) Bromomethane	1.64	94	31982	21.220	ug/l	97
6) Chloroethane	1.72	64	38584	24.178	ug/l	95
7) Trichlorofluoromethane	1.93	101	68944	21.759	ug/l	99
8) Diethyl Ether	2.19	74	30790	21.249	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	43017	21.234	ug/l	99
10) Methyl Iodide	2.51	142	42456	21.890	ug/l	100
11) Tert butyl alcohol	3.04	59	72719	117.892	ug/l	100
12) 1,1-Dichloroethene	2.37	96	45089	21.323	ug/l	97
13) Acrolein	2.29	56	41206	77.315	ug/l	99
14) Allyl chloride	2.73	41	103590	22.455	ug/l	99
15) Acrylonitrile	3.14	53	178865	114.232	ug/l	100
16) Acetone	2.45	43	156987	108.940	ug/l	100
17) Carbon Disulfide	2.57	76	134464	22.350	ug/l	100
18) Methyl Acetate	2.78	43	79133	22.003	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	167035	22.170	ug/l	98
20) Methylene Chloride	2.85	84	54364	22.060	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	47989	21.277	ug/l	92
22) Diisopropyl ether	3.85	45	204815	22.848	ug/l	97
23) Vinyl Acetate	3.81	43	907893	115.214	ug/l	99
24) 1,1-Dichloroethane	3.70	63	99403	22.090	ug/l	99
25) 2-Butanone	4.67	43	265867	115.423	ug/l	97
26) 2,2-Dichloropropane	4.58	77	65972	19.558	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	55184	21.550	ug/l	100
28) Bromochloromethane	5.02	49	38282	19.297	ug/l	99
29) Tetrahydrofuran	5.13	42	177200	114.937	ug/l	99
30) Chloroform	5.21	83	89987	22.347	ug/l	99
31) Cyclohexane	5.58	56	95947	21.678	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	73494	22.021	ug/l	99
36) 1,1-Dichloropropene	5.80	75	70236	20.776	ug/l	99
37) Ethyl Acetate	4.83	43	100606	23.127	ug/l	100
38) Carbon Tetrachloride	5.78	117	60540	21.123	ug/l	100

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 Data File : VX009095.D
 Acq On : 22 Apr 2019 14:25
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 Sample : VX0422WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBSD01

Quant Time: Apr 23 02:33:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	85554	20.785	ug/l	98
40) Benzene	6.14	78	216249	21.683	ug/l	100
41) Methacrylonitrile	5.04	41	56302	22.551	ug/l	99
42) 1,2-Dichloroethane	6.19	62	77229	21.860	ug/l	99
43) Isopropyl Acetate	6.45	43	153021	21.828	ug/l	100
44) Trichloroethene	7.21	130	51099	20.911	ug/l	97
45) 1,2-Dichloropropane	7.51	63	61768	22.324	ug/l	98
46) Dibromomethane	7.66	93	34352	21.333	ug/l	99
47) Bromodichloromethane	7.90	83	67337	21.321	ug/l	97
48) Methyl methacrylate	7.77	41	77658	22.419	ug/l	99
49) 1,4-Dioxane	7.74	88	29665	457.558	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	511679	114.569	ug/l	99
52) Toluene	8.78	92	129296	21.632	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	76145	20.949	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	85291	20.957	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	52952	22.353	ug/l	98
56) Ethyl methacrylate	9.18	69	93021	21.899	ug/l	99
57) 1,3-Dichloropropane	9.37	76	92018	21.816	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	219535	95.976	ug/l	100
59) 2-Hexanone	9.49	43	393283	114.217	ug/l	100
60) Dibromochloromethane	9.58	129	49275	21.703	ug/l	99
61) 1,2-Dibromoethane	9.67	107	53338	21.816	ug/l	99
64) Tetrachloroethene	9.34	164	46209	20.979	ug/l	99
65) Chlorobenzene	10.14	112	130261	21.284	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	46476	21.557	ug/l	99
67) Ethyl Benzene	10.25	91	240565	21.503	ug/l	100
68) m/p-Xylenes	10.36	106	174008	42.797	ug/l	99
69) o-Xylene	10.69	106	84270	21.301	ug/l	98
70) Styrene	10.71	104	146847	21.420	ug/l	99
71) Bromoform	10.85	173	36538	21.272	ug/l #	97
73) Isopropylbenzene	11.02	105	225930	22.273	ug/l	99
74) N-amyl acetate	10.90	43	130484	22.403	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	84539	22.809	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	97478	29.830	ug/l	80
77) Bromobenzene	11.26	156	54529	21.306	ug/l	98
78) n-propylbenzene	11.36	91	258082	22.167	ug/l	99
79) 2-Chlorotoluene	11.42	91	156133	22.254	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	190581	22.389	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	26590	20.890	ug/l	95
82) 4-Chlorotoluene	11.51	91	178926	21.959	ug/l	99
83) tert-Butylbenzene	11.77	119	180408	22.075	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	190403	21.974	ug/l	99
85) sec-Butylbenzene	11.94	105	216197	22.181	ug/l	100
86) p-Isopropyltoluene	12.06	119	194477	21.702	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	95496	21.319	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	96214	21.188	ug/l	99
89) n-Butylbenzene	12.38	91	175327	21.008	ug/l	100
90) Hexachloroethane	12.60	117	31817	21.524	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	96504	21.817	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18057	21.398	ug/l	97

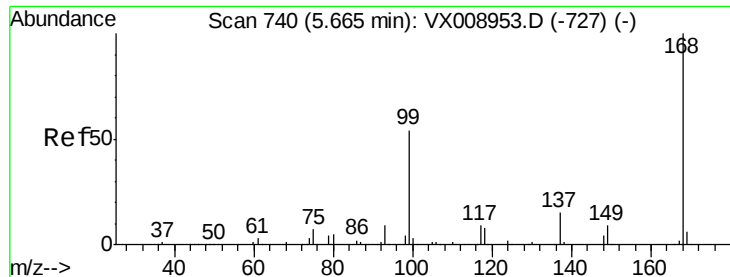
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042219\
Data File : VX009095.D
Acq On : 22 Apr 2019 14:25
Operator : JC/SP
Sample : VX0422WBSD01
Misc : 5.0mL/MSVOA X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Quant Time: Apr 23 02:33:18 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	65686	20.571	ug/l	99
94) Hexachlorobutadiene	13.78	225	33525	21.051	ug/l	99
95) Naphthalene	13.83	128	218836	21.392	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	66242	21.026	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

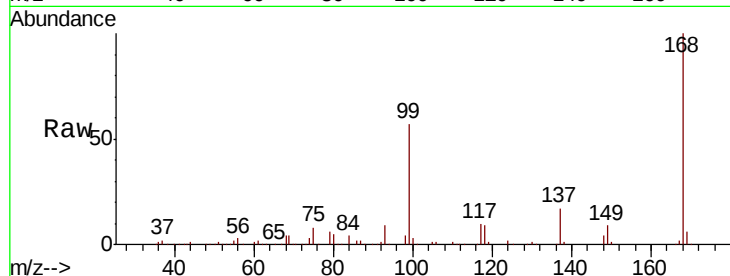
VX0422WBSD01

Tot Ion:168 Resp: 197181

Ion Ratio Lower Upper

168 100

99 56.7 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

40000

20000

0

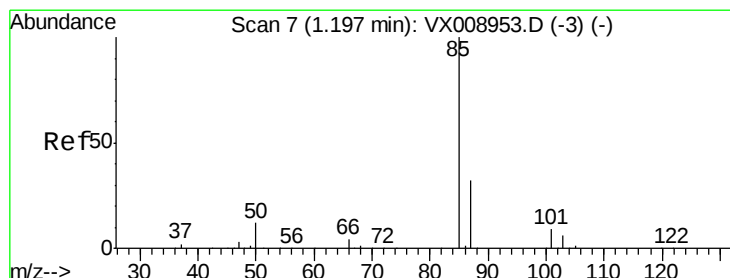
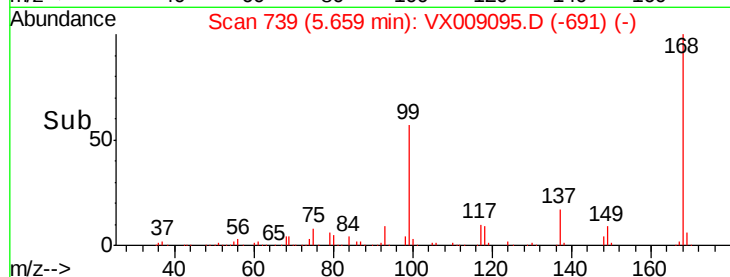
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 23.096 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009095.D

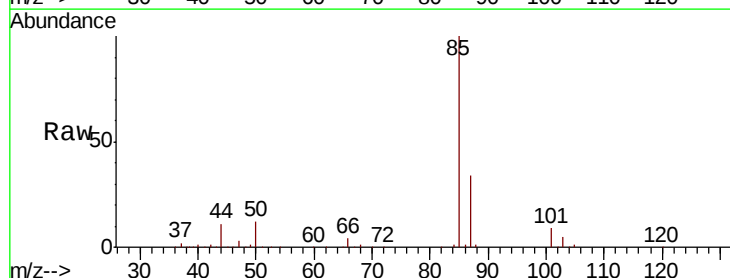
Acq: 22 Apr 2019 14:25

Tgt Ion: 85 Resp: 52454

Ion Ratio Lower Upper

85 100

87 34.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

20000

10000

0

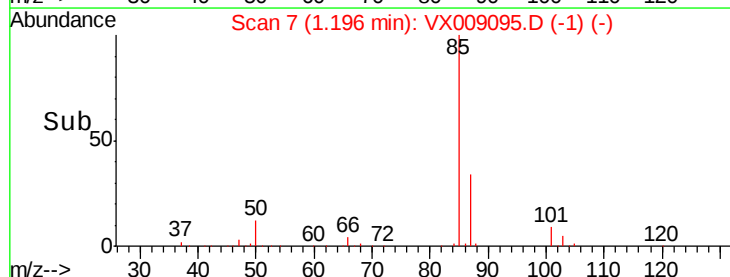
Time-->

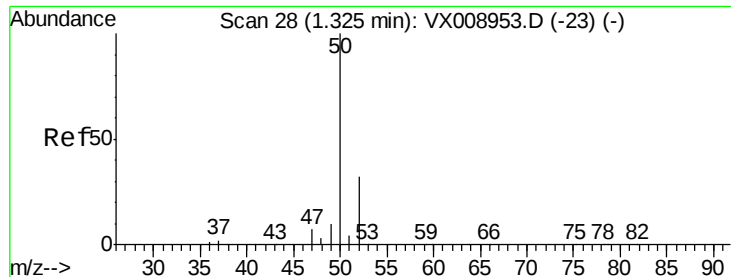
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 23.292 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

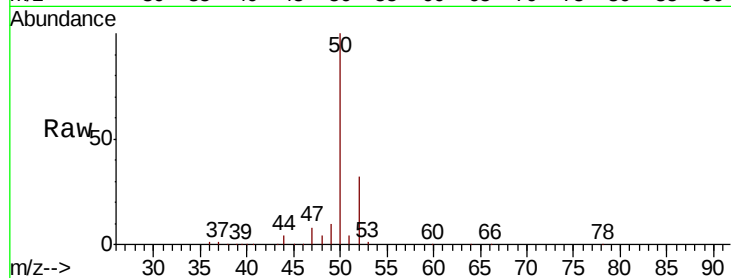
VX0422WBSD01

Tot Ion: 50 Resp: 64945

Ion Ratio Lower Upper

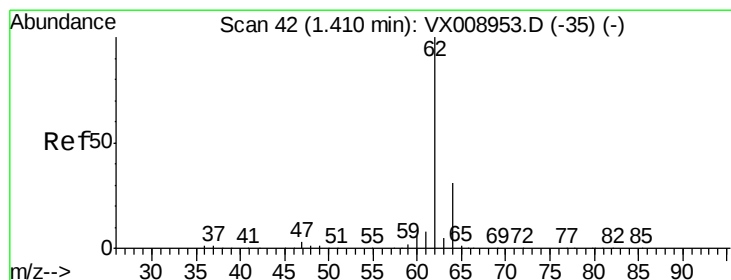
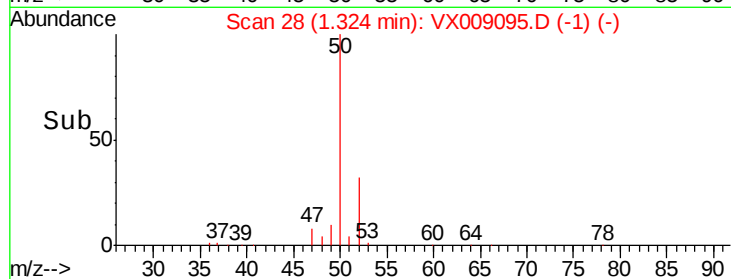
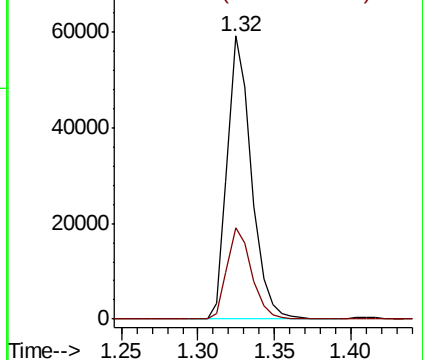
50 100

52 32.2 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 22.339 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009095.D

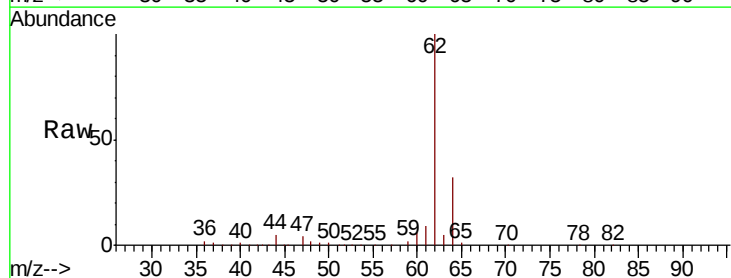
Acq: 22 Apr 2019 14:25

Tgt Ion: 62 Resp: 60622

Ion Ratio Lower Upper

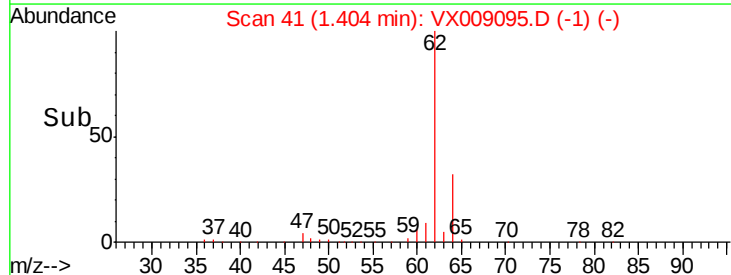
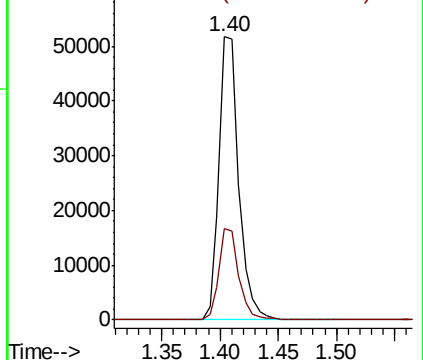
62 100

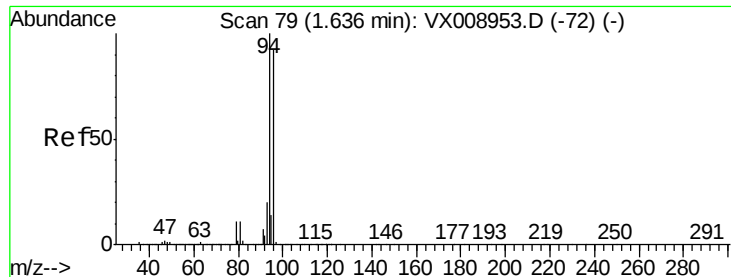
64 32.1 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.220 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

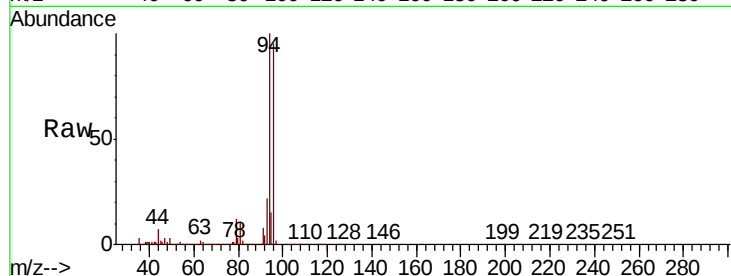
VX0422WBSD01

Tot Ion: 94 Resp: 31982

Ion Ratio Lower Upper

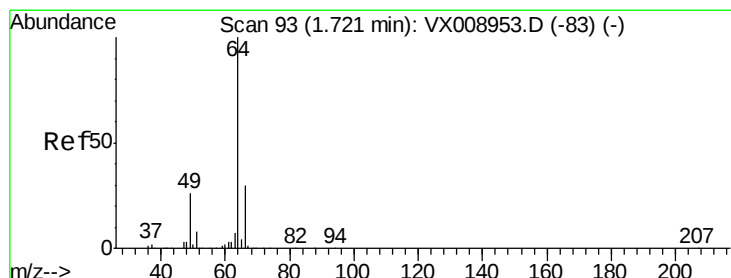
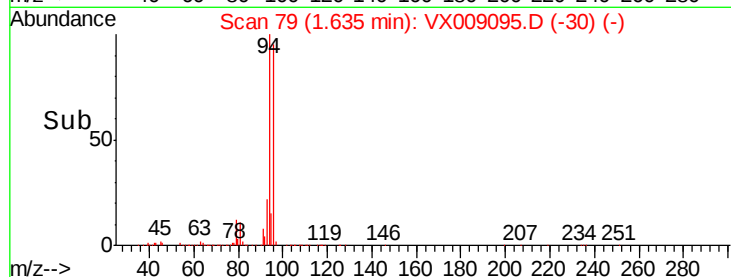
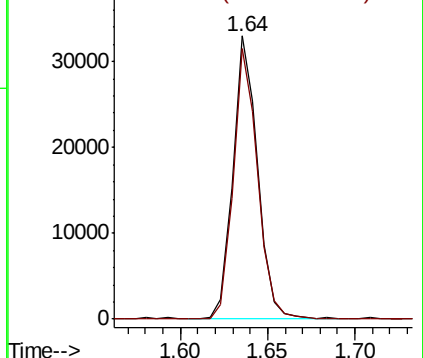
94 100

96 95.6 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 24.178 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX009095.D

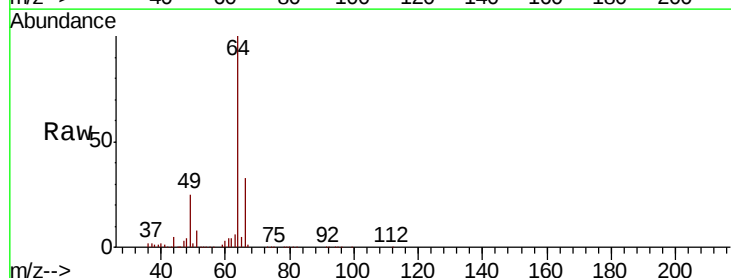
Acq: 22 Apr 2019 14:25

Tgt Ion: 64 Resp: 38584

Ion Ratio Lower Upper

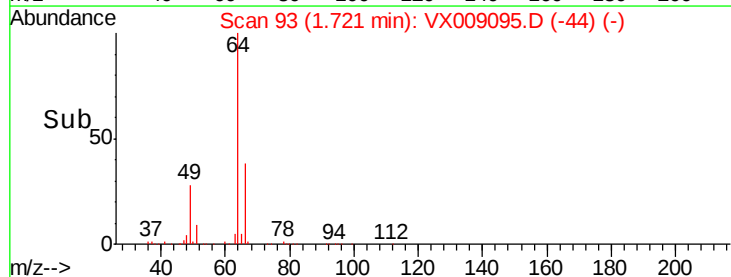
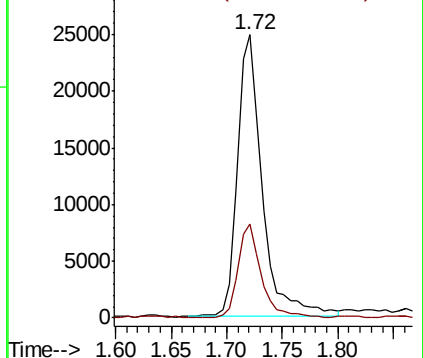
64 100

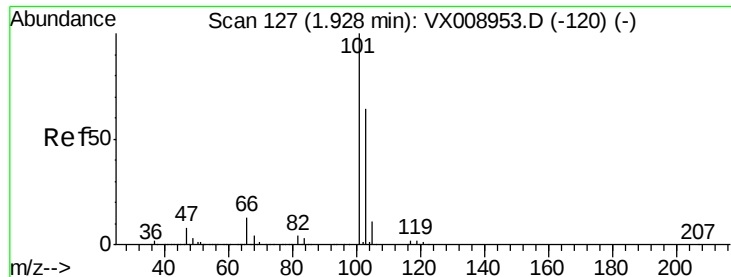
66 33.1 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



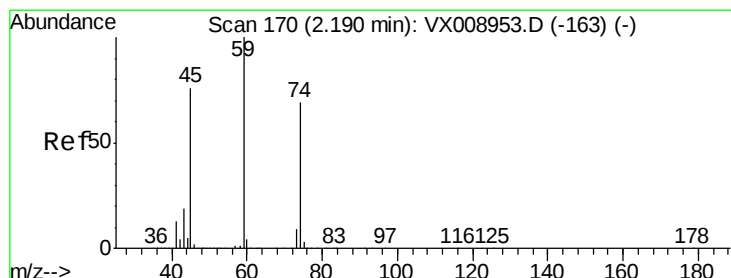
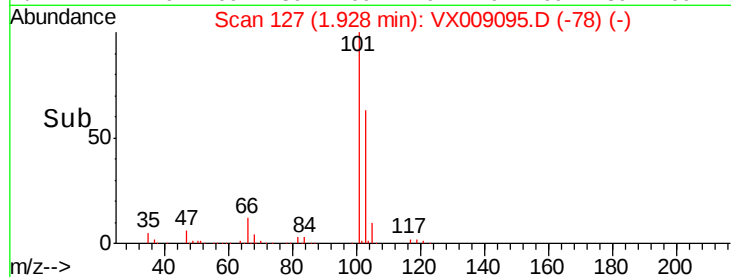
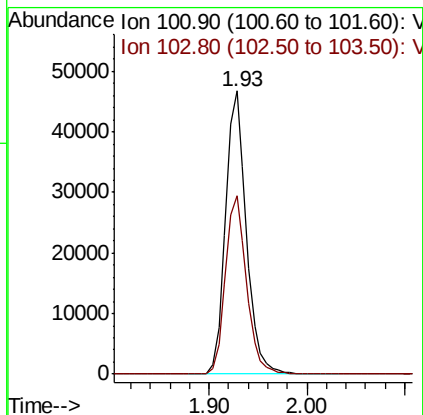
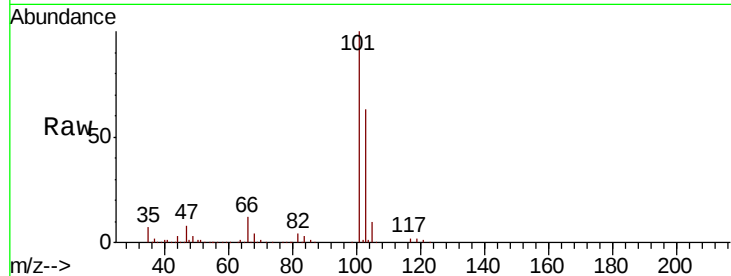


#7

Trichlorofluoromethane
 Concen: 21.759 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX009095.D
 Acq: 22 Apr 2019 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBSD01

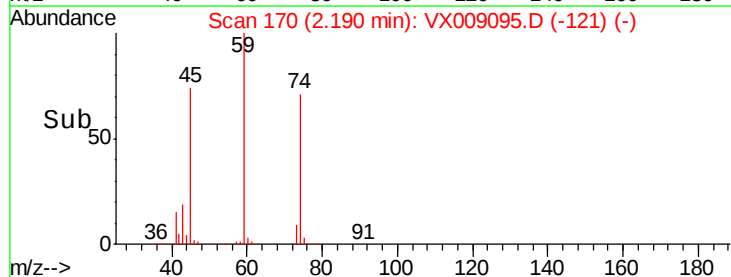
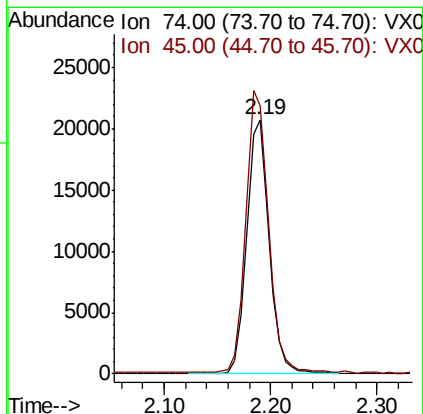
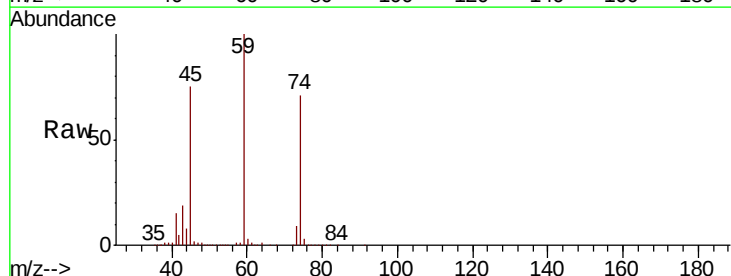
Tot Ion:101 Resp: 68944
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.0 76.6

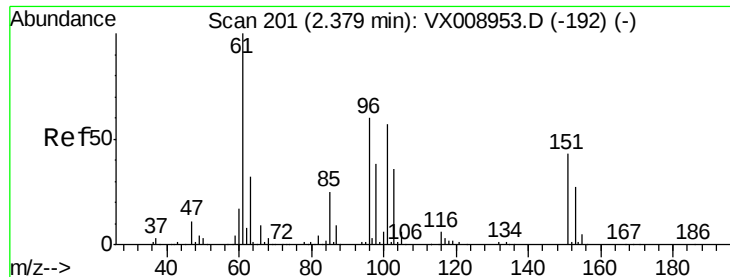


#8

Diethyl Ether
 Concen: 21.249 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX009095.D
 Acq: 22 Apr 2019 14:25

Tgt Ion: 74 Resp: 30790
 Ion Ratio Lower Upper
 74 100
 45 114.4 54.9 164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.234 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

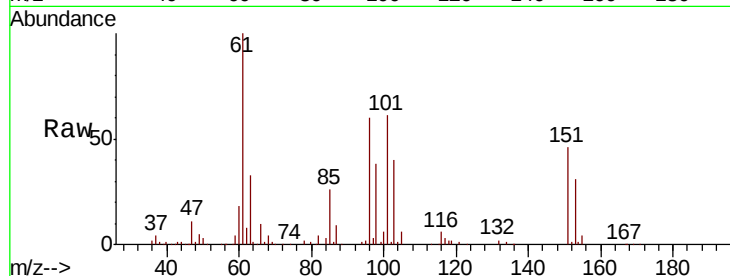
Tot Ion:101 Resp: 43017

Ion Ratio Lower Upper

101 100

85 44.8 35.7 53.5

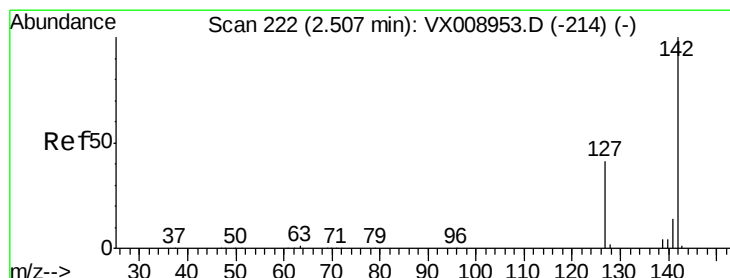
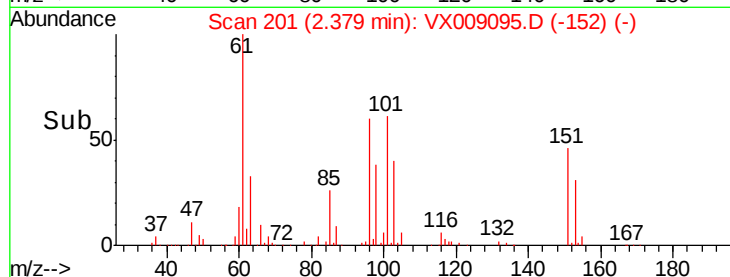
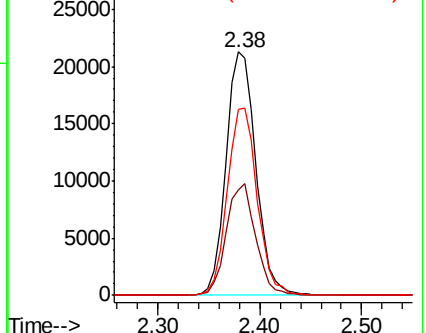
151 76.8 62.7 94.1



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: 21.890 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

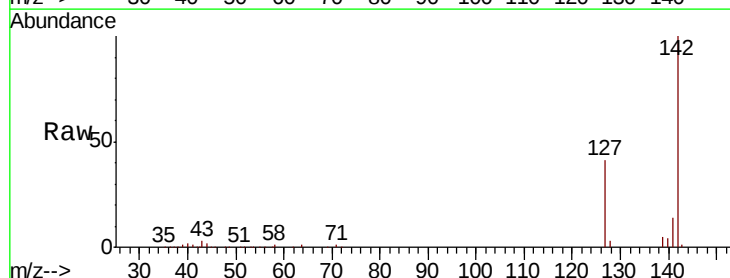
Tgt Ion:142 Resp: 42456

Ion Ratio Lower Upper

142 100

127 40.8 32.8 49.2

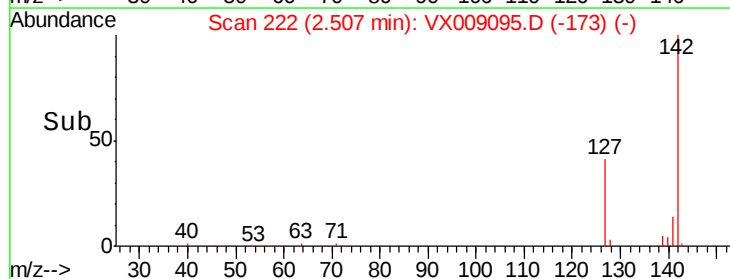
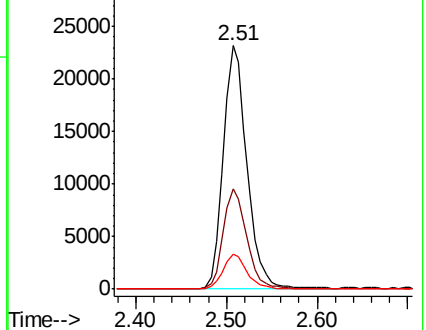
141 14.3 11.4 17.2

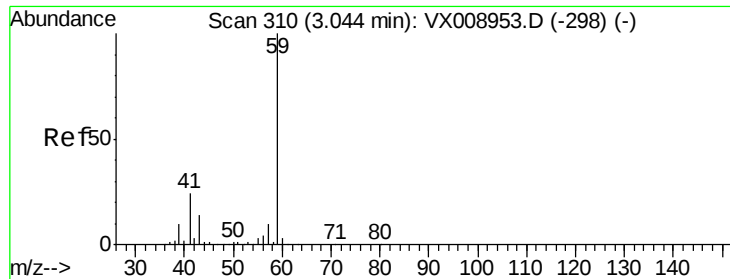


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



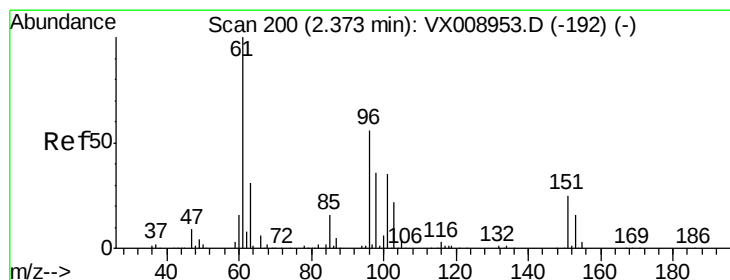
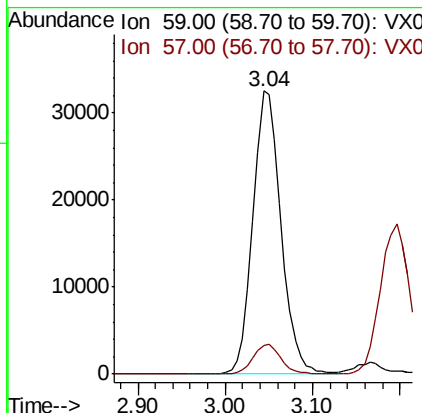
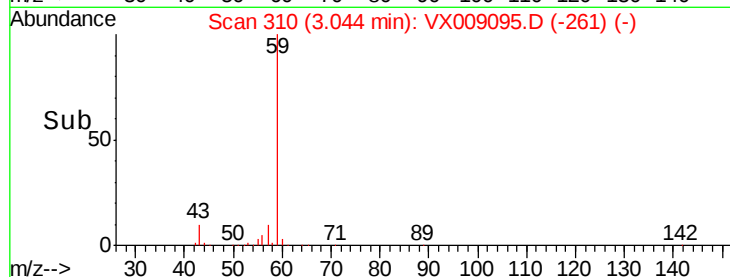
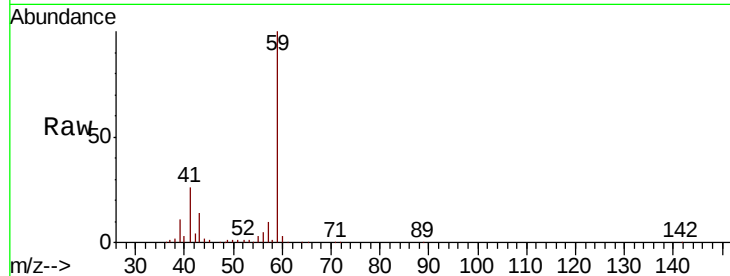


#11

Tert butyl alcohol
 Concen: 117.892 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.00 min
 Lab File: VX009095.D
 Acq: 22 Apr 2019 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBSD01

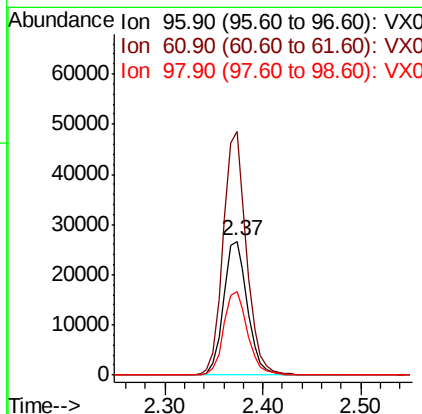
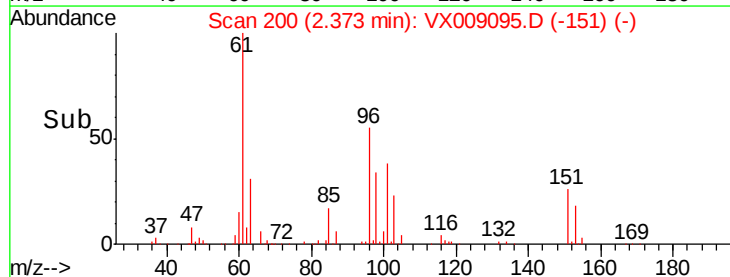
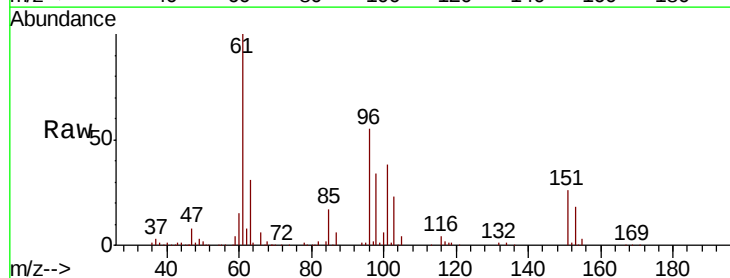
Tot Ion: 59 Resp: 72719
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.4 12.6

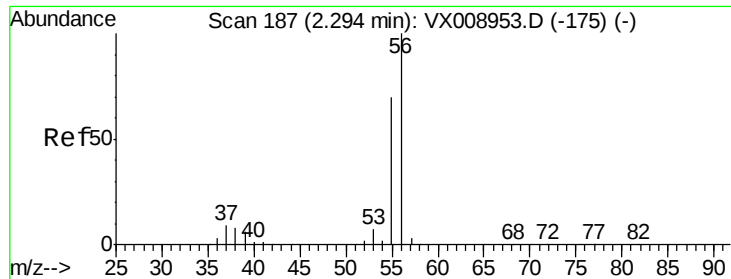


#12

1,1-Dichloroethene
 Concen: 21.323 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX009095.D
 Acq: 22 Apr 2019 14:25

Tgt Ion: 96 Resp: 45089
 Ion Ratio Lower Upper
 96 100
 61 181.8 142.2 213.2
 98 62.1 50.9 76.3





#13

Acrolein

Concen: 77.315 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

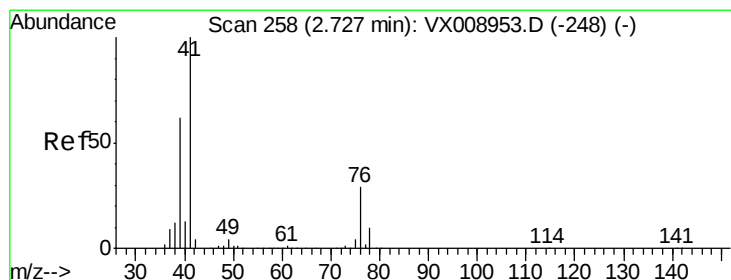
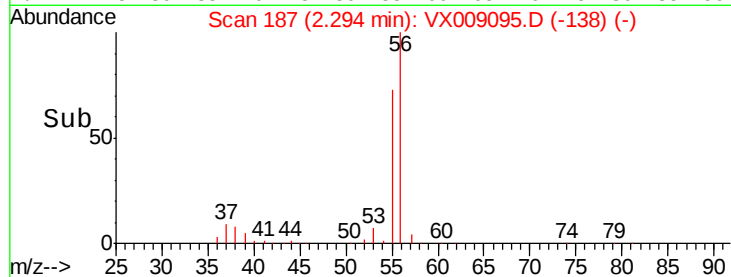
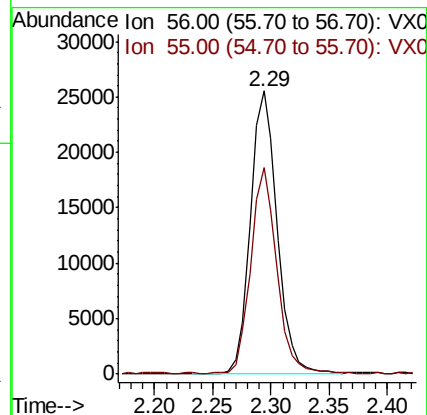
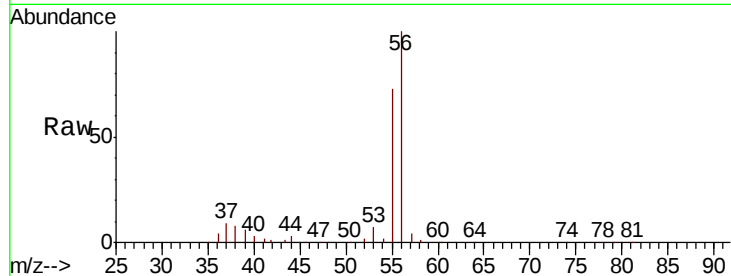
VX0422WBSD01

Tot Ion: 56 Resp: 41206

Ion Ratio Lower Upper

56 100

55 71.4 56.6 84.8



#14

Allyl chloride

Concen: 22.455 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

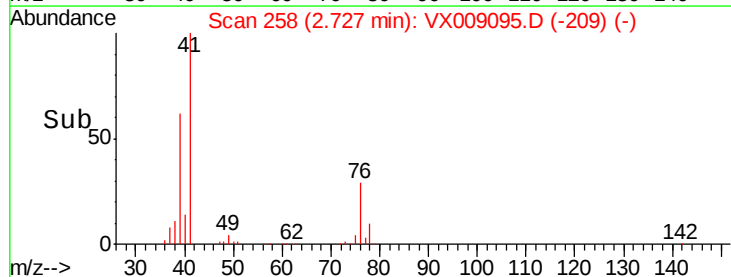
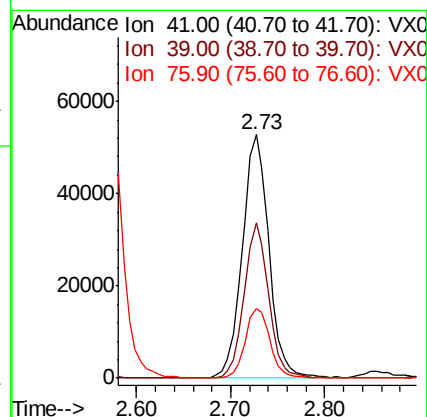
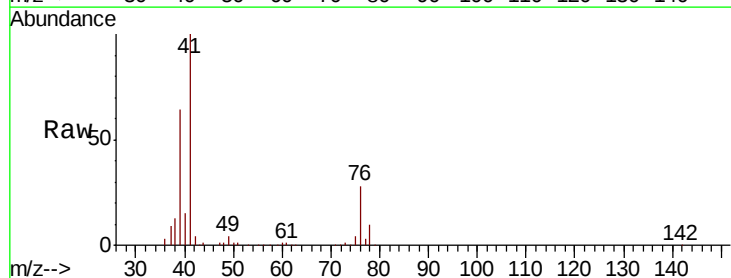
Tgt Ion: 41 Resp: 103590

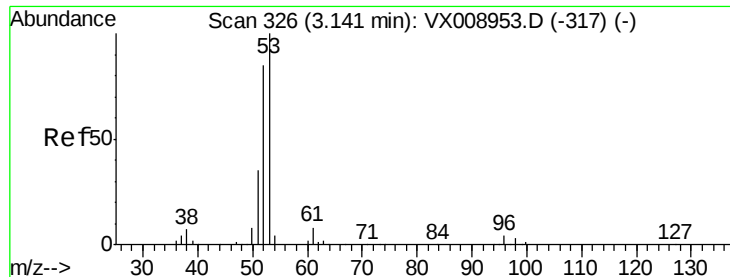
Ion Ratio Lower Upper

41 100

39 59.0 46.7 70.1

76 26.9 22.0 33.0





#15

Acrylonitrile

Concen: 114.232 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

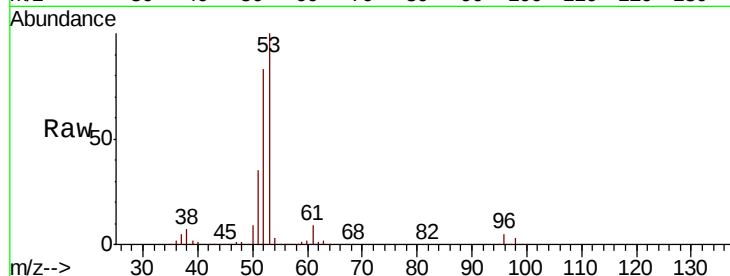
Tot Ion: 53 Resp: 178865

Ion Ratio Lower Upper

53 100

52 83.5 66.6 100.0

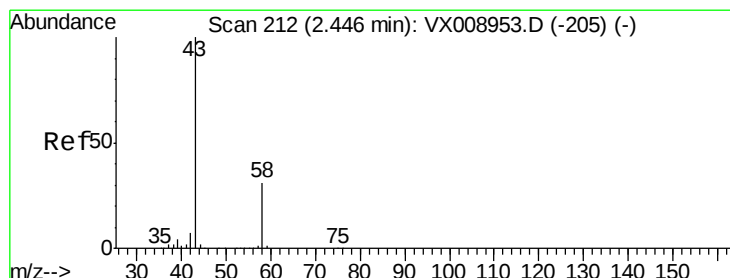
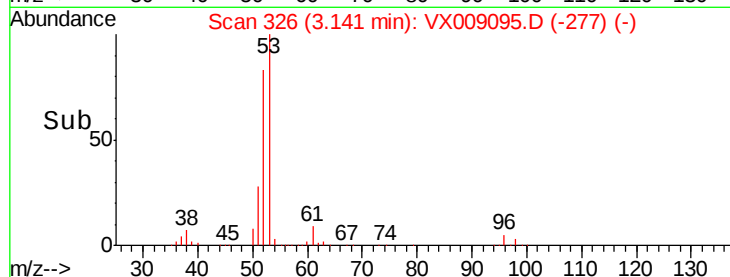
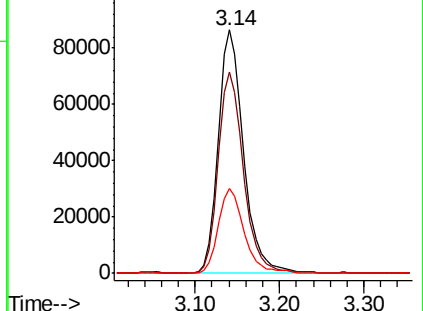
51 36.0 28.3 42.5



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: 108.940 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009095.D

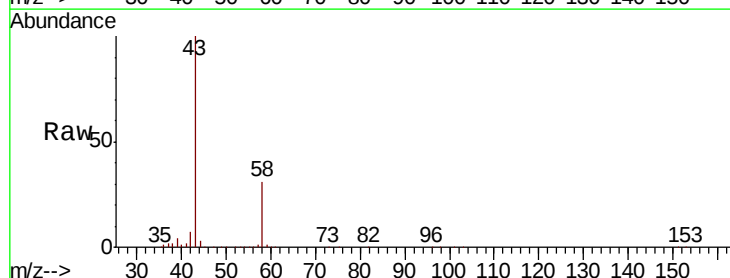
Acq: 22 Apr 2019 14:25

Tgt Ion: 43 Resp: 156987

Ion Ratio Lower Upper

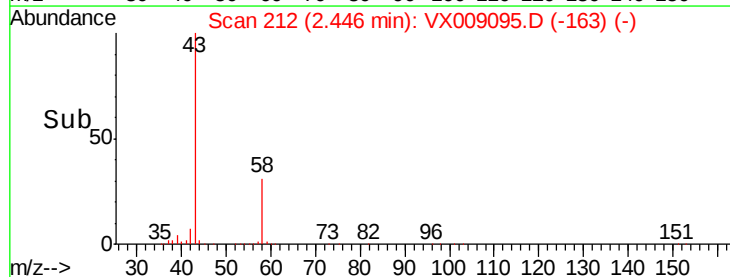
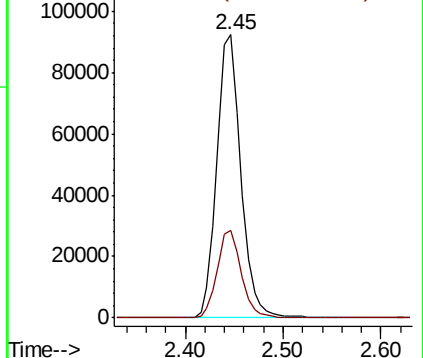
43 100

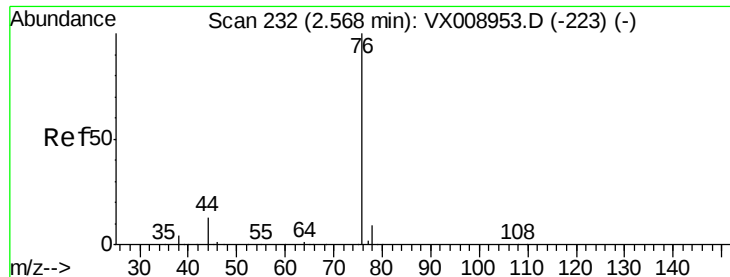
58 30.9 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

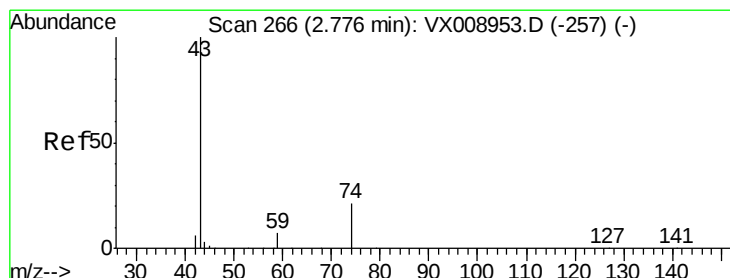
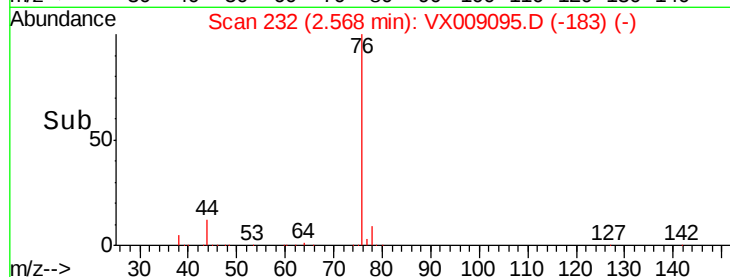
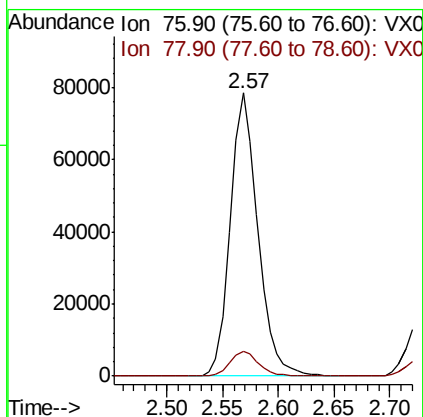
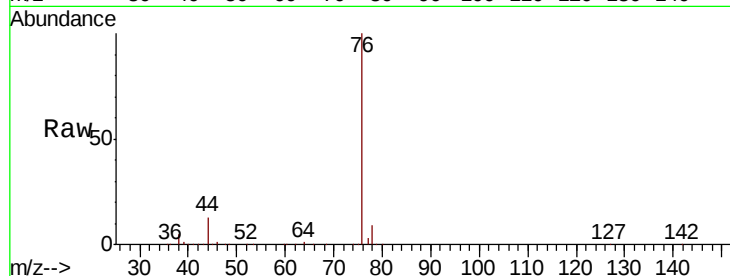




#17
Carbon Disulfide
Concen: 22.350 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

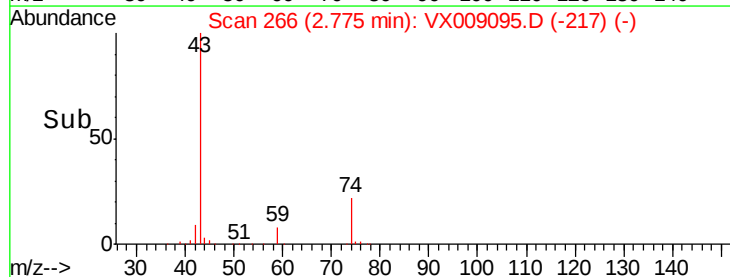
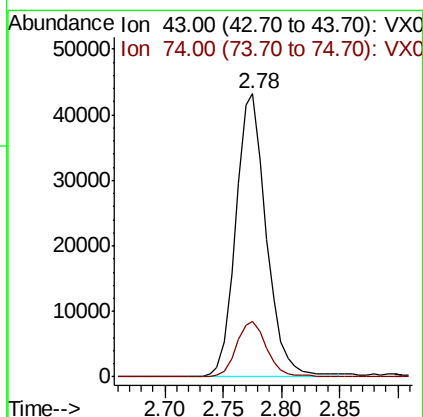
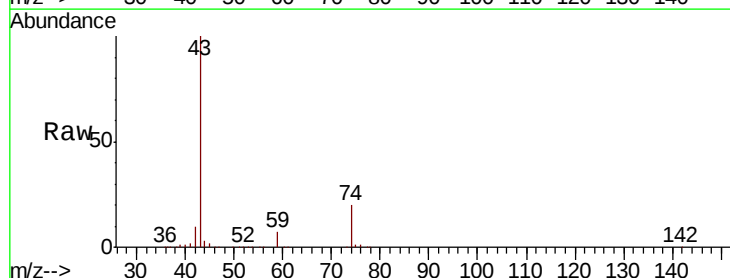
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

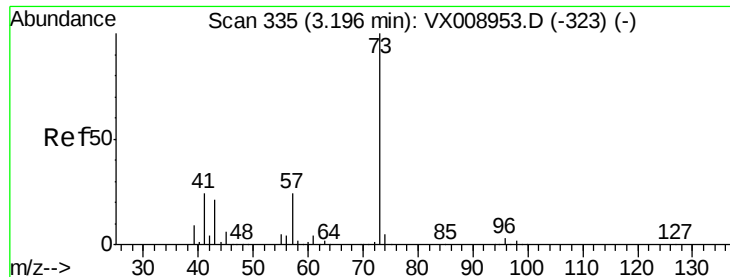
Tot Ion: 76 Resp: 134464
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 22.003 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Tgt Ion: 43 Resp: 79133
Ion Ratio Lower Upper
43 100
74 19.9 16.6 25.0

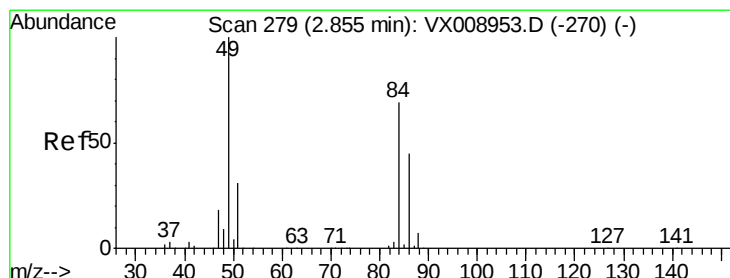
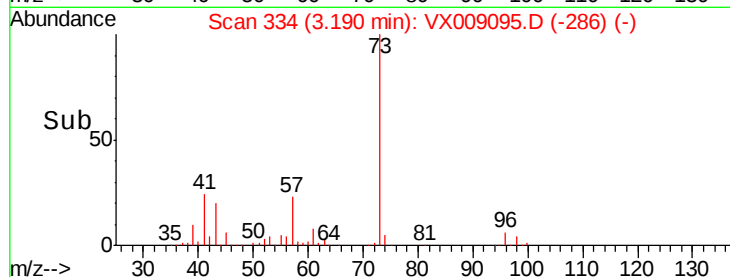
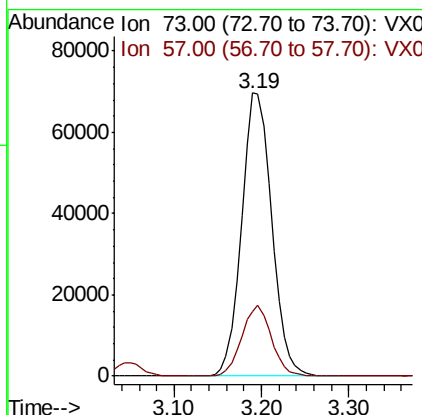
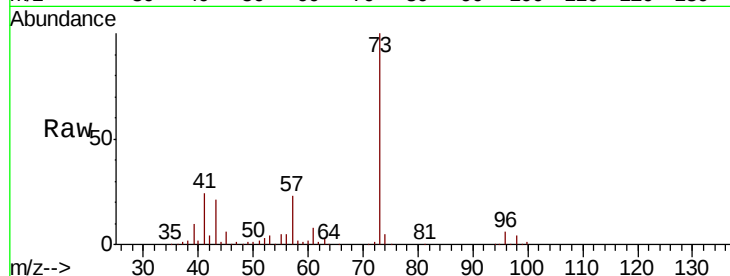




#19
Methvl tert-butvl Ether
Concen: 22.170 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

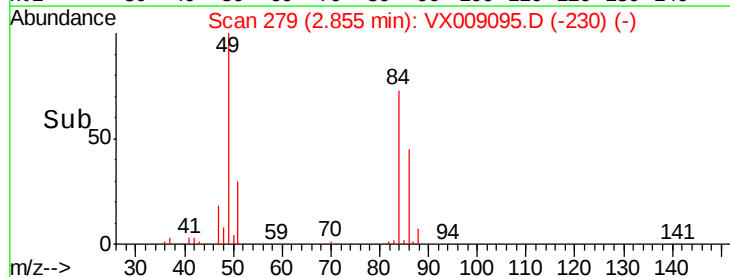
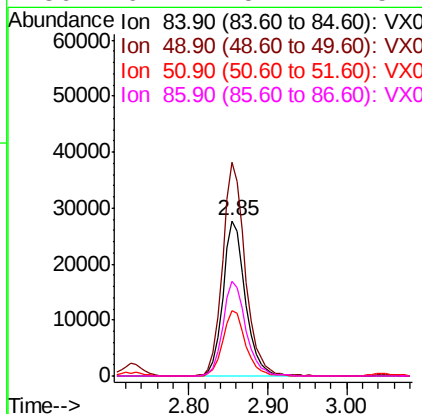
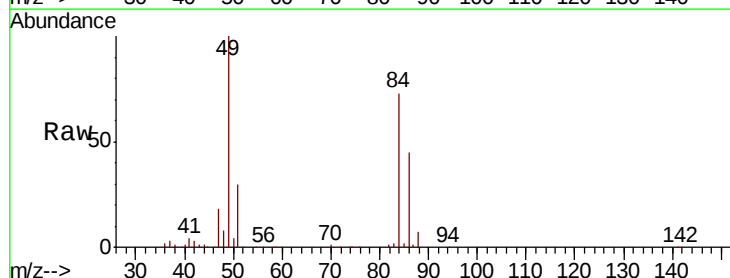
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

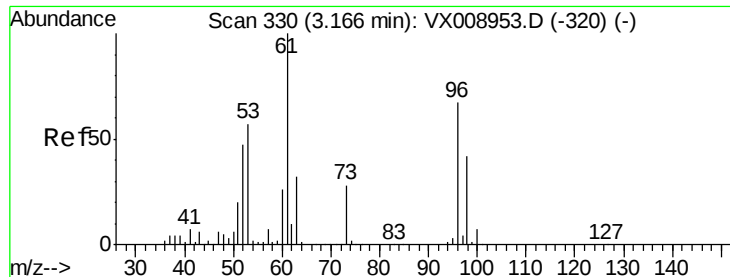
Tot Ion: 73 Resp: 167035
Ion Ratio Lower Upper
73 100
57 22.9 19.2 28.8



#20
Methylene Chloride
Concen: 22.060 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Tgt Ion: 84 Resp: 54364
Ion Ratio Lower Upper
84 100
49 137.6 115.4 173.0
51 41.9 35.8 53.6
86 61.4 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 21.277 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

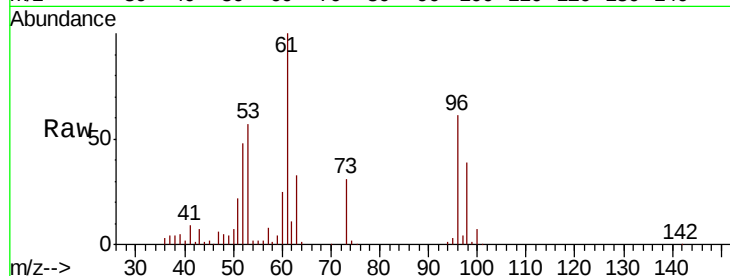
Tot Ion: 96 Resp: 47989

Ion Ratio Lower Upper

96 100

61 162.9 120.3 180.5

98 64.3 50.2 75.2

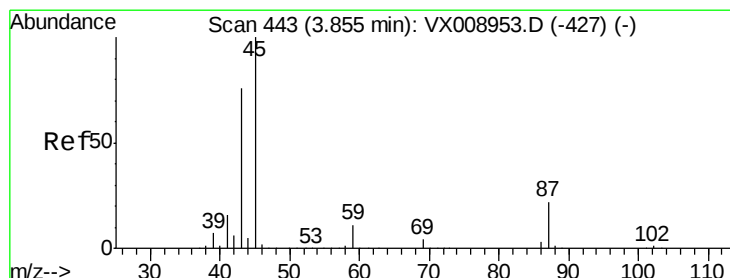
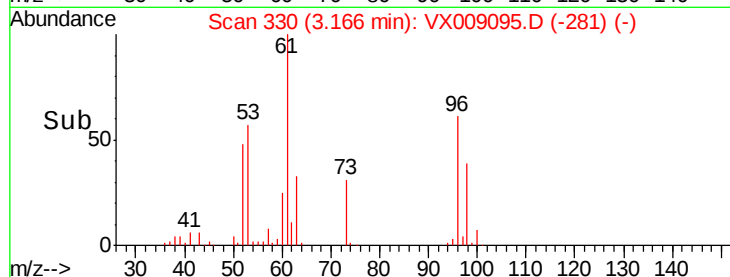
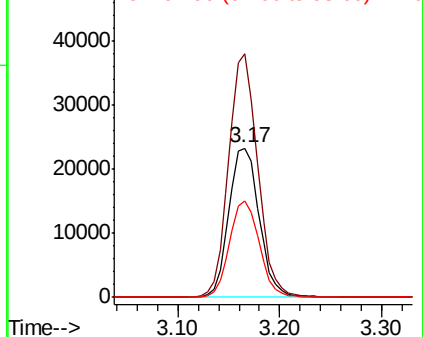


Abundance

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: 22.848 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Tgt Ion: 45 Resp: 204815

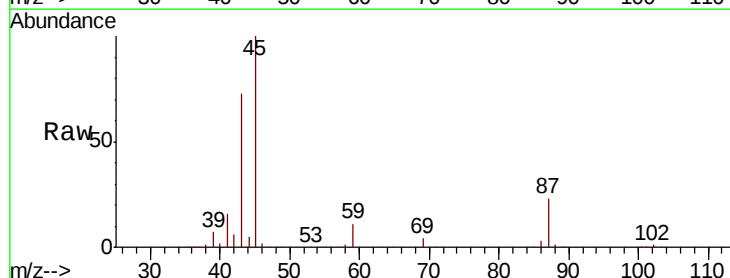
Ion Ratio Lower Upper

45 100

43 73.1 60.6 91.0

87 23.5 17.8 26.8

59 11.0 8.7 13.1



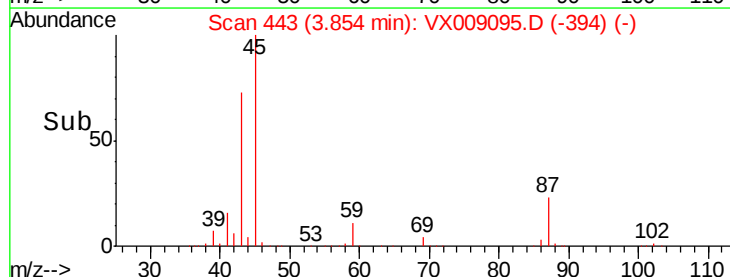
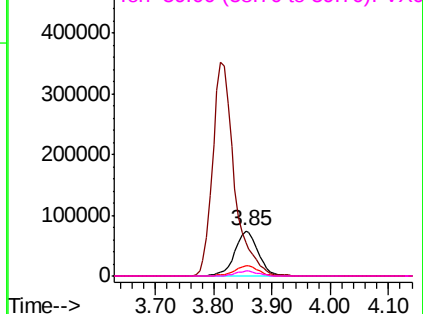
Abundance

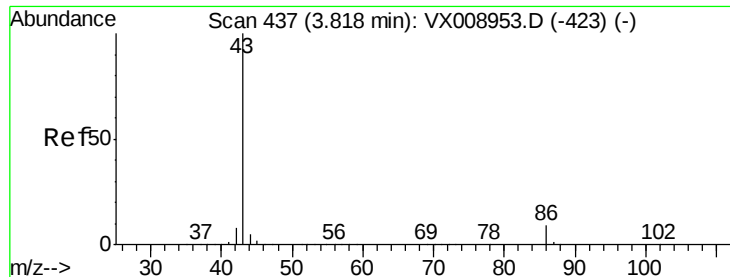
Ion 45.00 (44.70 to 45.70): VX0

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: 115.214 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleID :

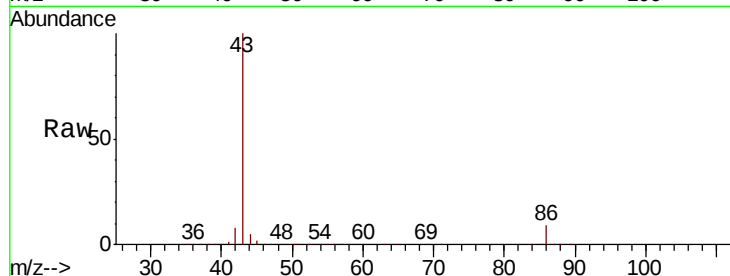
VX0422WBSD01

Tot Ion: 43 Resp: 907893

Ion Ratio Lower Upper

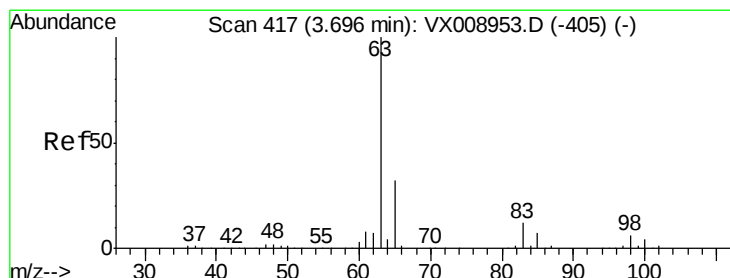
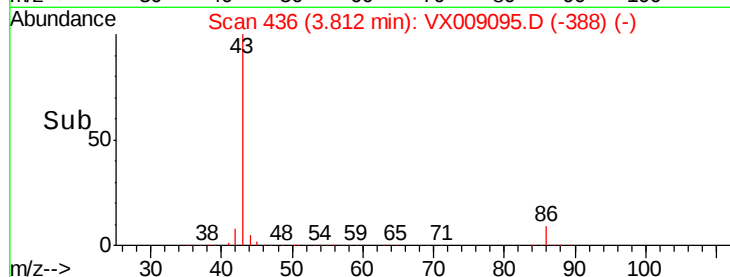
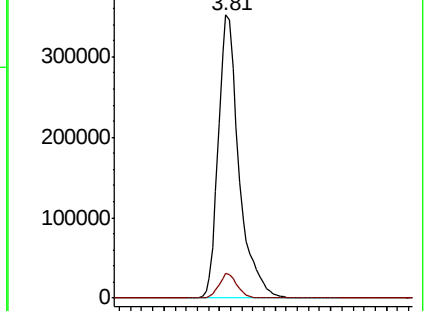
43 100

86 8.6 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 22.090 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

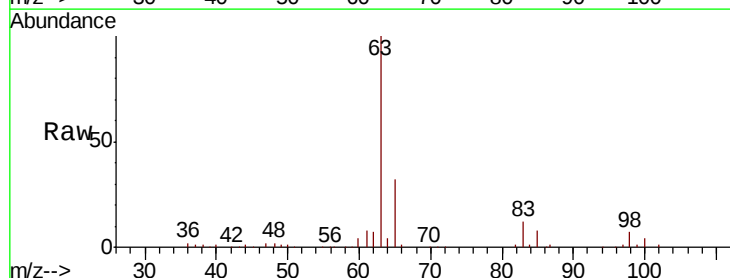
Tgt Ion: 63 Resp: 99403

Ion Ratio Lower Upper

63 100

98 6.5 3.1 9.3

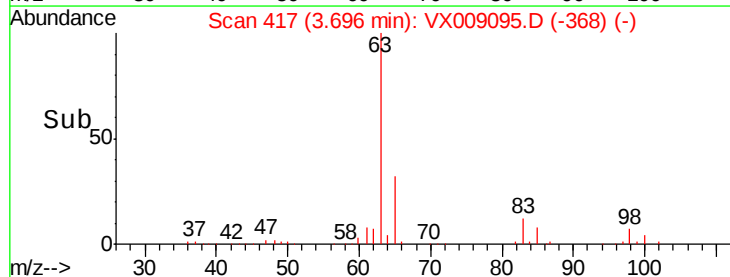
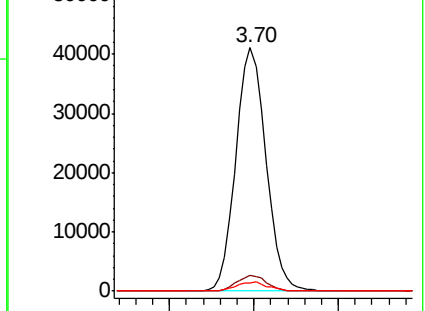
100 3.6 1.9 5.7

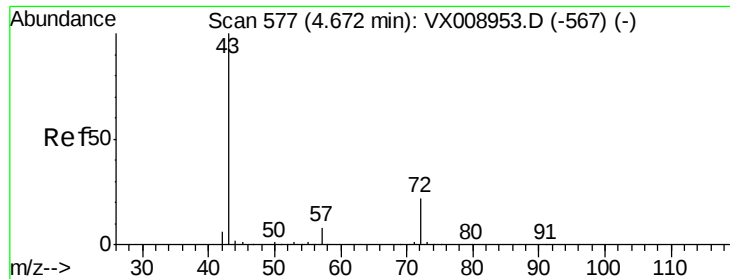


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 115.423 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

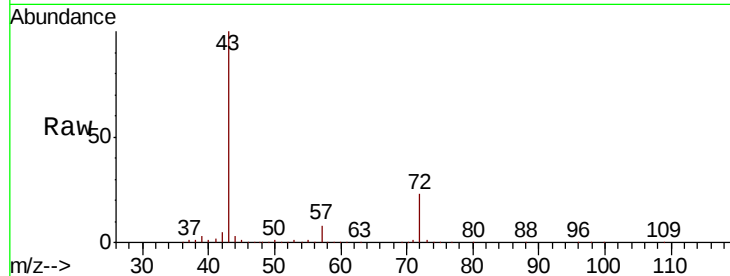
VX0422WBSD01

Tot Ion: 43 Resp: 265867

Ion Ratio Lower Upper

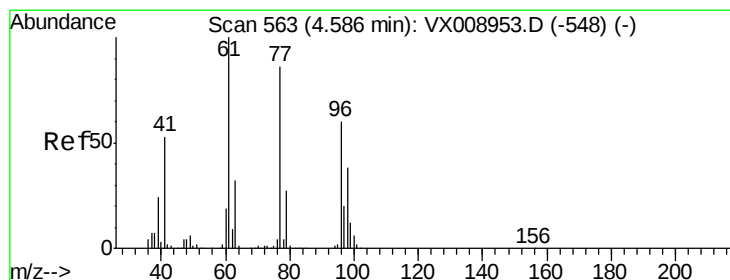
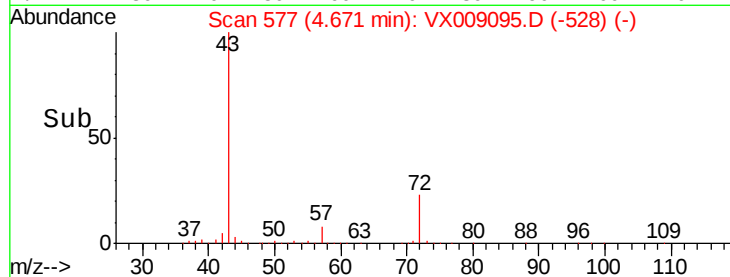
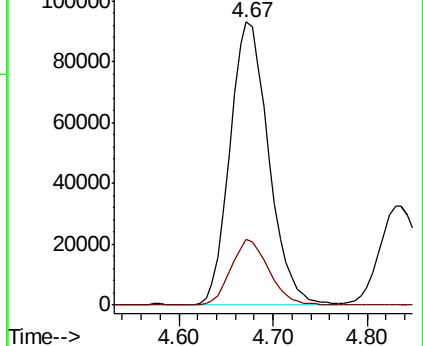
43 100

72 23.3 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.558 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX009095.D

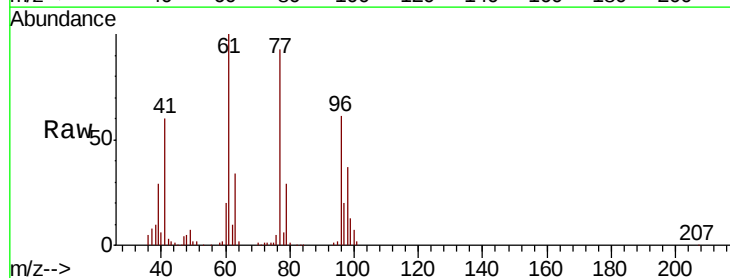
Acq: 22 Apr 2019 14:25

Tgt Ion: 77 Resp: 65972

Ion Ratio Lower Upper

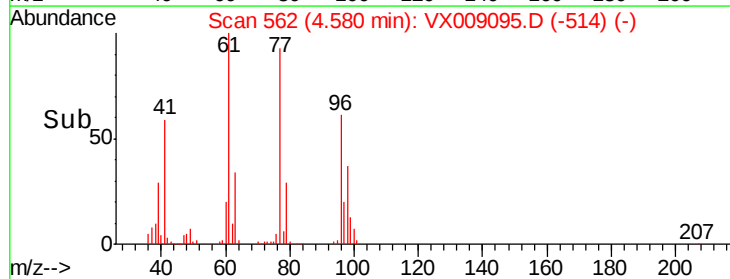
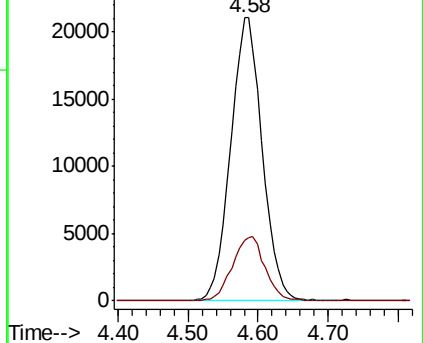
77 100

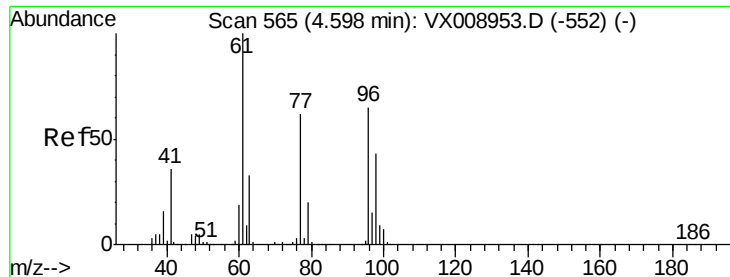
97 23.2 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



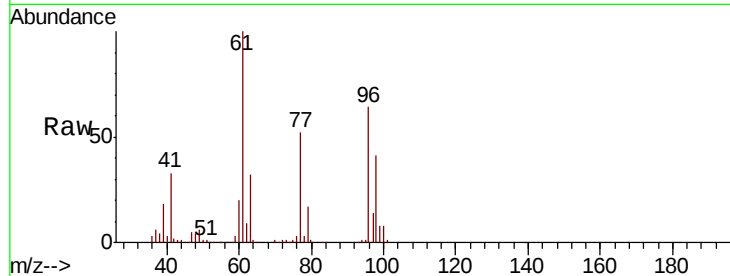


#27

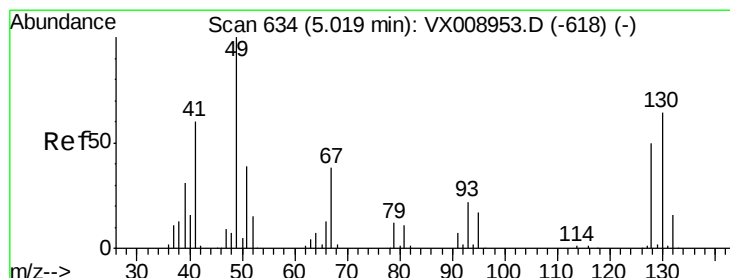
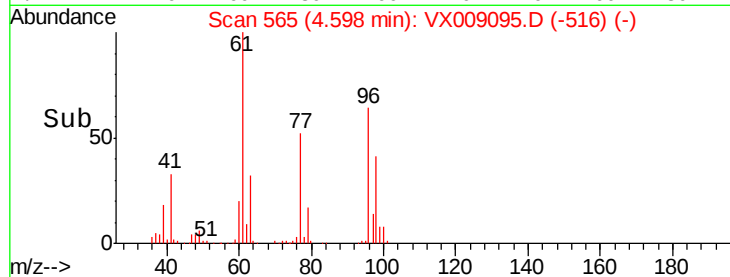
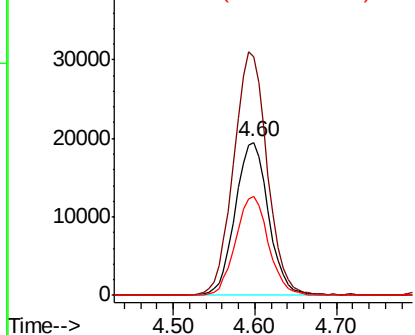
cis-1,2-Dichloroethene
 Concen: 21.550 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX009095.D
 Acq: 22 Apr 2019 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBSD01

Tot Ion: 96 Resp: 55184
 Ion Ratio Lower Upper
 96 100
 61 161.0 0.0 322.0
 98 63.9 0.0 128.4



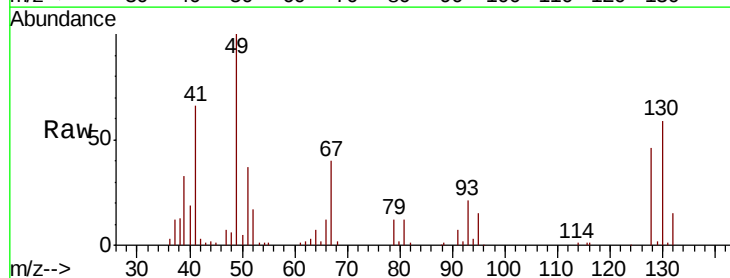
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



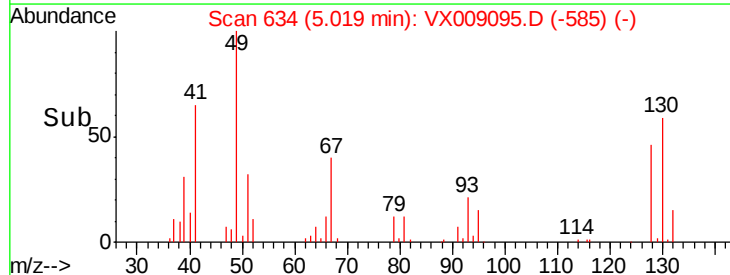
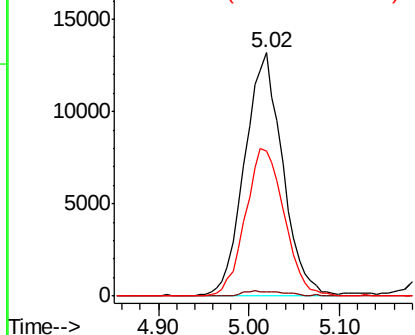
#28

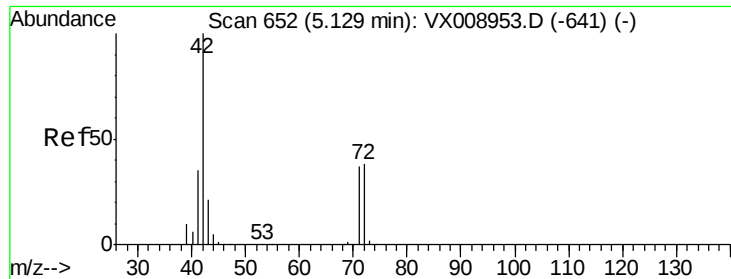
Bromochloromethane
 Concen: 19.297 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX009095.D
 Acq: 22 Apr 2019 14:25

Tgt Ion: 49 Resp: 38282
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.6
 130 61.9 50.4 75.6



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

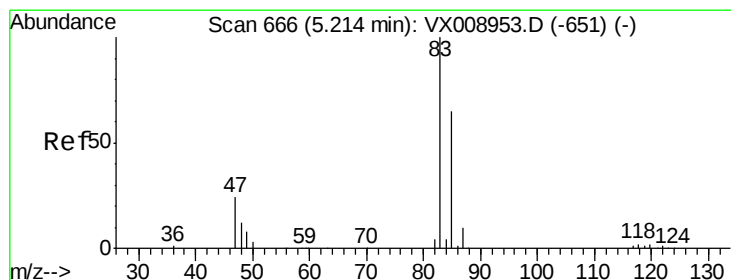
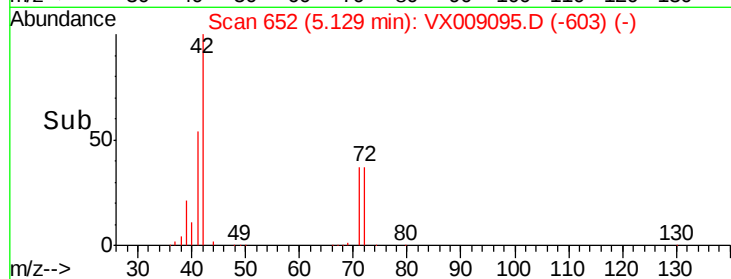
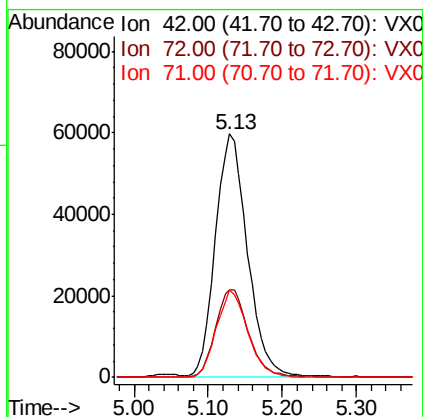
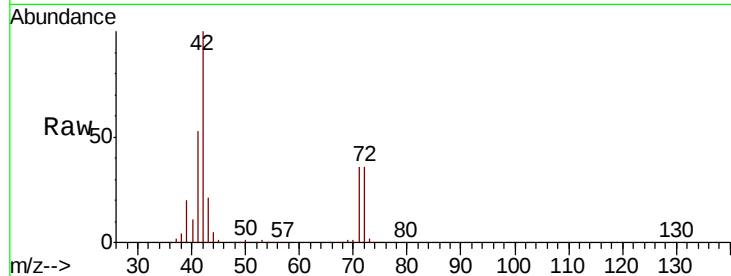




#29
Tetrahydrofuran
Concen: 114.937 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

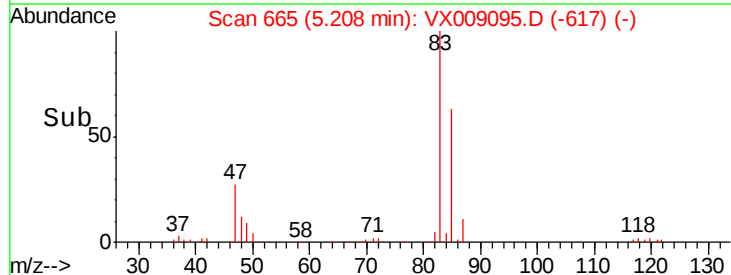
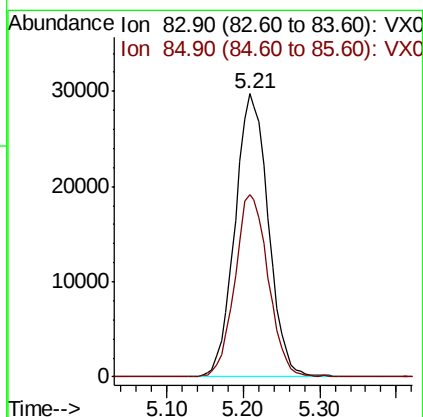
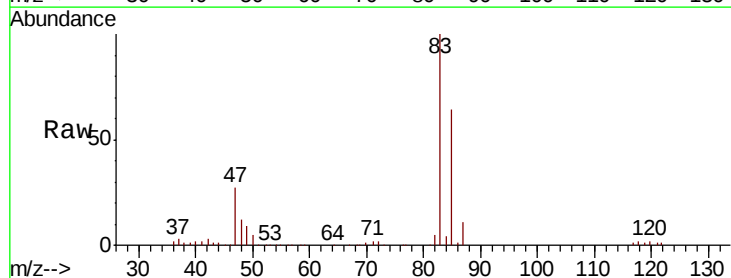
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

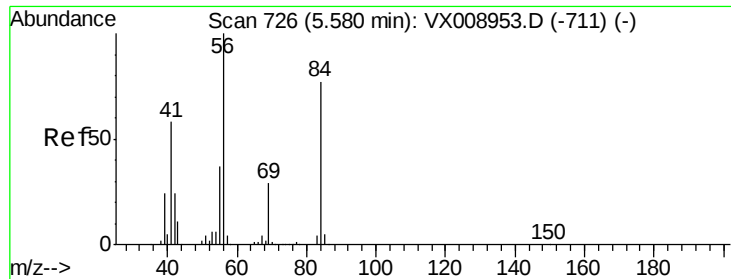
Tot Ion: 42 Resp: 177200
Ion Ratio Lower Upper
42 100
72 37.5 30.6 45.8
71 35.6 28.8 43.2



#30
Chloroform
Concen: 22.347 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Tgt Ion: 83 Resp: 89987
Ion Ratio Lower Upper
83 100
85 64.3 51.9 77.9

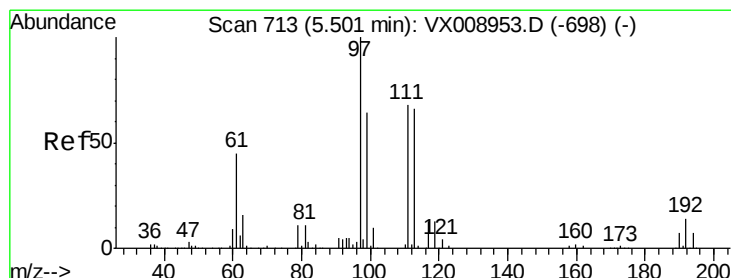
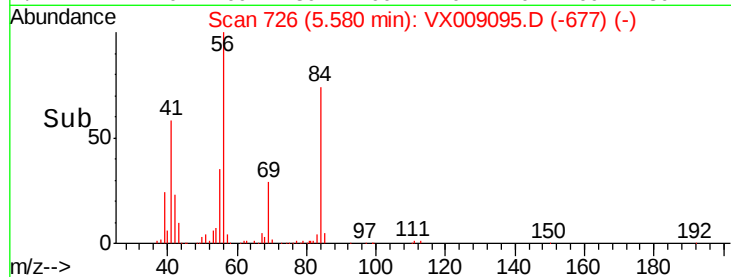
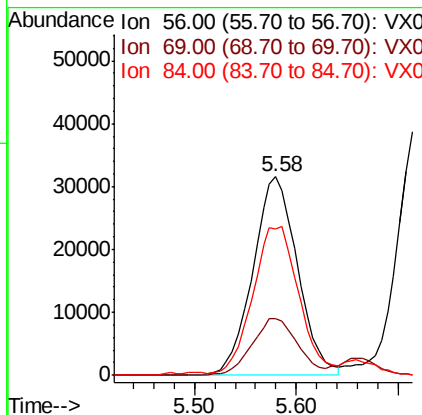
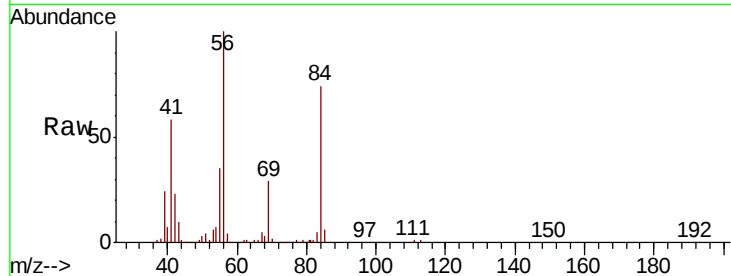




#31
Cyclohexane
Concen: 21.678 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

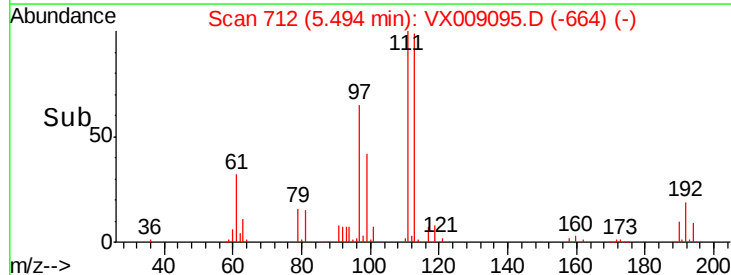
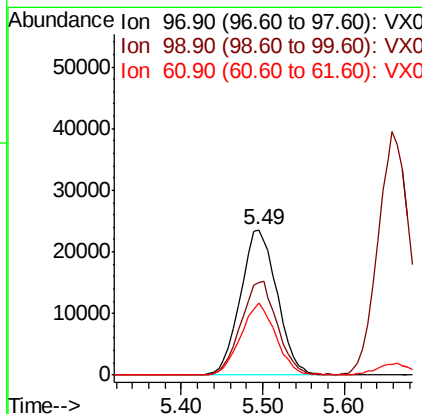
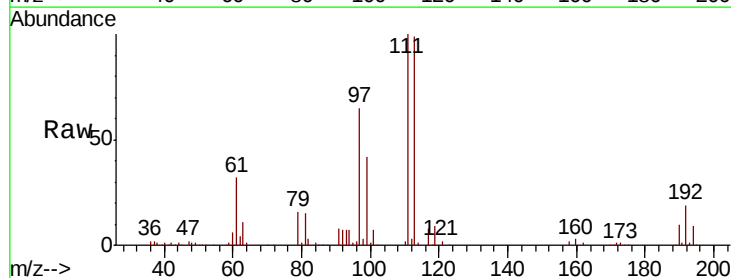
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

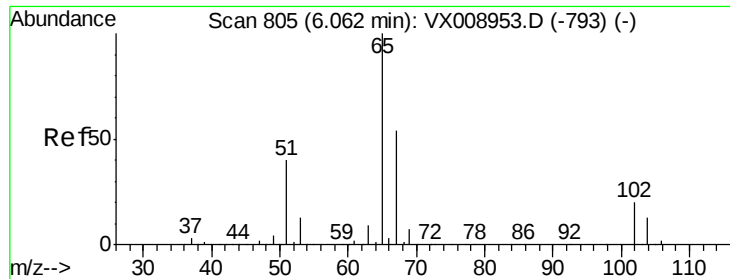
Tot Ion: 56 Resp: 95947
Ion Ratio Lower Upper
56 100
69 28.6 23.3 34.9
84 71.9 61.7 92.5



#32
1,1,1-Trichloroethane
Concen: 22.021 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Tgt Ion: 97 Resp: 73494
Ion Ratio Lower Upper
97 100
99 64.0 51.6 77.4
61 48.0 37.9 56.9





#33

1,2-Dichloroethane-d4

Concen: 50.471 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

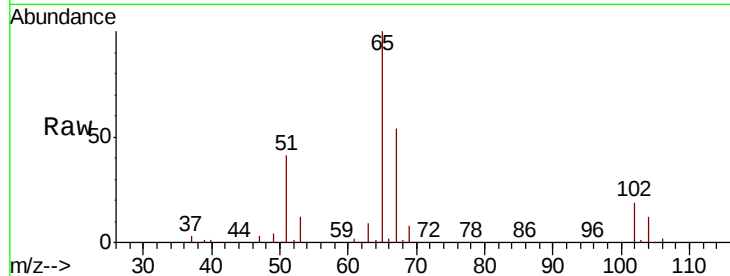
VX0422WBSD01

Tot Ion: 65 Resp: 140252

Ion Ratio Lower Upper

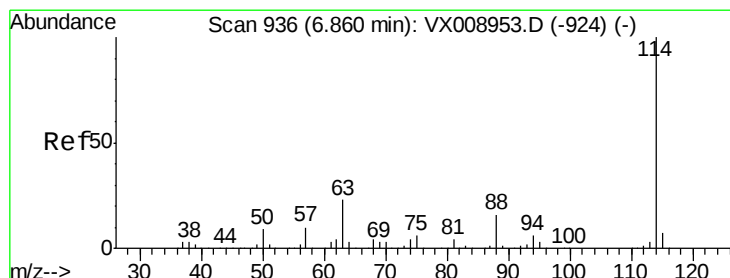
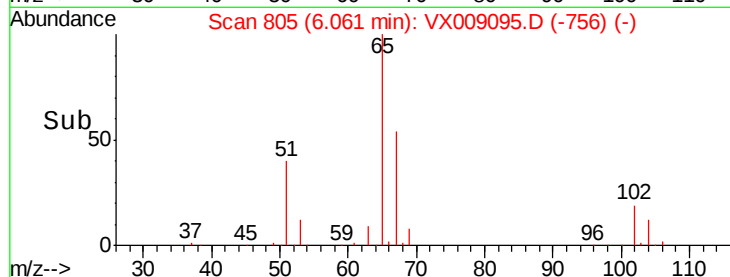
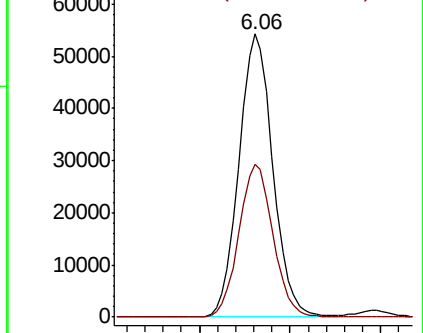
65 100

67 54.5 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

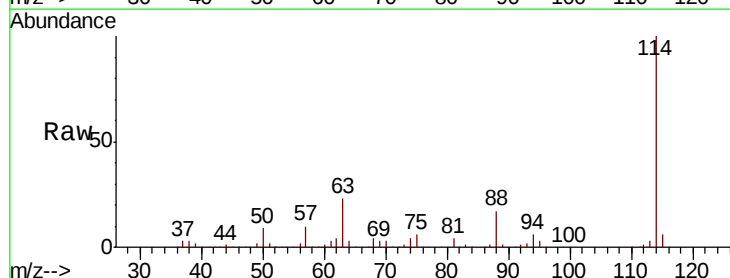
Tgt Ion: 114 Resp: 326886

Ion Ratio Lower Upper

114 100

63 22.7 0.0 46.0

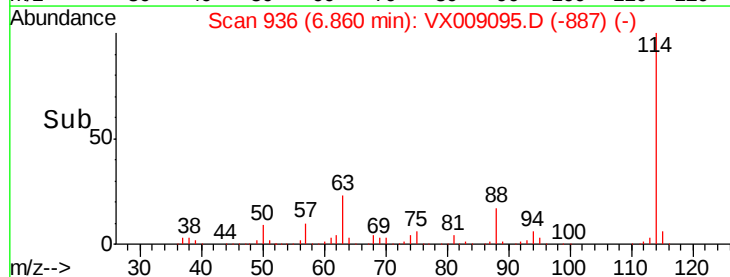
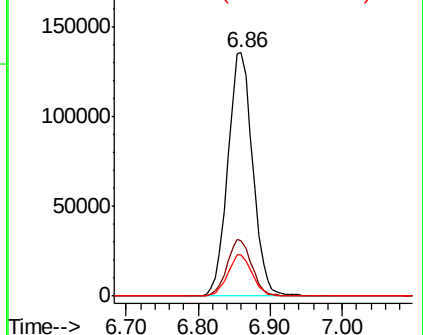
88 16.8 0.0 32.6

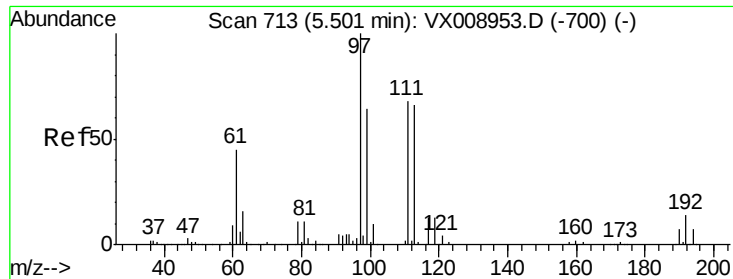


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.634 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

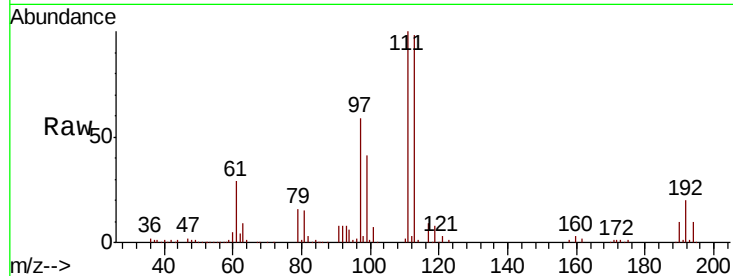
Tot Ion:113 Resp: 104127

Ion Ratio Lower Upper

113 100

111 103.1 82.9 124.3

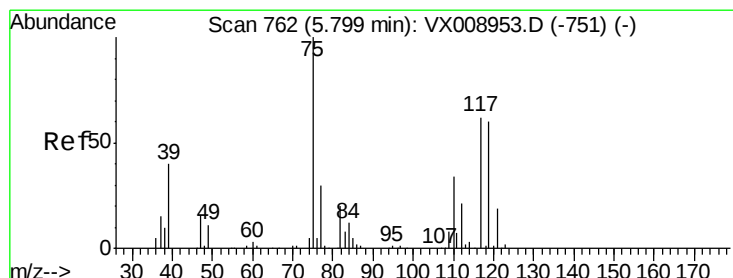
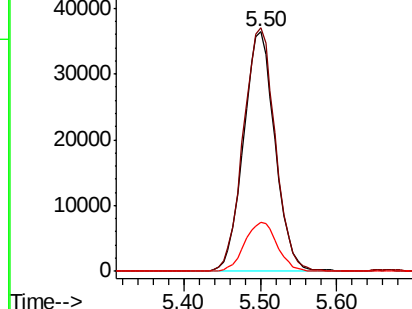
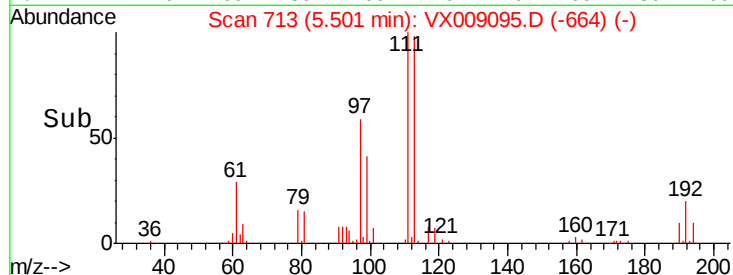
192 21.3 17.4 26.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.776 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

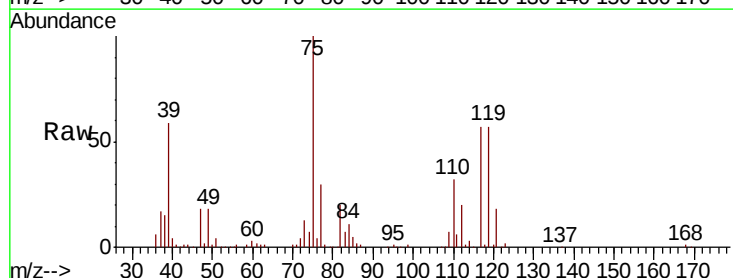
Tgt Ion: 75 Resp: 70236

Ion Ratio Lower Upper

75 100

110 33.0 16.9 50.7

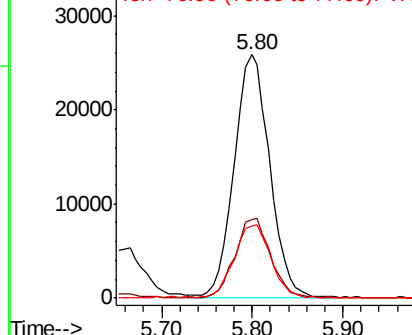
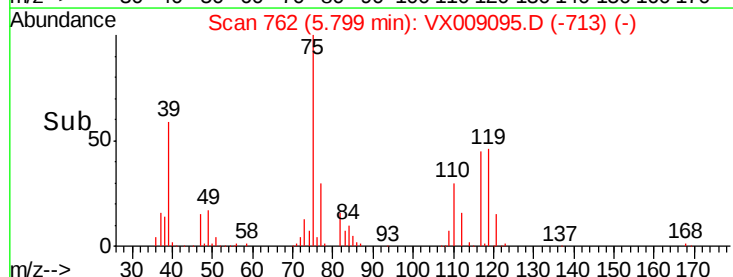
77 30.5 25.0 37.4

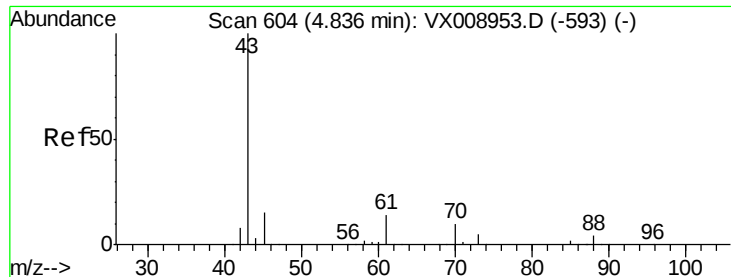


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

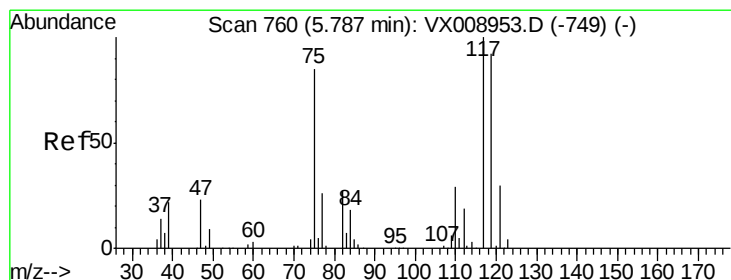
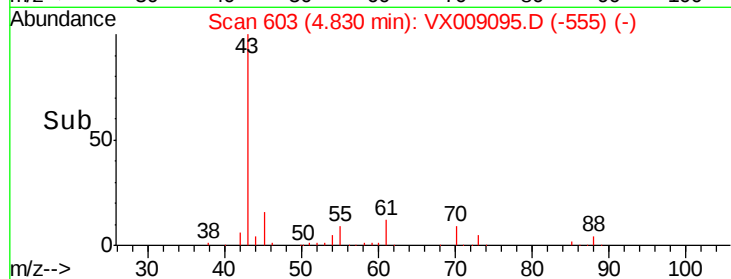
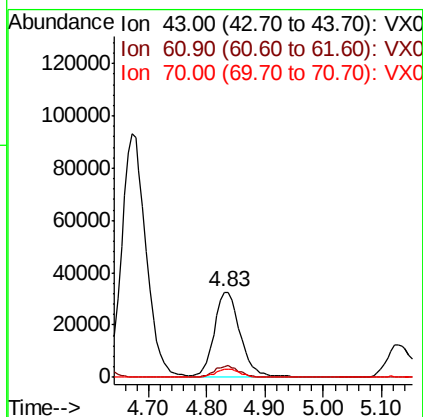
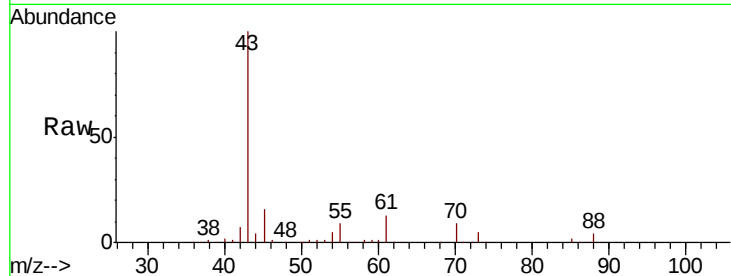




#37
Ethyl Acetate
Concen: 23.127 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

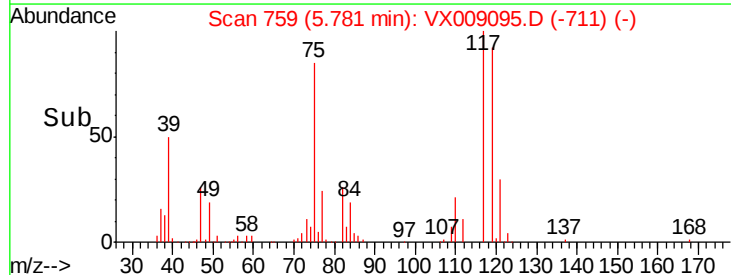
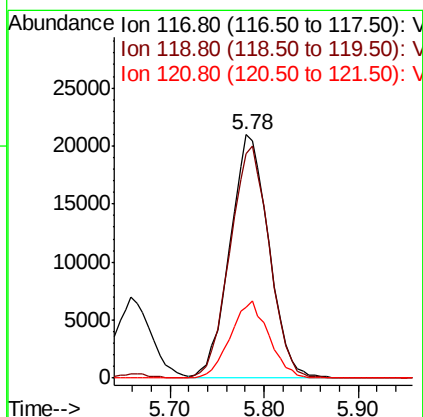
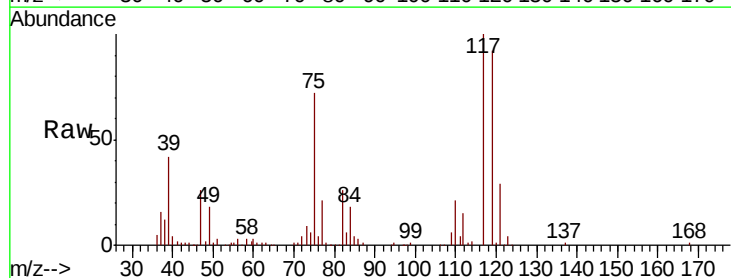
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

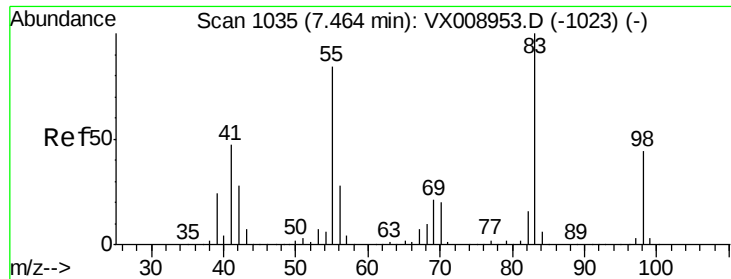
Tot Ion: 43 Resp: 100606
Ion Ratio Lower Upper
43 100
61 13.1 10.6 15.8
70 9.7 7.7 11.5



#38
Carbon Tetrachloride
Concen: 21.123 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Tgt Ion: 117 Resp: 60540
Ion Ratio Lower Upper
117 100
119 92.0 73.8 110.8
121 29.3 23.6 35.4

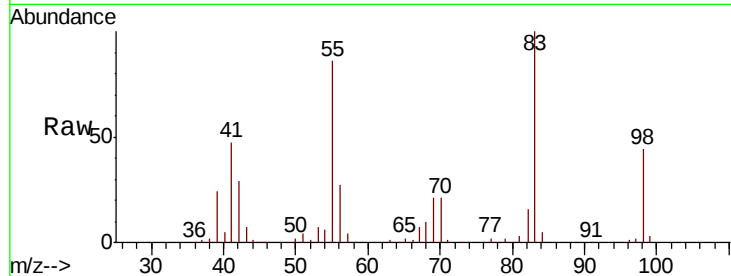




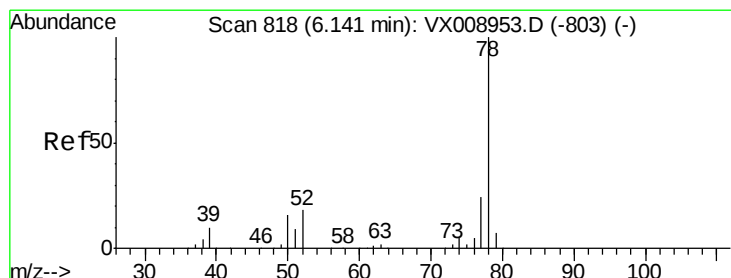
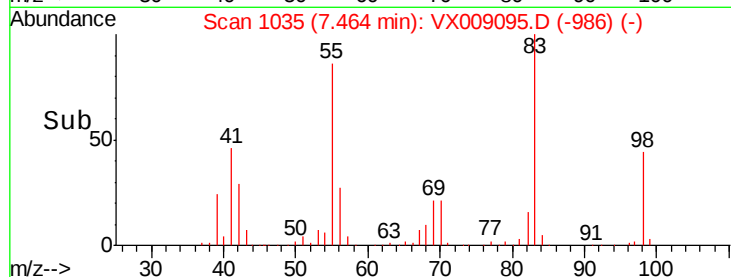
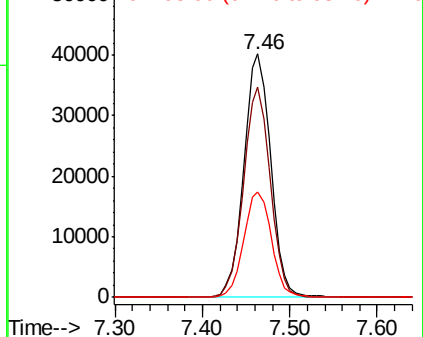
#39
Methvlcvclohexane
Concen: 20.785 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion: 83 Resp: 85554
Ion Ratio Lower Upper
83 100
55 86.1 67.1 100.7
98 43.5 35.1 52.7

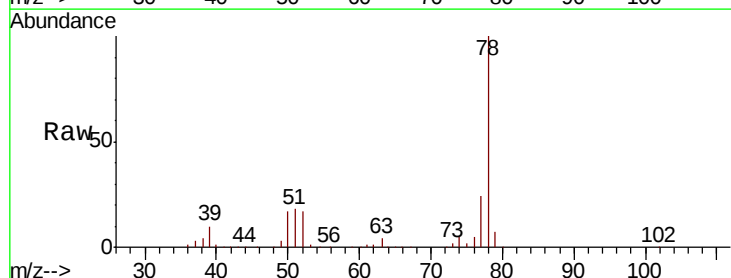


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

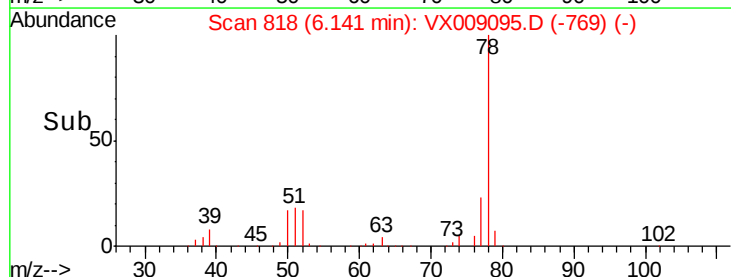
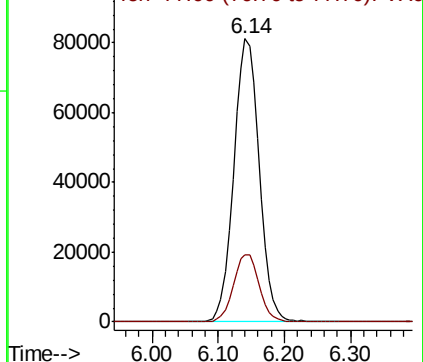


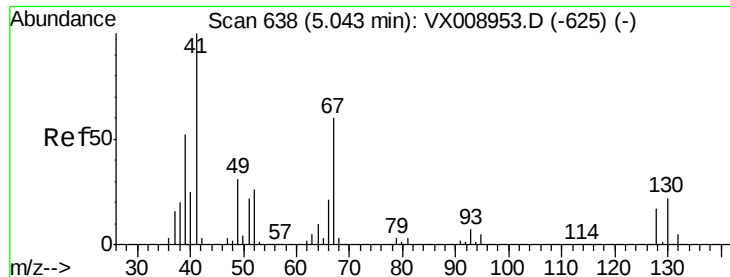
#40
Benzene
Concen: 21.683 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Tgt Ion: 78 Resp: 216249
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6



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

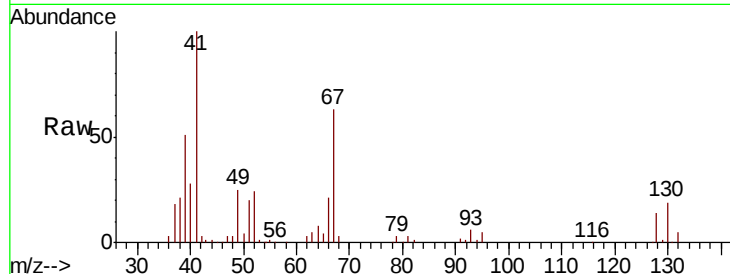




#41
Methacrylonitrile
Concen: 22.551 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion:	41	Resp:	56302
Ion	Ratio	Lower	Upper
41	100		
39	52.1	41.8	62.6
67	63.4	50.2	75.4
52	25.5	21.1	31.7



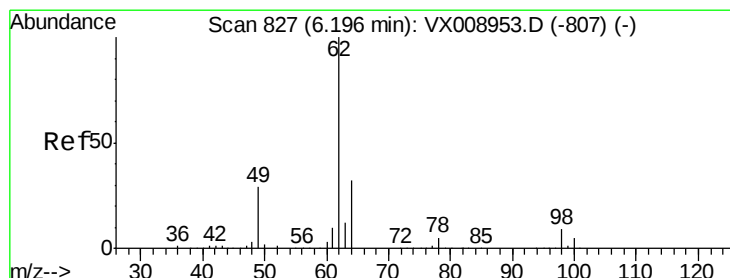
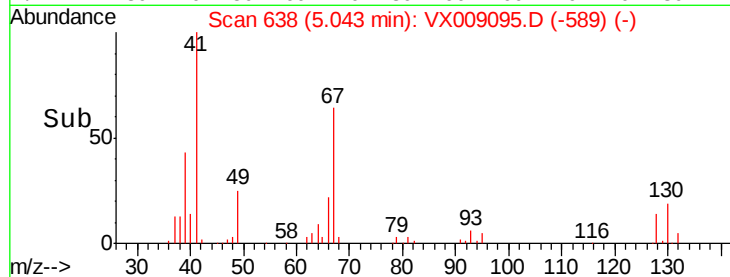
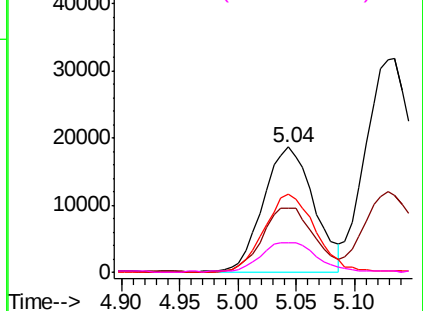
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

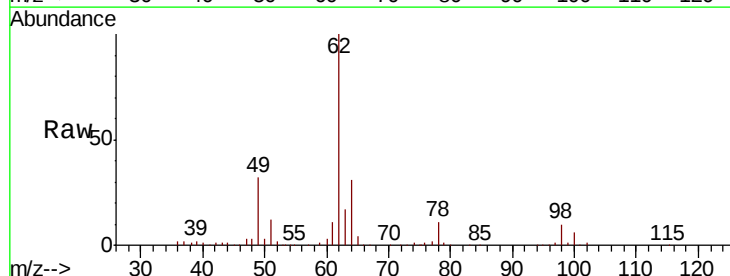
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 21.860 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

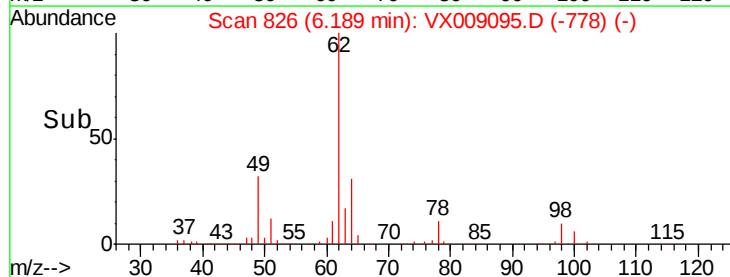
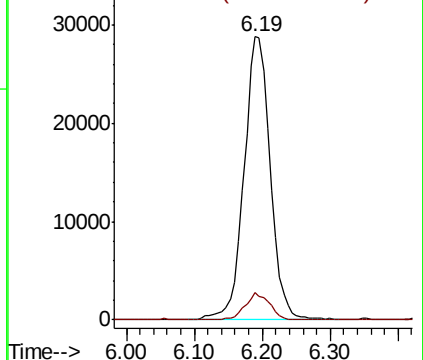
Tgt Ion:	62	Resp:	77229
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.4

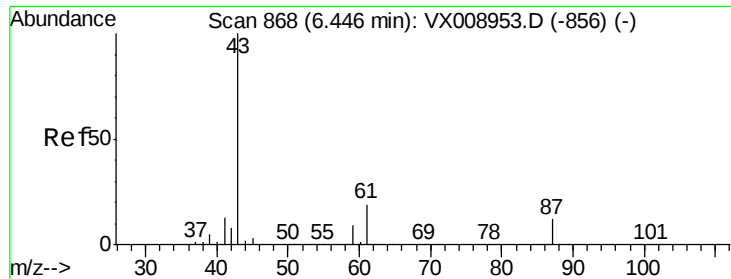


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



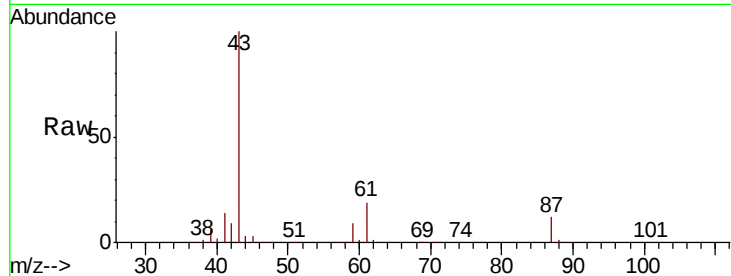


#43

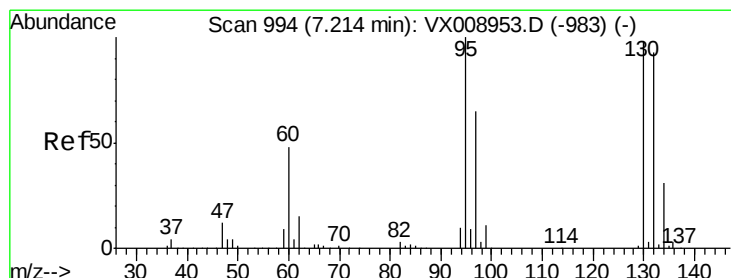
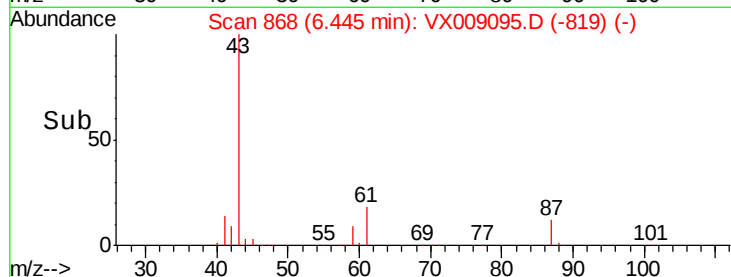
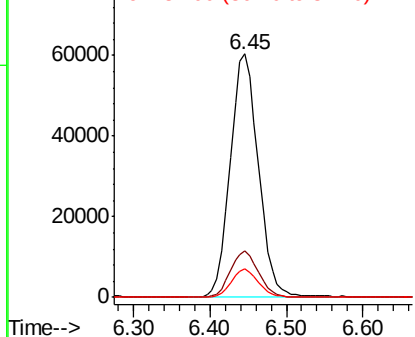
Isopropyl Acetate
 Concen: 21.828 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009095.D
 Acq: 22 Apr 2019 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBSD01

Tot Ion: 43 Resp: 153021
 Ion Ratio Lower Upper
 43 100
 61 19.2 15.4 23.0
 87 11.3 9.0 13.4



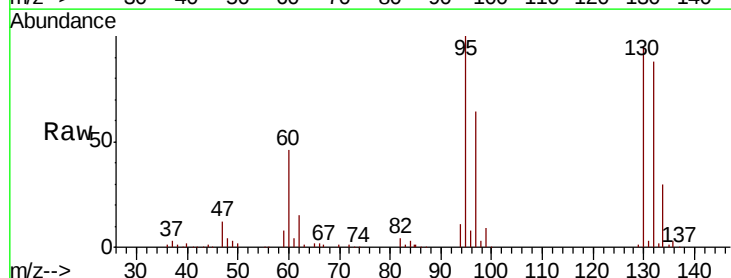
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



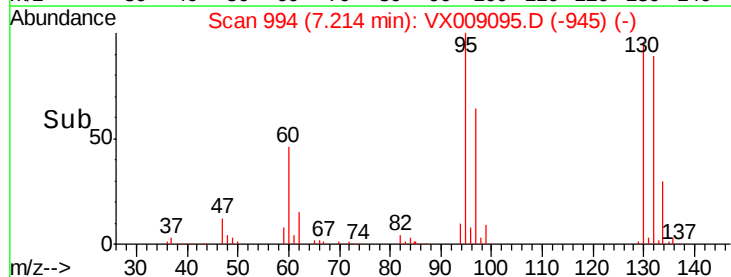
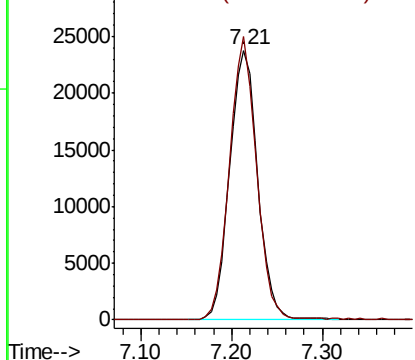
#44

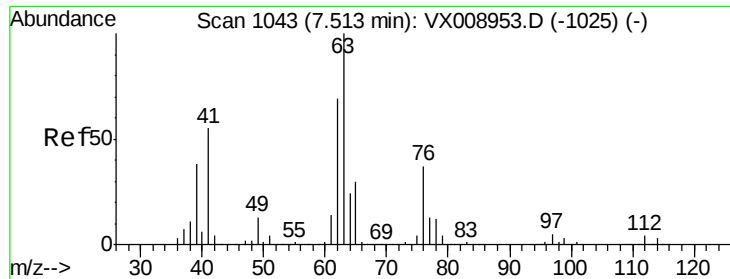
Trichloroethene
 Concen: 20.911 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009095.D
 Acq: 22 Apr 2019 14:25

Tgt Ion: 130 Resp: 51099
 Ion Ratio Lower Upper
 130 100
 95 104.9 0.0 203.2



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





#45

1,2-Dichloropropane

Concen: 22.324 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

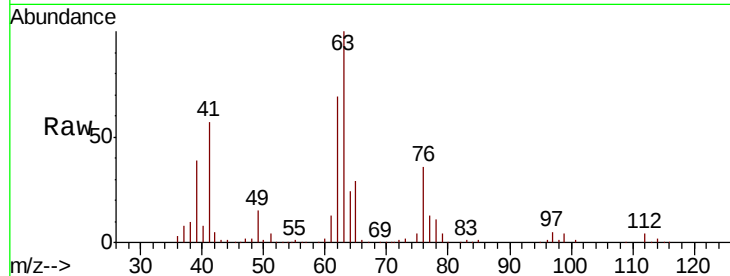
VX0422WBSD01

Tot Ion: 63 Resp: 61768

Ion Ratio Lower Upper

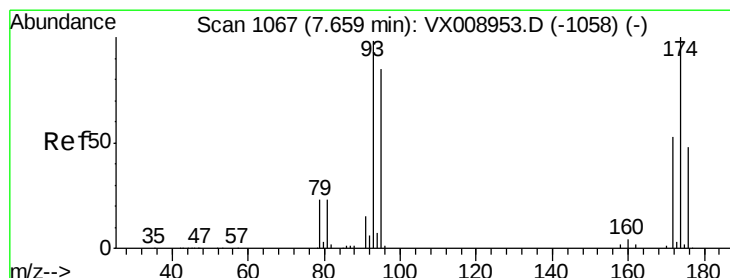
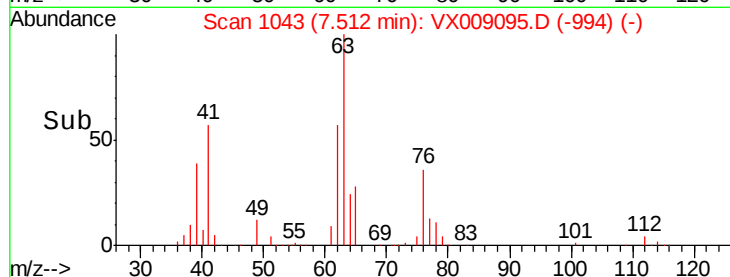
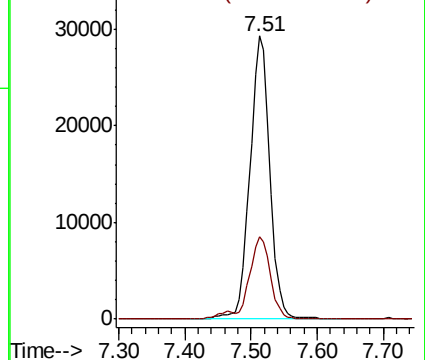
63 100

65 29.2 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 21.333 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

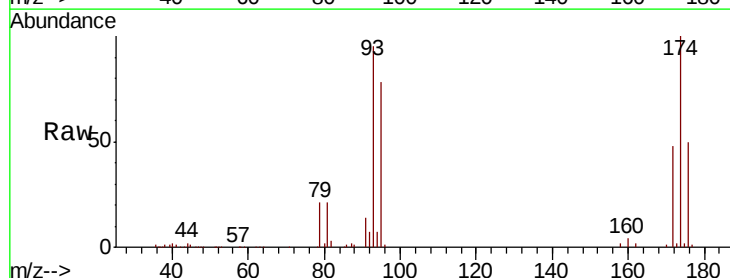
Tgt Ion: 93 Resp: 34352

Ion Ratio Lower Upper

93 100

95 84.1 67.0 100.4

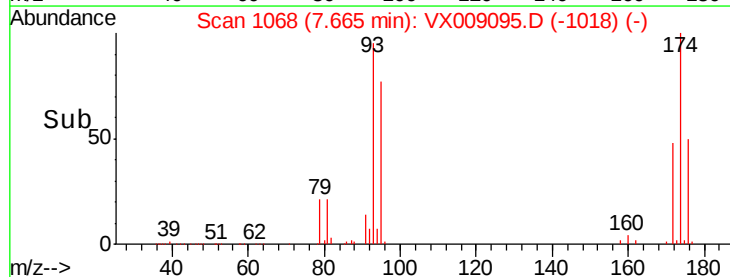
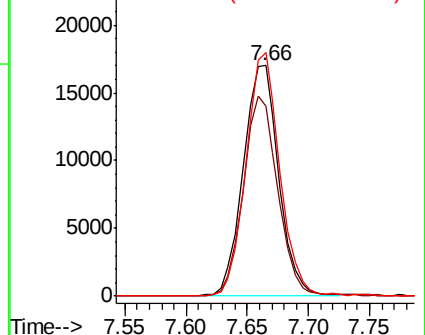
174 100.9 81.6 122.4

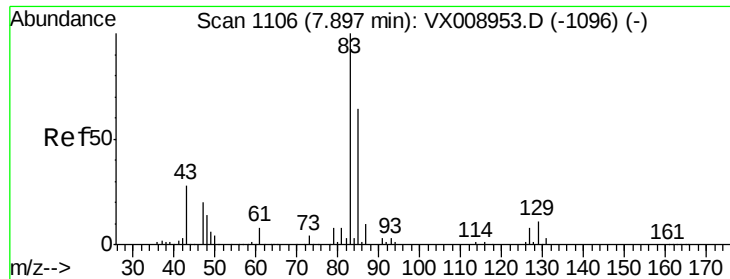


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.321 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

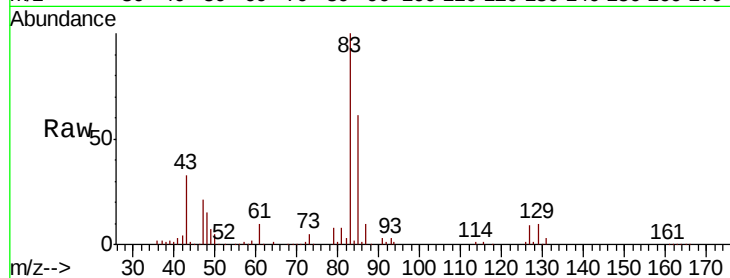
Tot Ion: 83 Resp: 67337

Ion Ratio Lower Upper

83 100

85 60.7 50.8 76.2

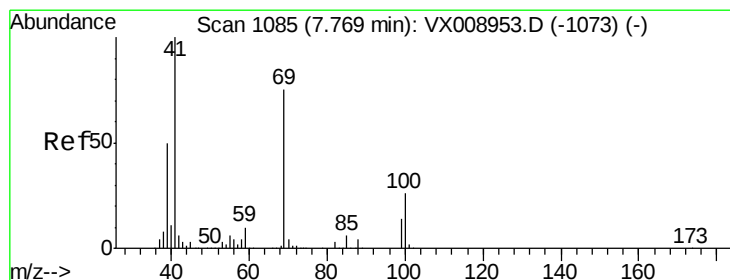
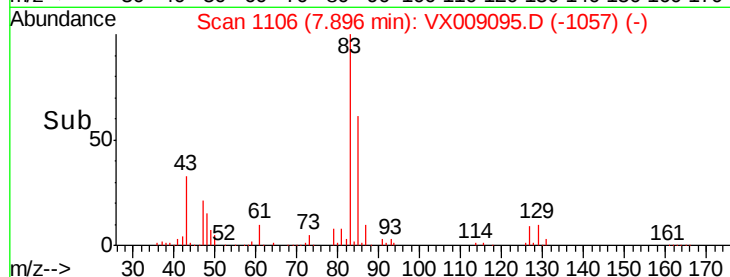
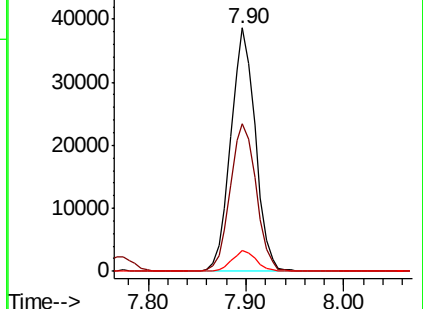
127 8.7 6.4 9.6



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: 22.419 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

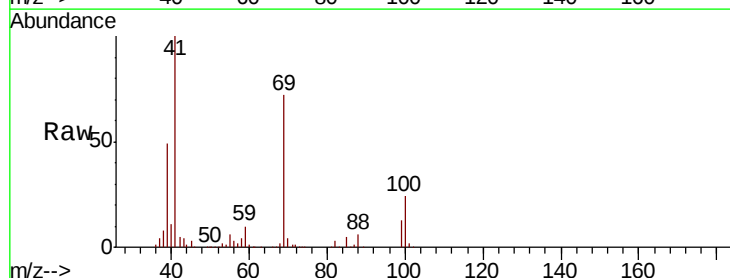
Tgt Ion: 41 Resp: 77658

Ion Ratio Lower Upper

41 100

69 73.7 59.4 89.2

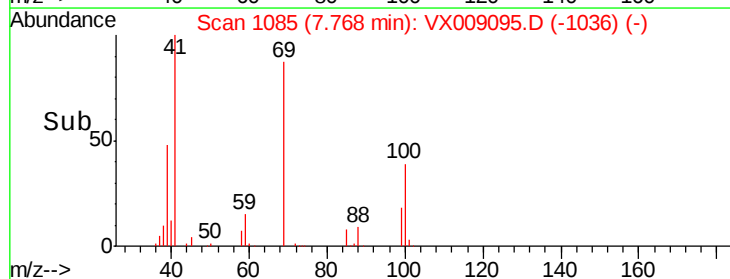
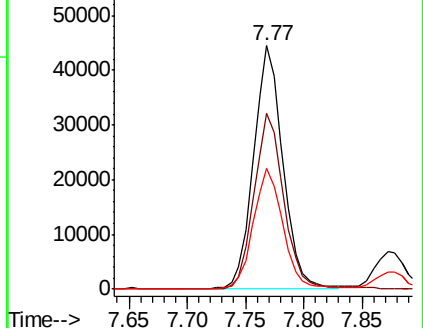
39 50.0 39.8 59.6

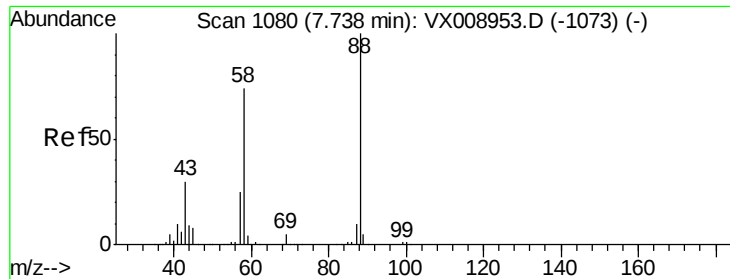


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

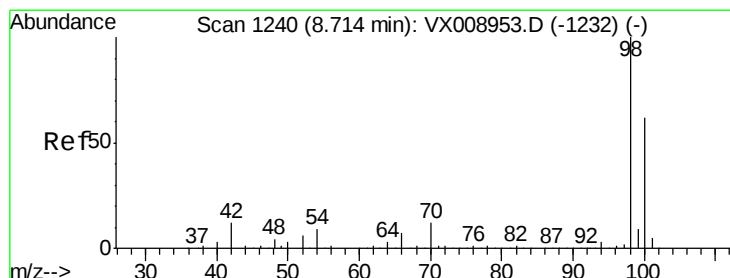
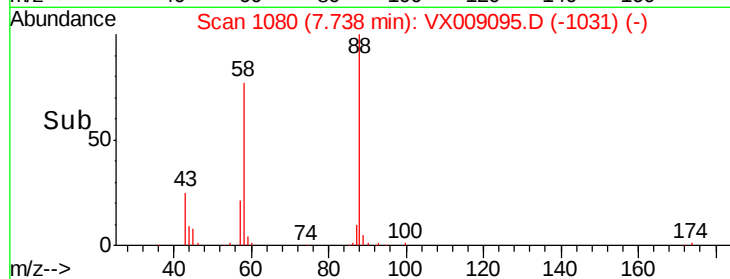
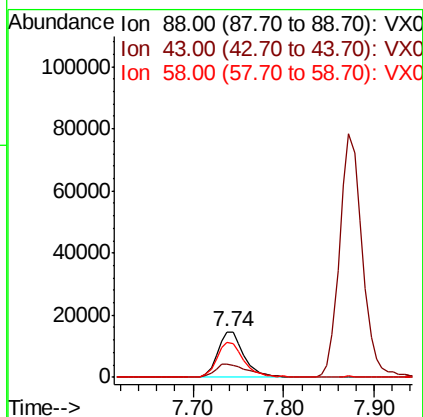
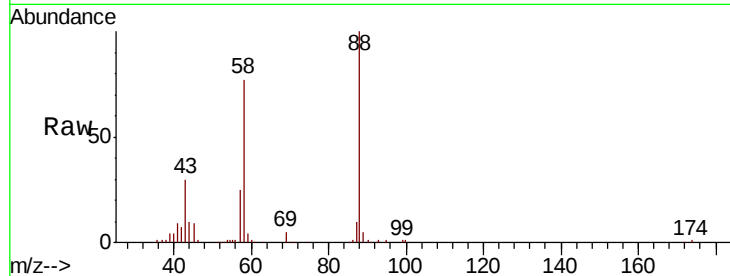




#49
1,4-Dioxane
Concen: 457.558 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

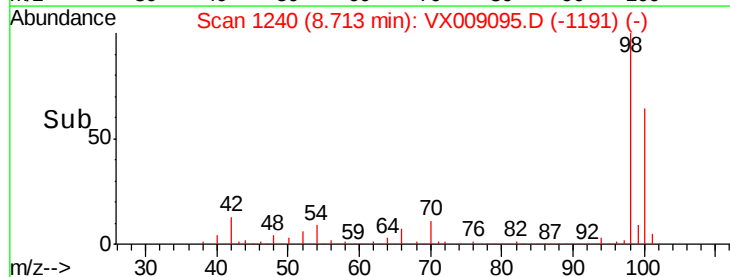
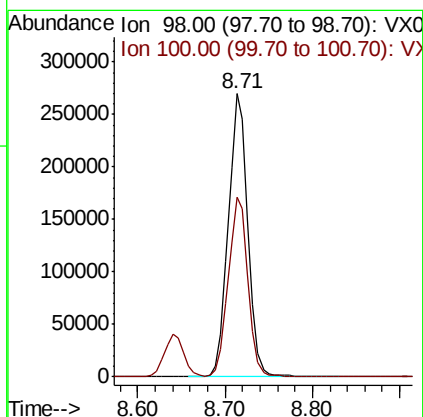
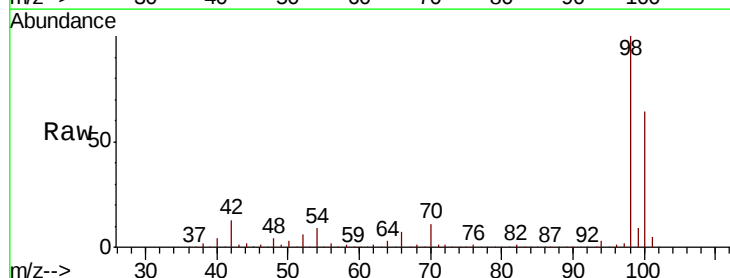
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

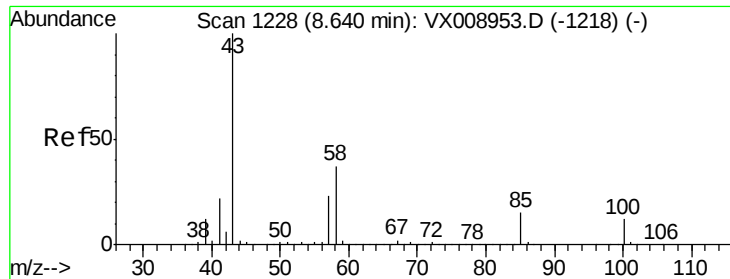
Tot Ion: 88 Resp: 29665
Ion Ratio Lower Upper
88 100
43 37.9 29.3 43.9
58 79.3 62.6 93.8



#50
Toluene-d8
Concen: 49.871 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Tgt Ion: 98 Resp: 417243
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.2

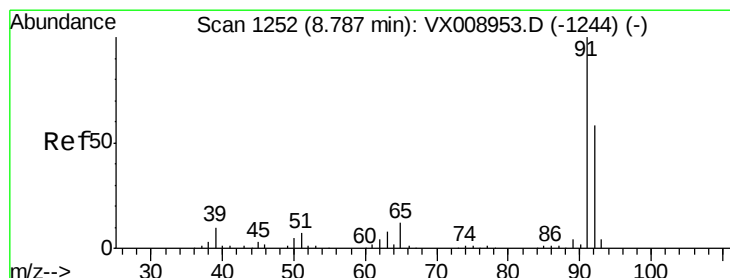
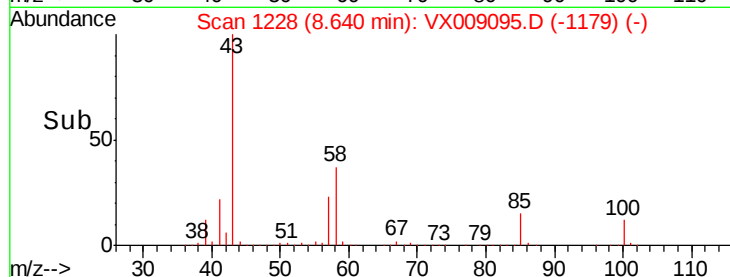
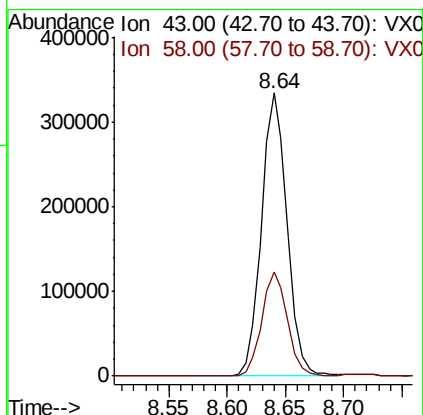
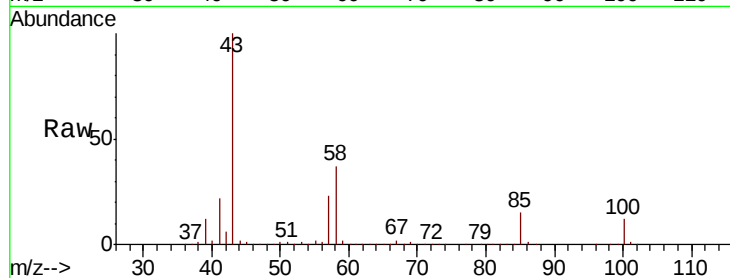




#51
 4-Methyl-2-Pentanone
 Concen: 114.569 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX009095.D
 Acq: 22 Apr 2019 14:25

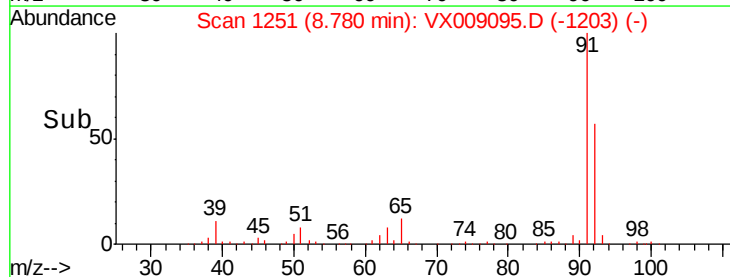
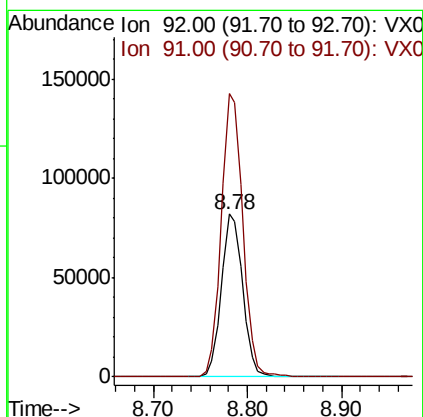
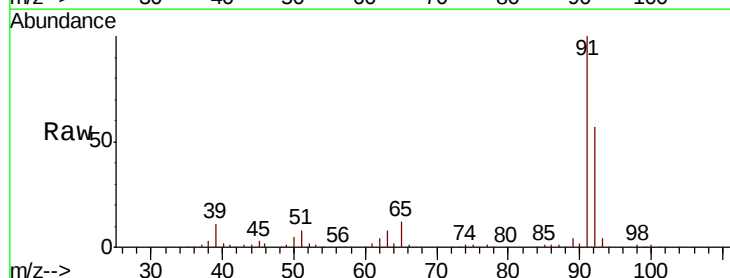
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBSD01

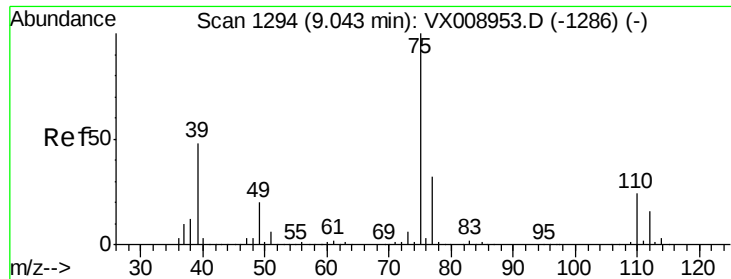
Tot Ion: 43 Resp: 511679
 Ion Ratio Lower Upper
 43 100
 58 36.8 29.8 44.6



#52
 Toluene
 Concen: 21.632 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX009095.D
 Acq: 22 Apr 2019 14:25

Tgt Ion: 92 Resp: 129296
 Ion Ratio Lower Upper
 92 100
 91 175.5 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 20.949 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

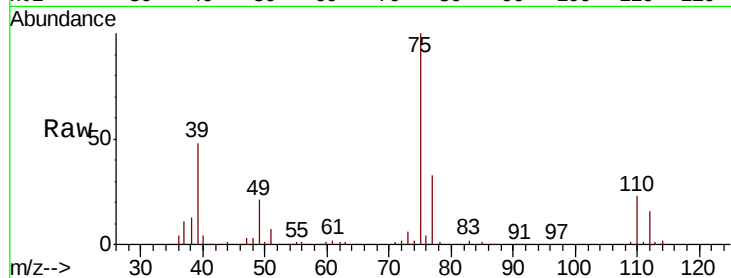
VX0422WBSD01

Tot Ion: 75 Resp: 76145

Ion Ratio Lower Upper

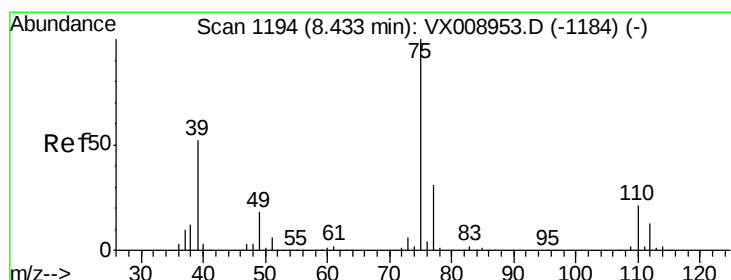
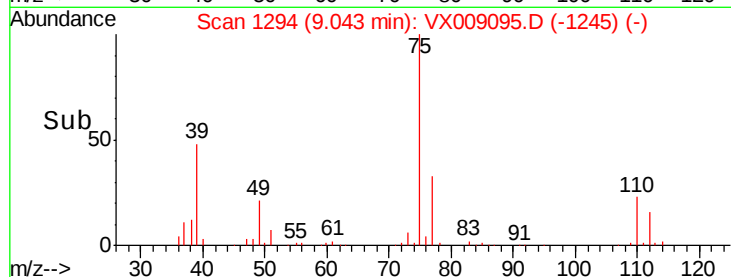
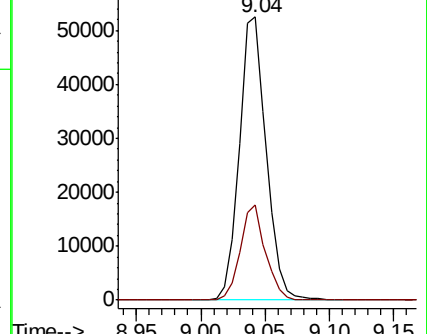
75 100

77 33.5 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.957 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

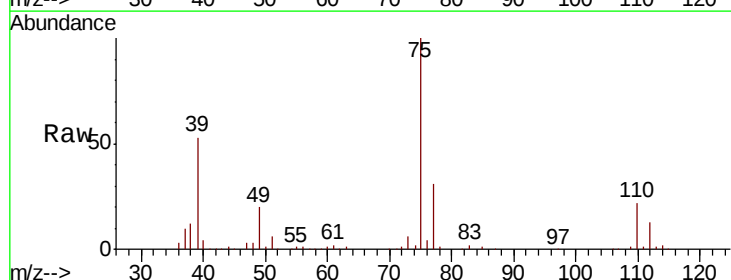
Tgt Ion: 75 Resp: 85291

Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2

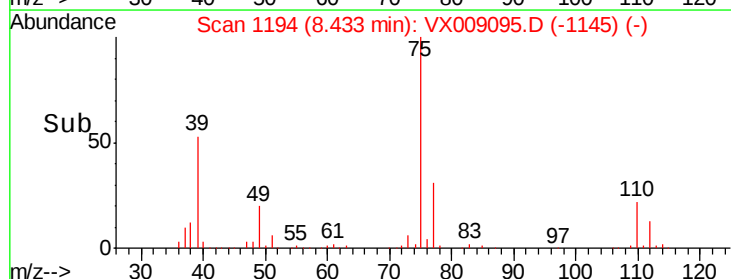
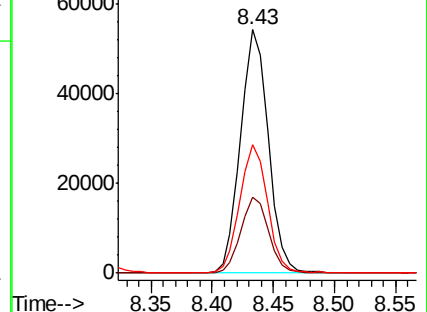
39 52.7 41.8 62.6

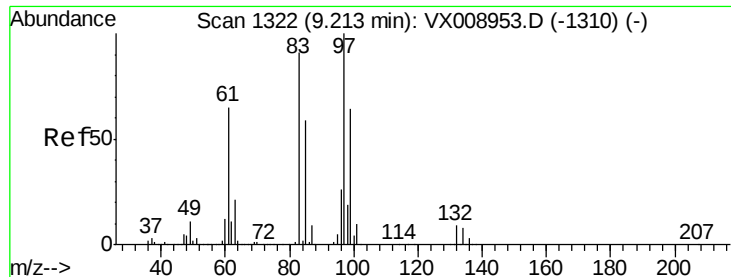


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

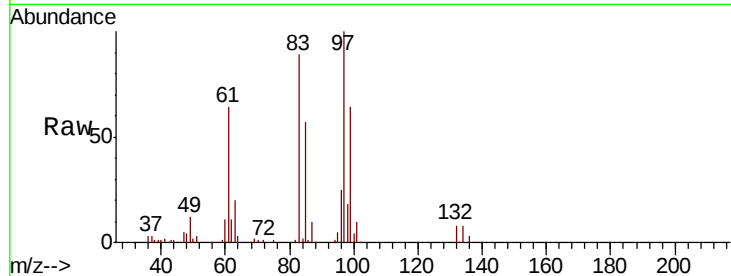




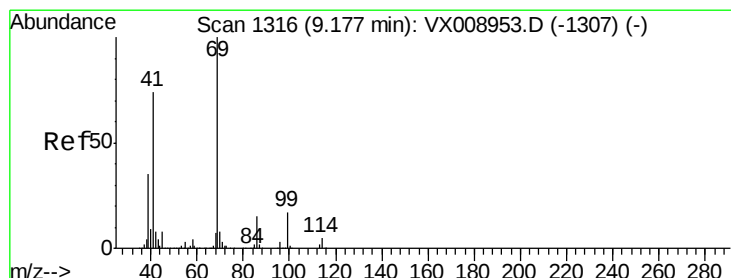
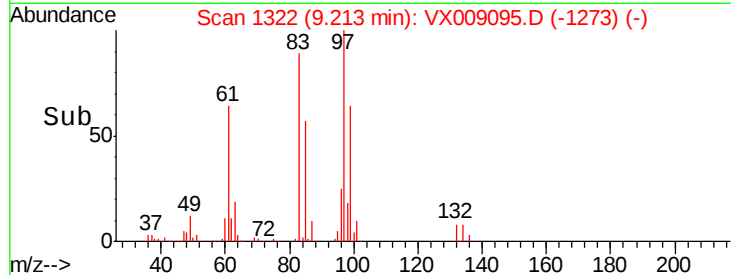
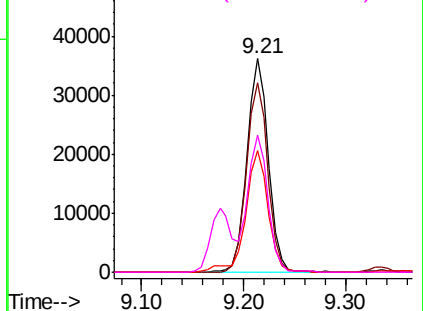
#55
 1,1,2-Trichloroethane
 Concen: 22.353 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009095.D
 Acq: 22 Apr 2019 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBSD01

Tot Ion:	97	Resp:	52952
Ion	Ratio	Lower	Upper
97	100		
83	88.5	72.6	108.8
85	57.2	46.9	70.3
99	64.2	51.0	76.6

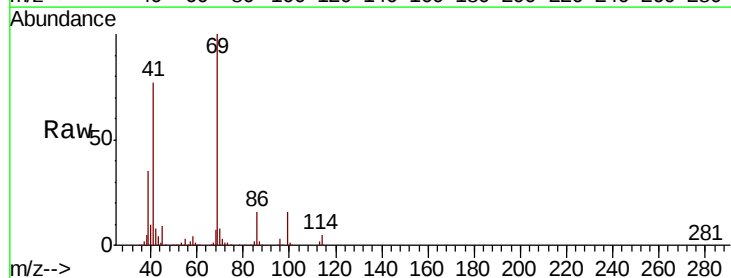


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

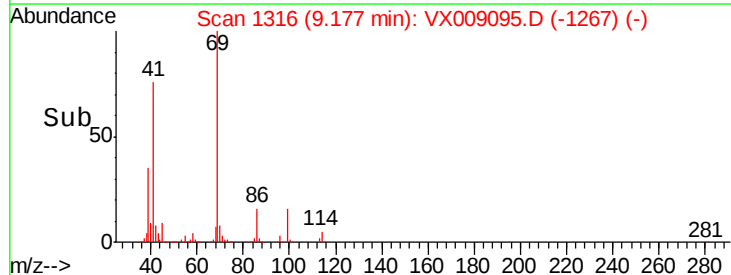
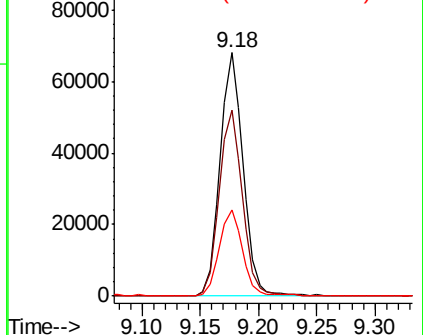


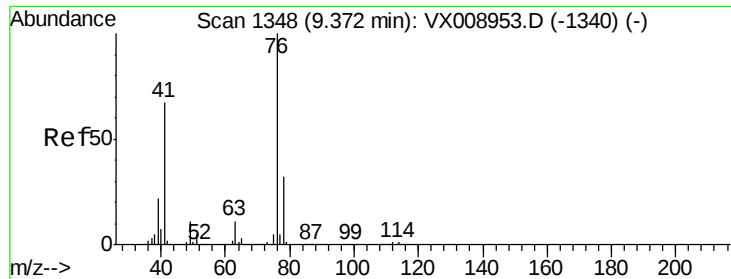
#56
 Ethyl methacrylate
 Concen: 21.899 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009095.D
 Acq: 22 Apr 2019 14:25

Tgt Ion:	69	Resp:	93021
Ion	Ratio	Lower	Upper
69	100		
41	76.4	60.2	90.2
39	35.5	27.9	41.9



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: 21.816 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

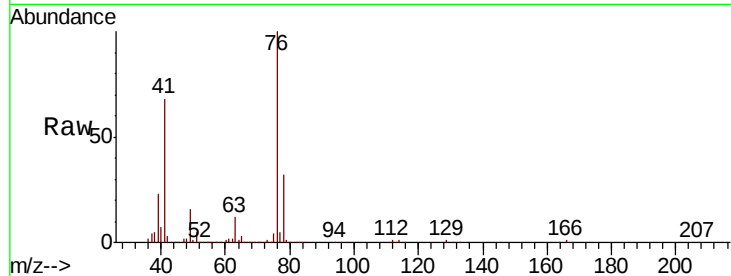
VX0422WBSD01

Tot Ion: 76 Resp: 92018

Ion Ratio Lower Upper

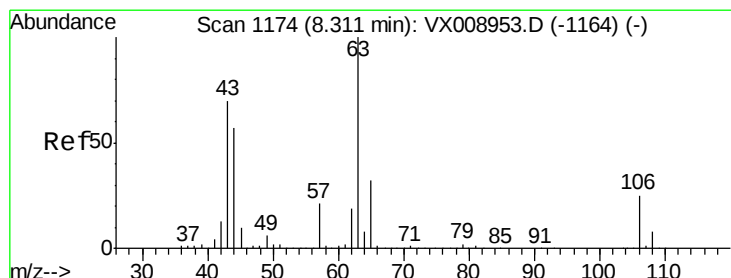
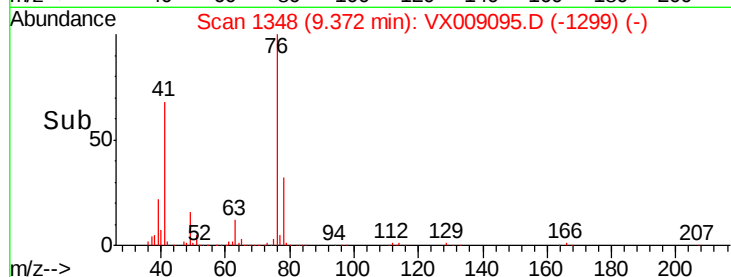
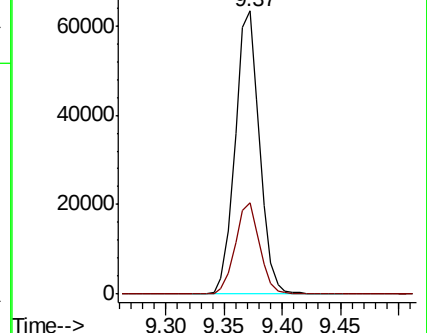
76 100

78 32.5 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 95.976 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009095.D

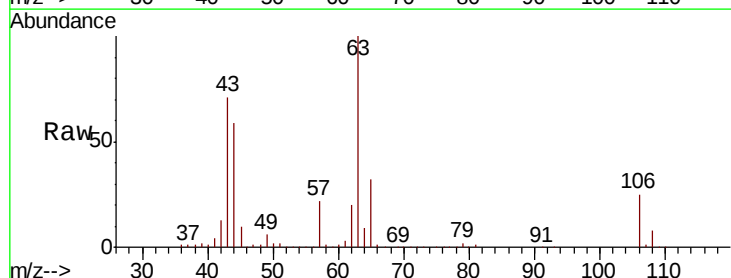
Acq: 22 Apr 2019 14:25

Tgt Ion: 63 Resp: 219535

Ion Ratio Lower Upper

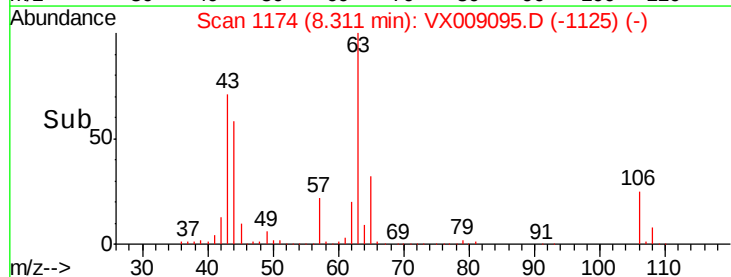
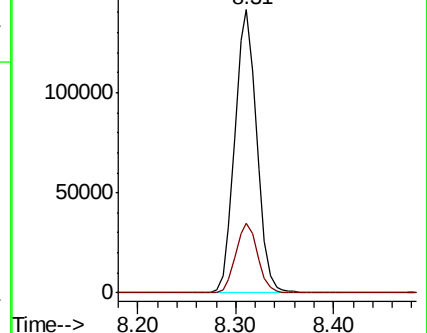
63 100

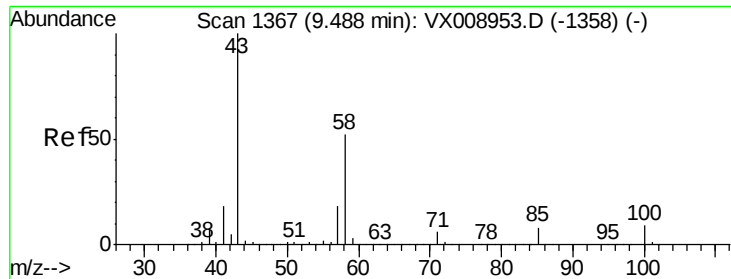
106 24.7 19.8 29.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

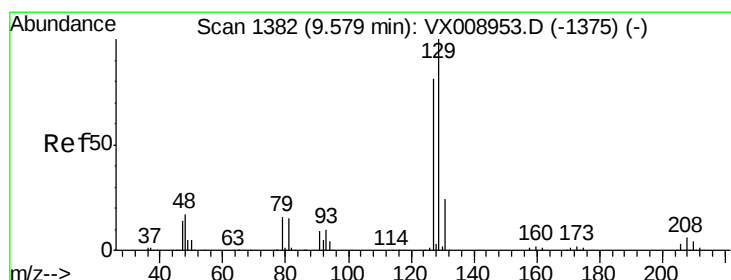
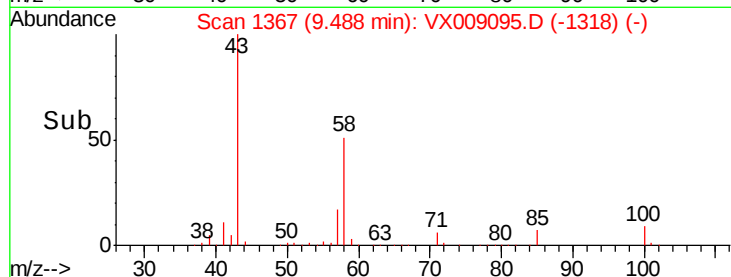
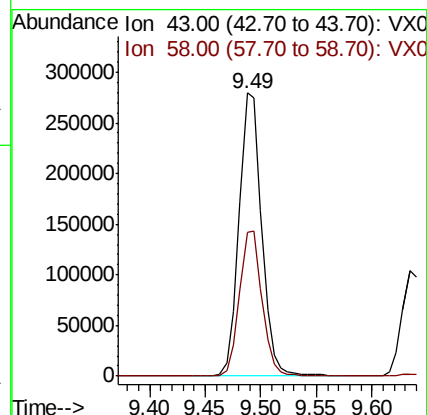
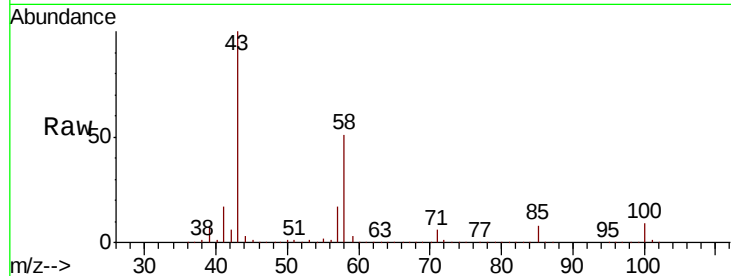




#59
2-Hexanone
Concen: 114.217 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

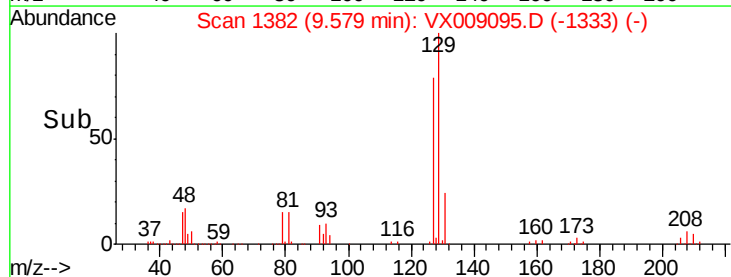
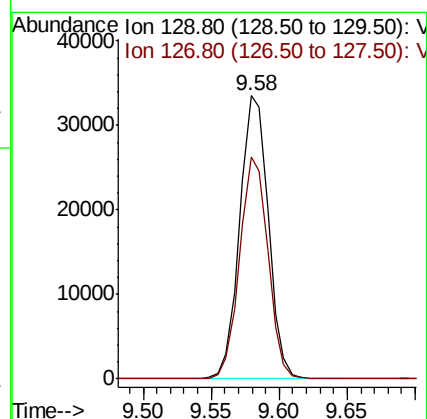
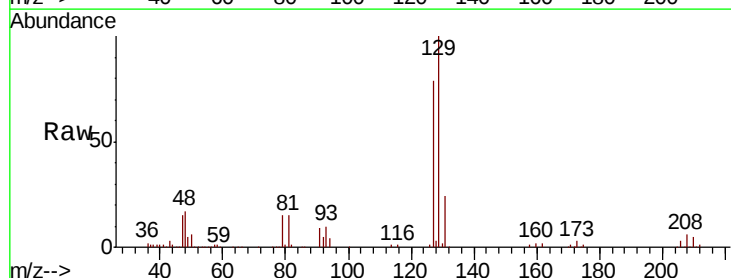
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

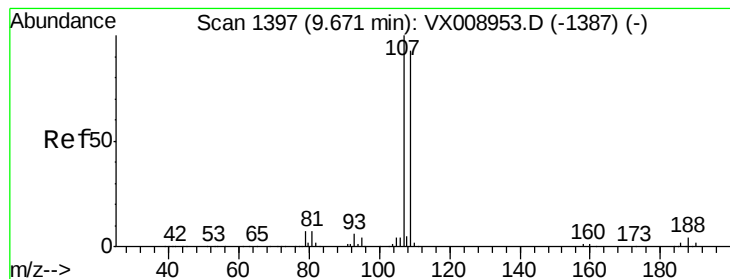
Tot Ion: 43 Resp: 393283
Ion Ratio Lower Upper
43 100
58 51.7 25.9 77.8



#60
Dibromochloromethane
Concen: 21.703 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Tgt Ion:129 Resp: 49275
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2





#61

1,2-Dibromoethane

Concen: 21.816 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

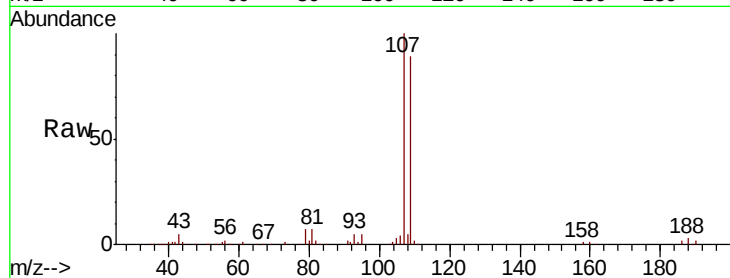
VX0422WBSD01

Tot Ion:107 Resp: 53338

Ion Ratio Lower Upper

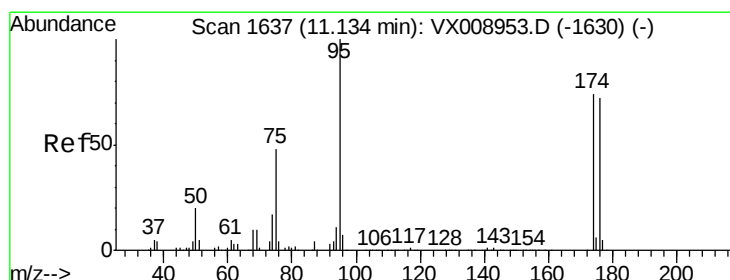
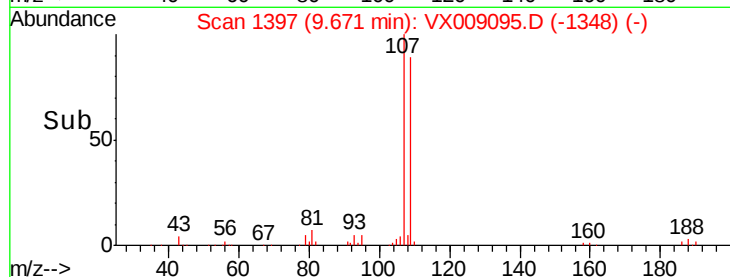
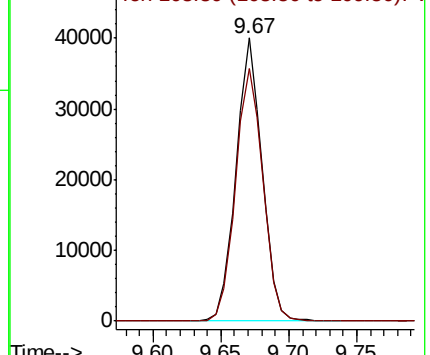
107 100

109 93.7 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.068 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

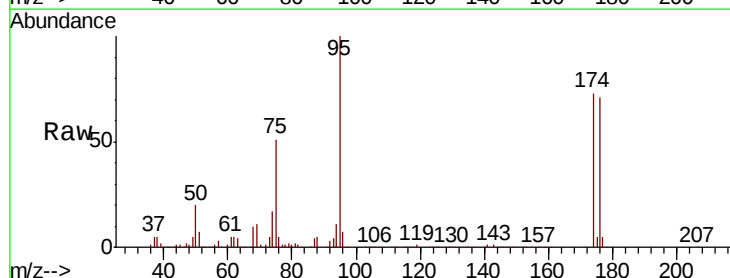
Tgt Ion: 95 Resp: 147870

Ion Ratio Lower Upper

95 100

174 78.6 0.0 159.6

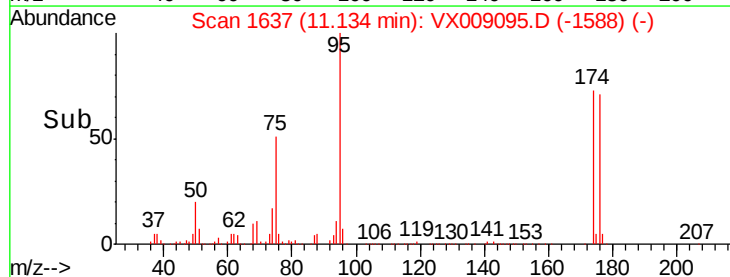
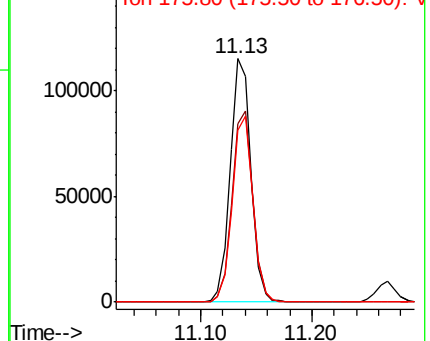
176 76.3 0.0 154.8

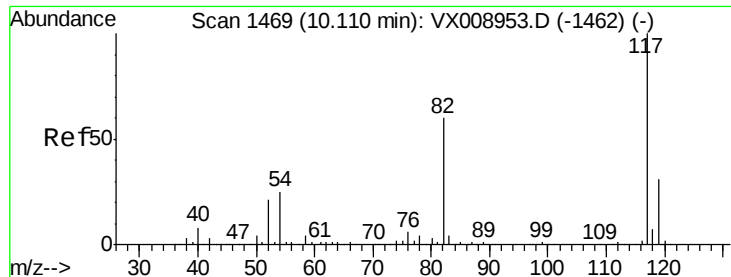


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

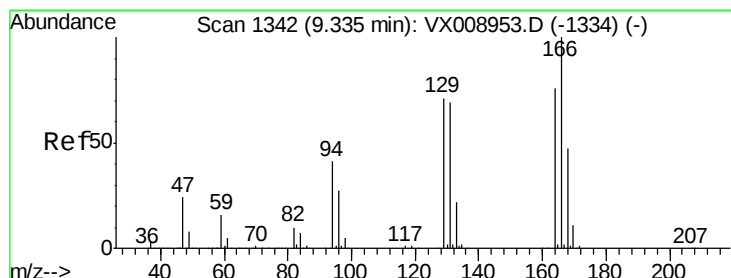
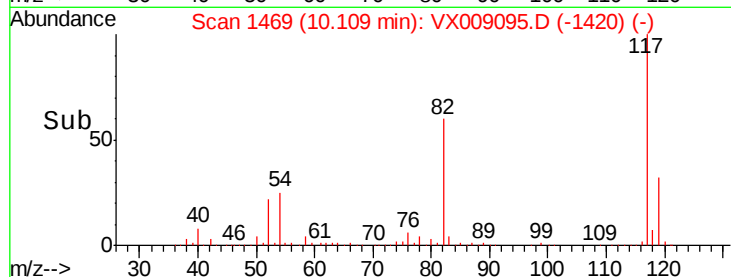
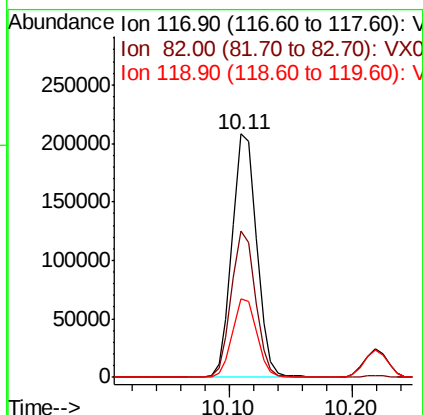
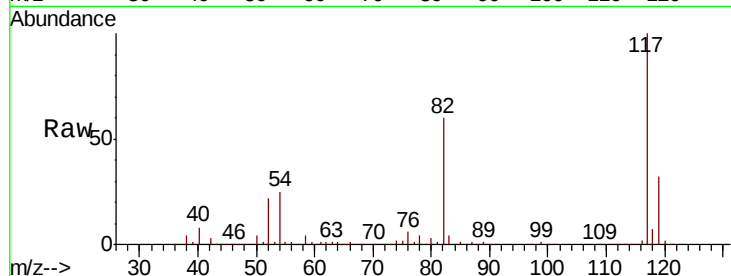




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

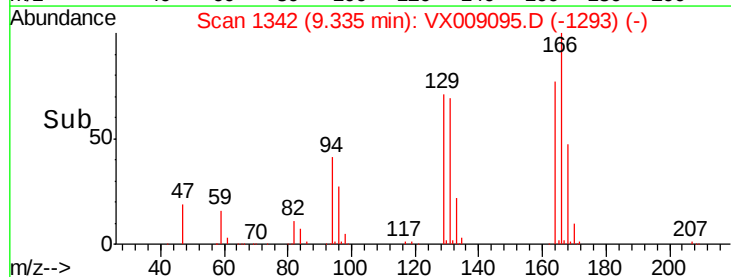
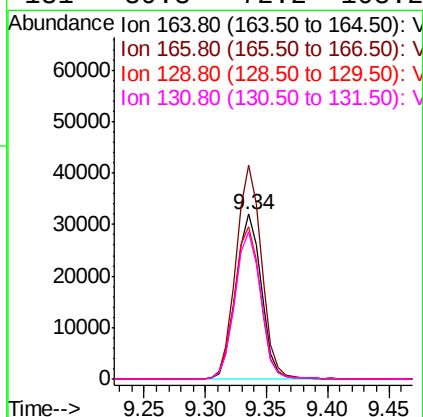
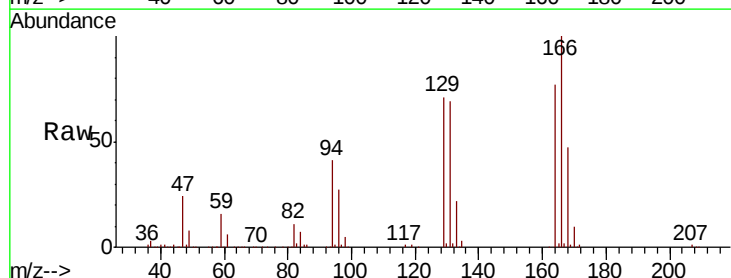
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

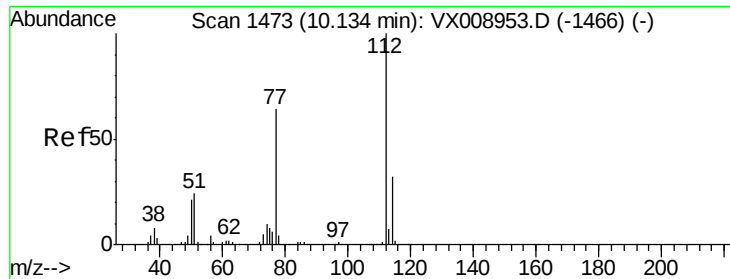
Tot Ion:117 Resp: 289947
Ion Ratio Lower Upper
117 100
82 59.9 48.2 72.4
119 32.0 25.0 37.6



#64
Tetrachloroethene
Concen: 20.979 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Tgt Ion:164 Resp: 46209
Ion Ratio Lower Upper
164 100
166 129.8 105.0 157.4
129 92.4 74.2 111.4
131 89.3 72.2 108.2





#65

Chlorobenzene

Concen: 21.284 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

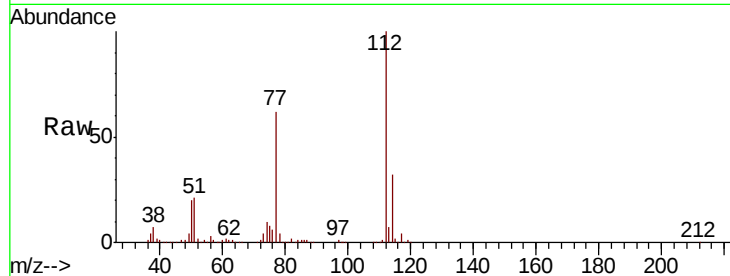
VX0422WBSD01

Tot Ion:112 Resp: 130261

Ion Ratio Lower Upper

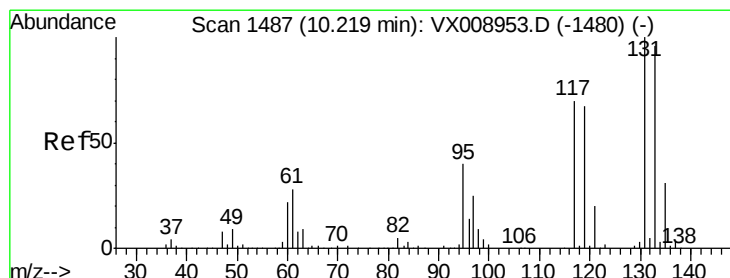
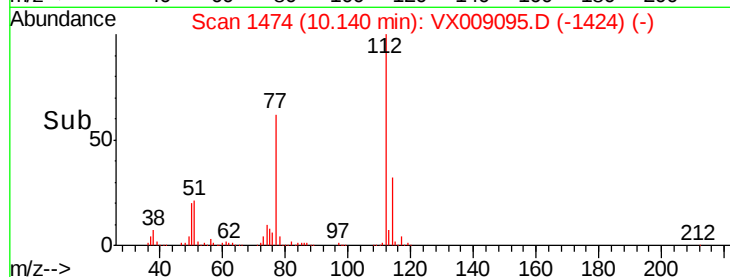
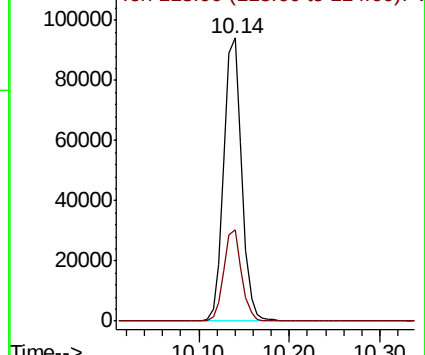
112 100

114 32.2 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.557 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

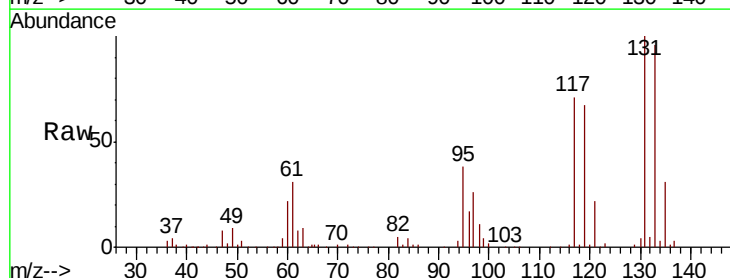
Tgt Ion:131 Resp: 46476

Ion Ratio Lower Upper

131 100

133 95.4 48.0 144.2

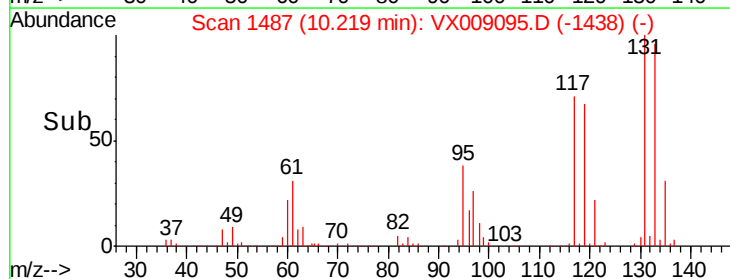
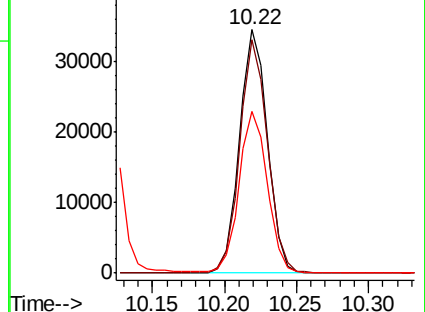
119 67.8 33.7 101.1

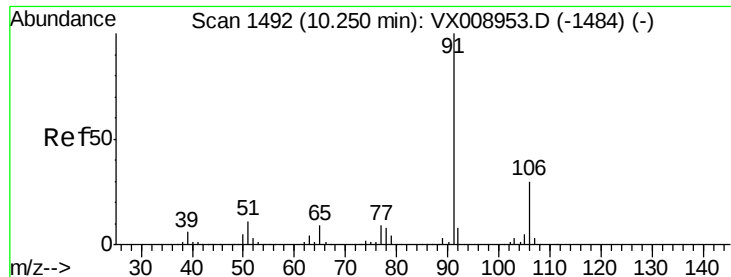


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

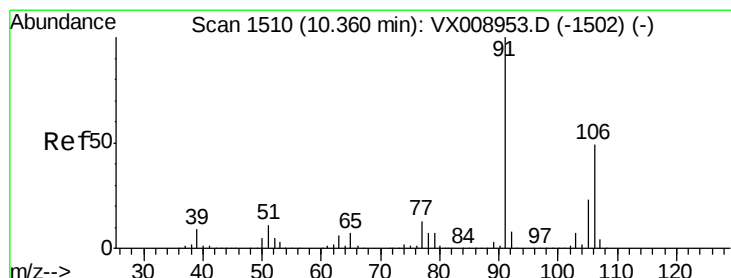
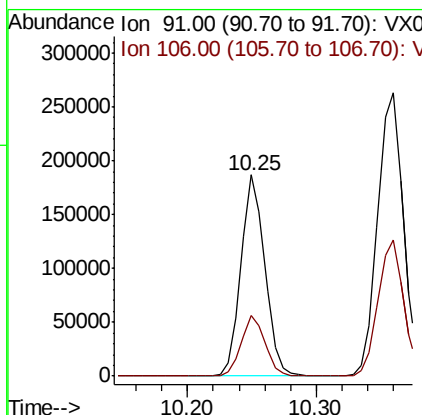
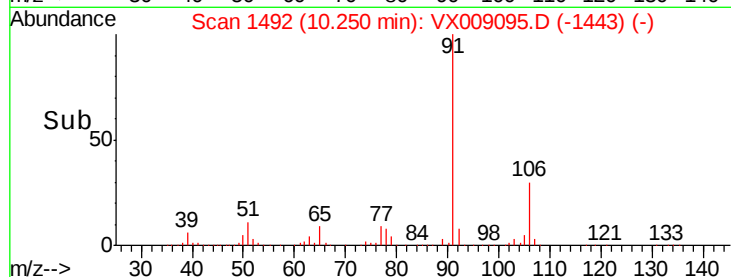
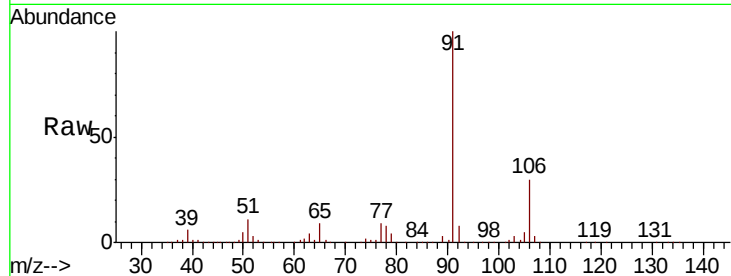




#67
Ethyl Benzene
Concen: 21.503 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

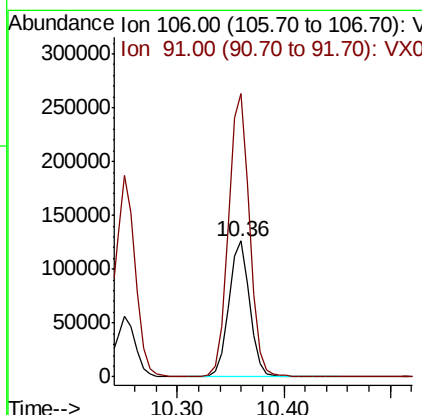
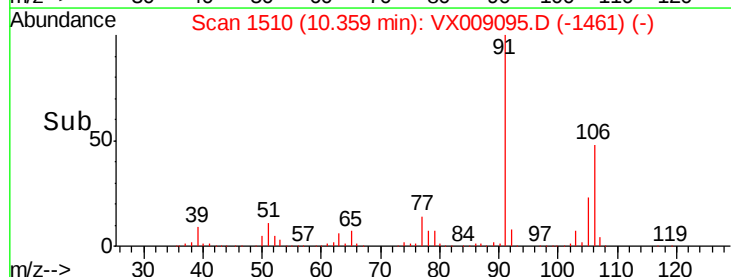
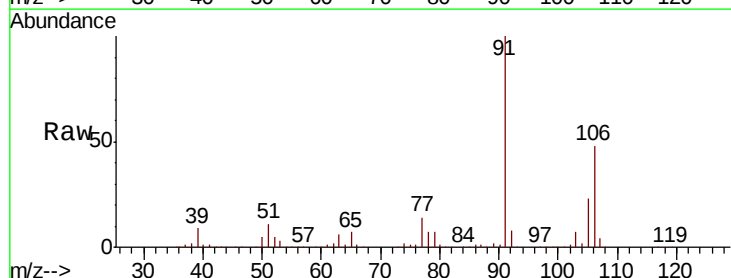
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

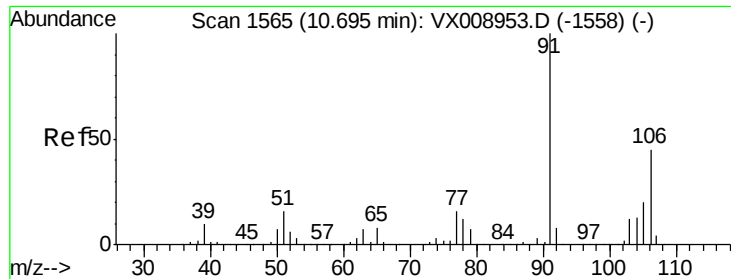
Tot Ion: 91 Resp: 240565
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5



#68
m/p-Xylenes
Concen: 42.797 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Tgt Ion: 106 Resp: 174008
Ion Ratio Lower Upper
106 100
91 209.0 165.4 248.2

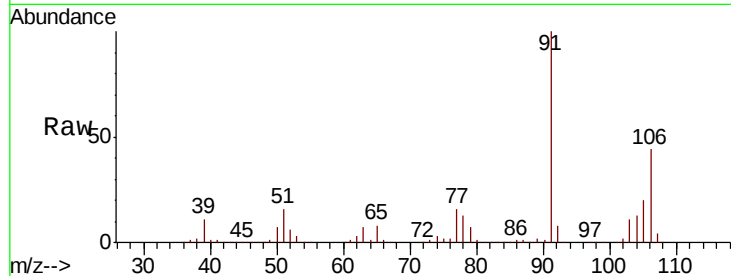




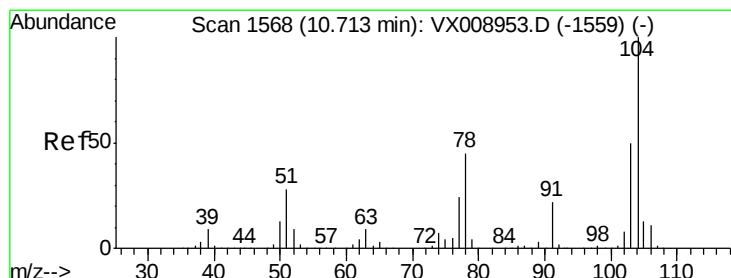
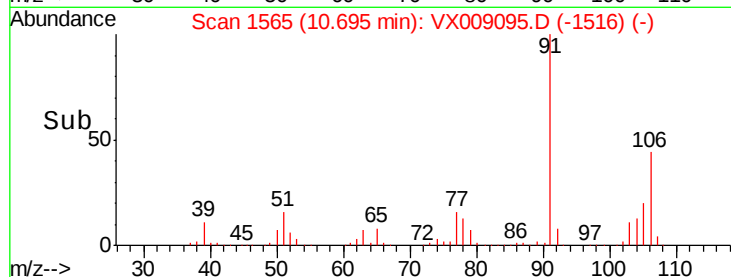
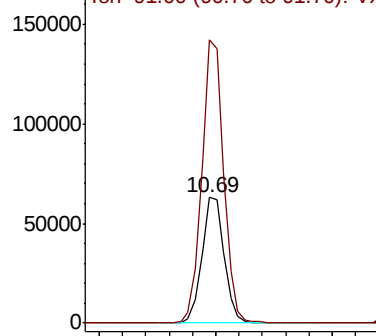
#69
o-Xylene
Concen: 21.301 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion:106 Resp: 84270
Ion Ratio Lower Upper
106 100
91 220.5 108.9 326.7

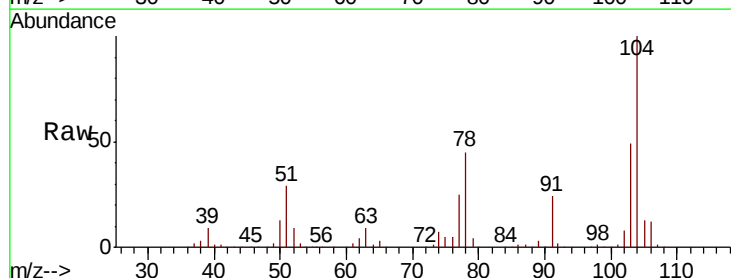


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

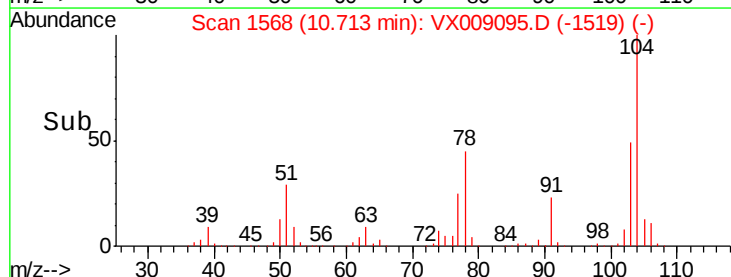
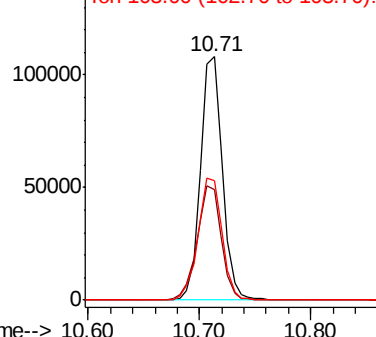


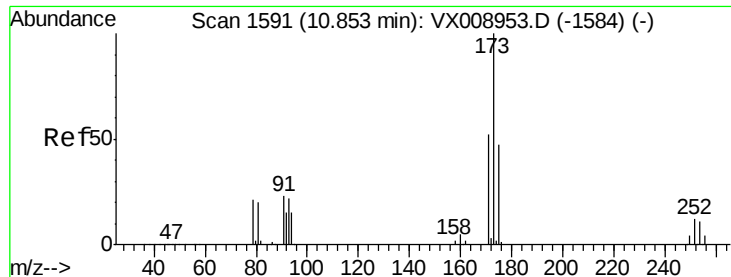
#70
Styrene
Concen: 21.420 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Tgt Ion:104 Resp: 146847
Ion Ratio Lower Upper
104 100
78 52.1 41.2 61.8
103 55.3 43.9 65.9



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





#71

Bromoform

Concen: 21.272 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

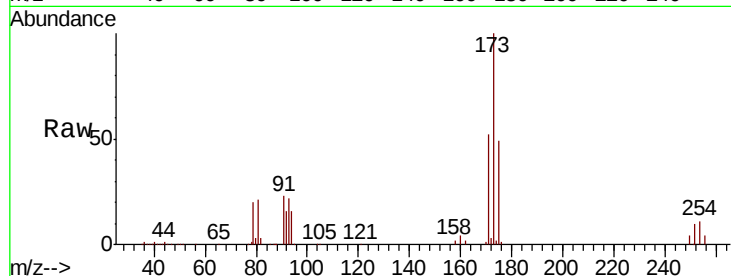
Tot Ion:173 Resp: 36538

Ion Ratio Lower Upper

173 100

175 49.9 23.9 71.8

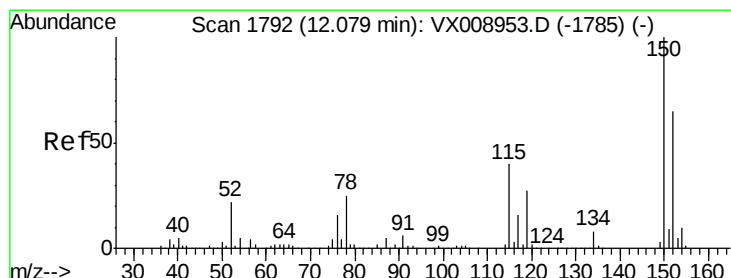
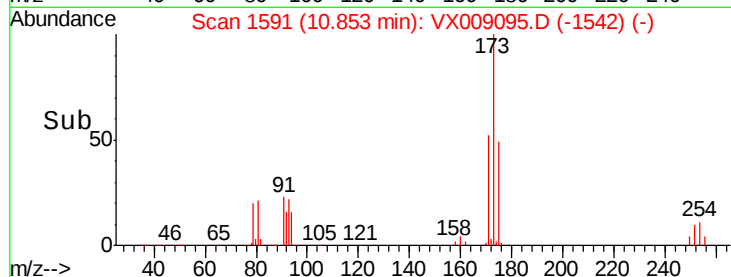
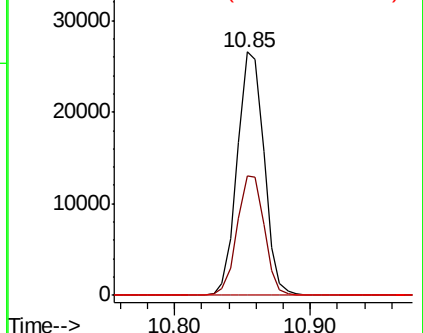
254 0.0 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

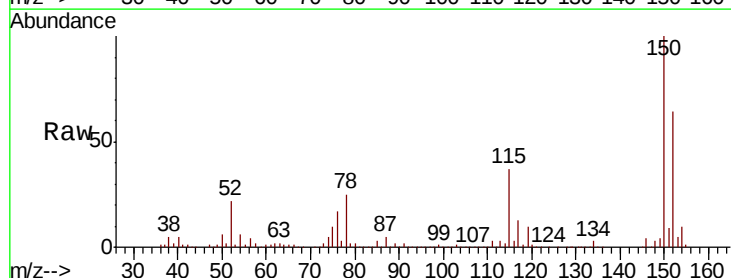
Tgt Ion:152 Resp: 133826

Ion Ratio Lower Upper

152 100

115 69.9 41.4 124.2

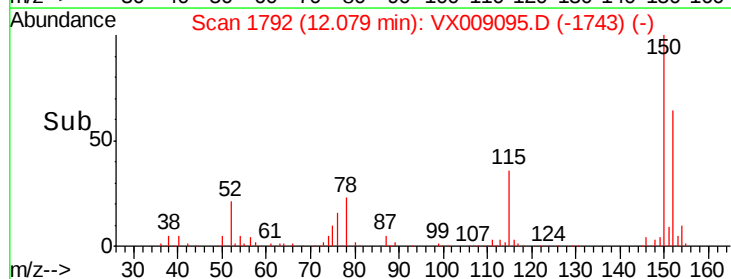
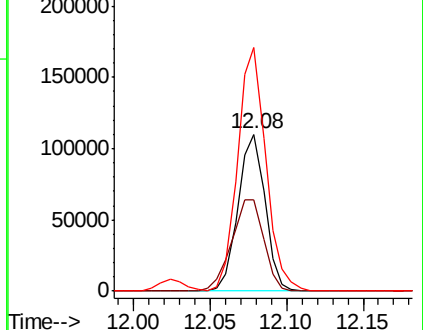
150 163.3 0.0 349.8

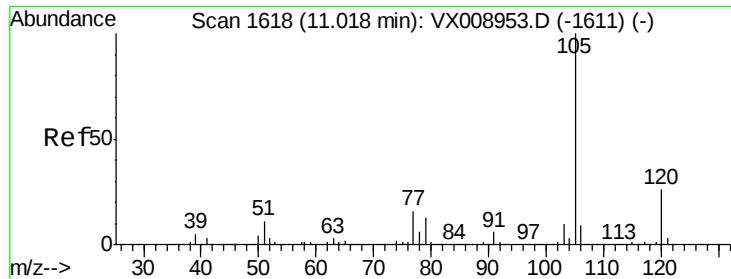


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.273 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

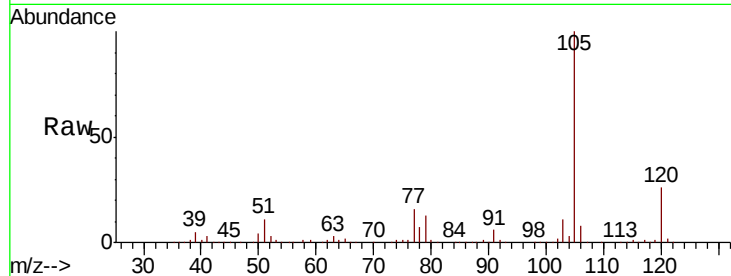
VX0422WBSD01

Tot Ion:105 Resp: 225930

Ion Ratio Lower Upper

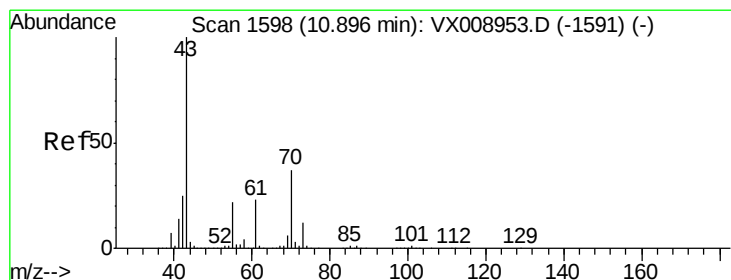
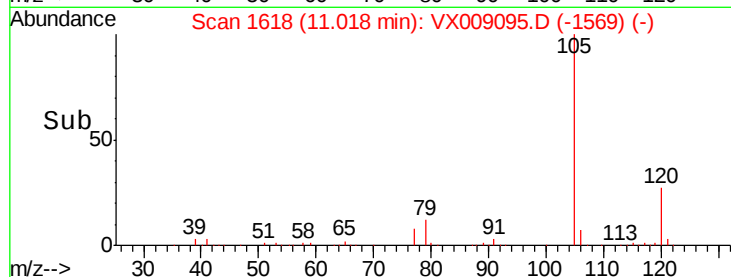
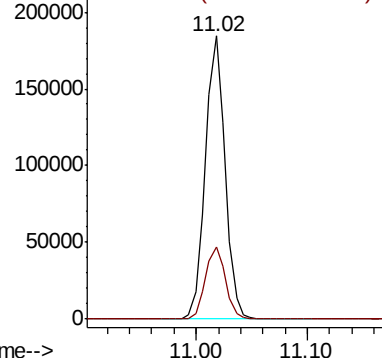
105 100

120 26.1 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.403 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Tgt Ion: 43 Resp: 130484

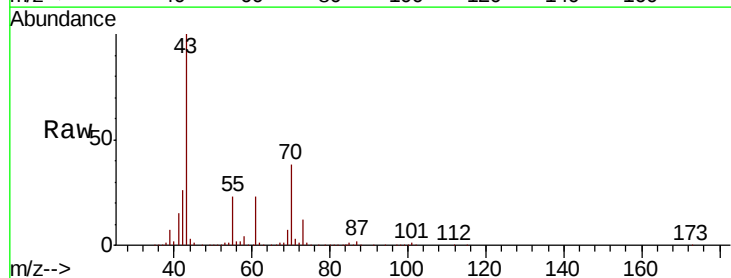
Ion Ratio Lower Upper

43 100

70 38.3 29.9 44.9

55 23.2 17.8 26.8

61 22.8 18.3 27.5

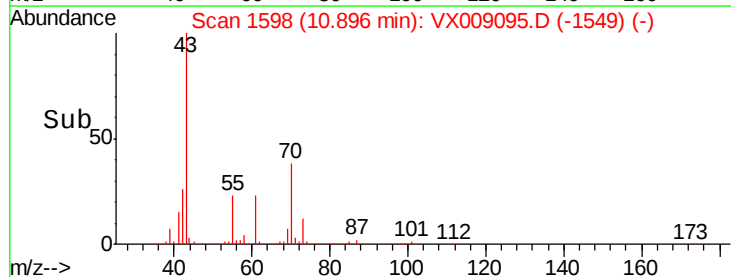
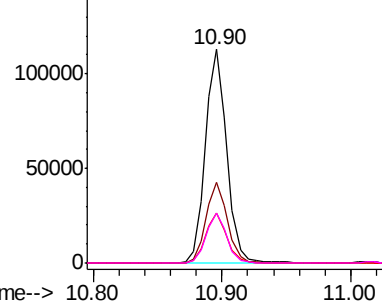


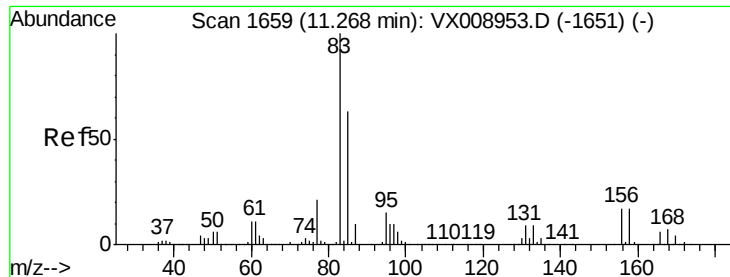
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 22.809 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

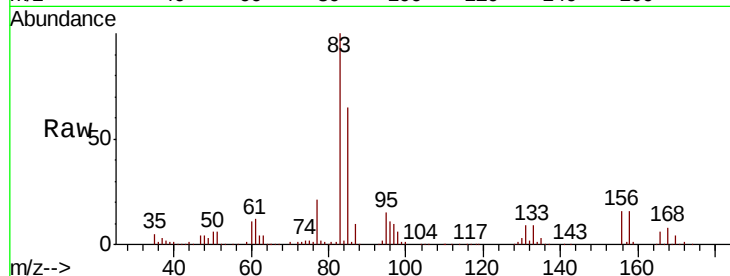
Tot Ion: 83 Resp: 84539

Ion Ratio Lower Upper

83 100

131 9.0 4.7 14.0

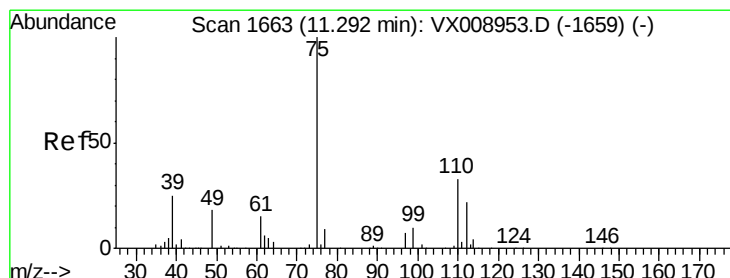
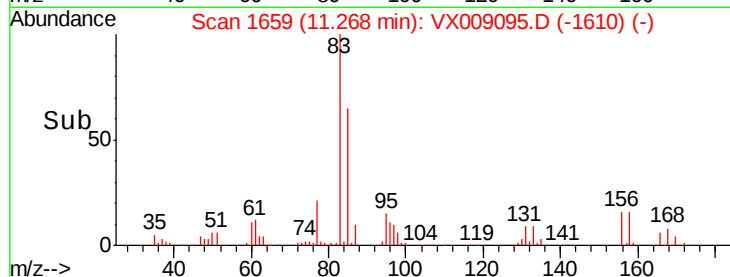
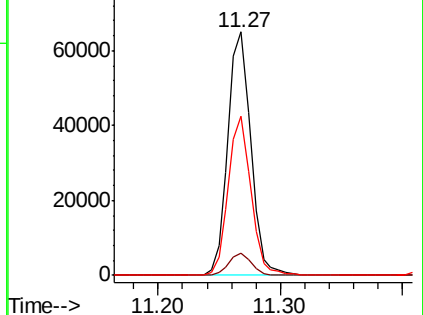
85 64.4 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 29.830 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009095.D

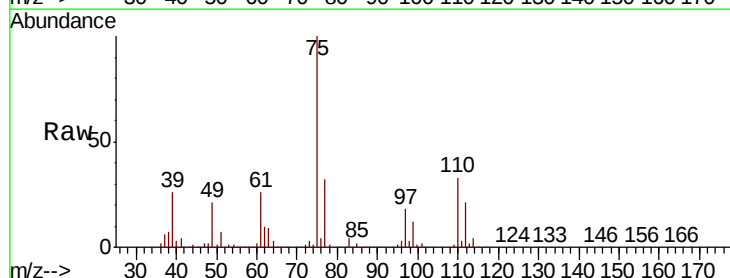
Acq: 22 Apr 2019 14:25

Tgt Ion: 75 Resp: 97478

Ion Ratio Lower Upper

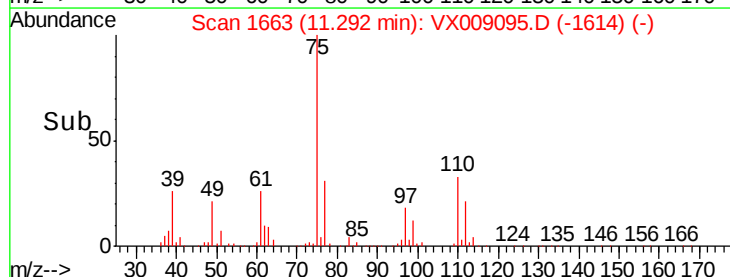
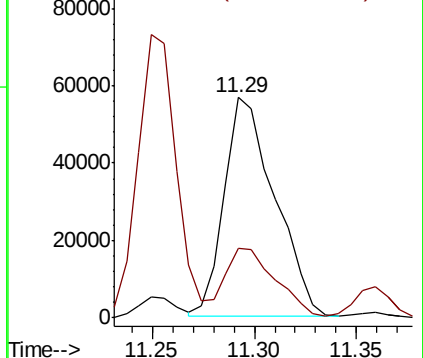
75 100

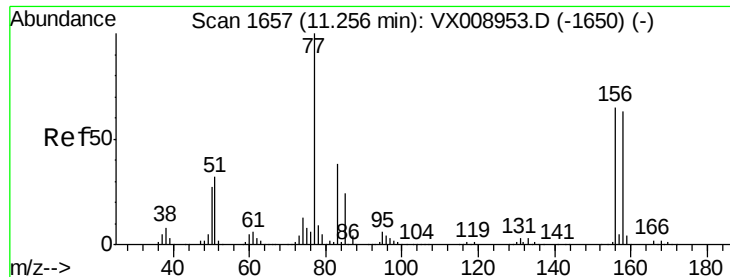
77 32.4 22.7 68.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.306 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

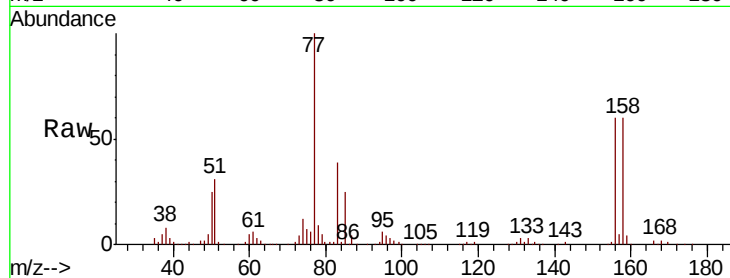
Tot Ion:156 Resp: 54529

Ion Ratio Lower Upper

156 100

77 174.7 85.4 256.1

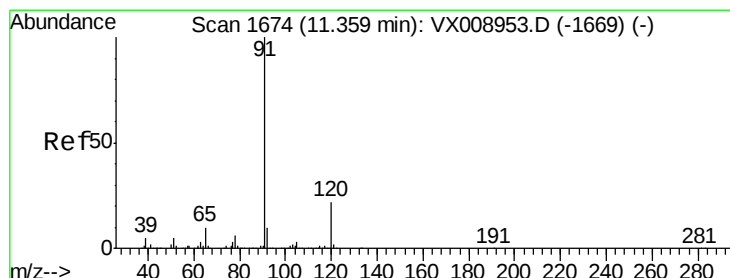
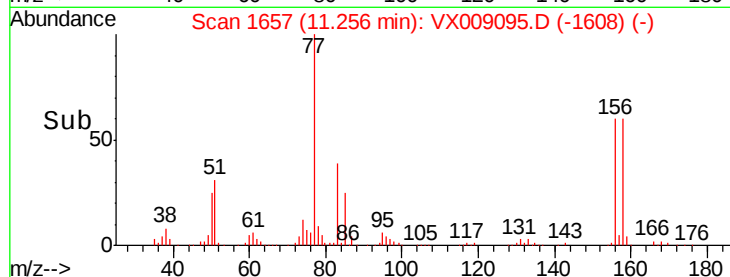
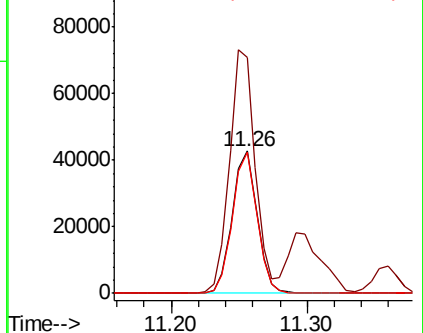
158 98.7 48.8 146.4



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: 22.167 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009095.D

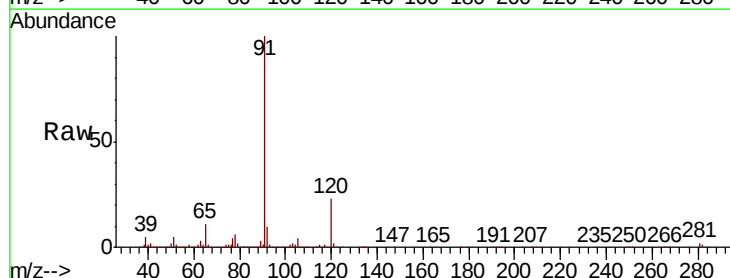
Acq: 22 Apr 2019 14:25

Tgt Ion: 91 Resp: 258082

Ion Ratio Lower Upper

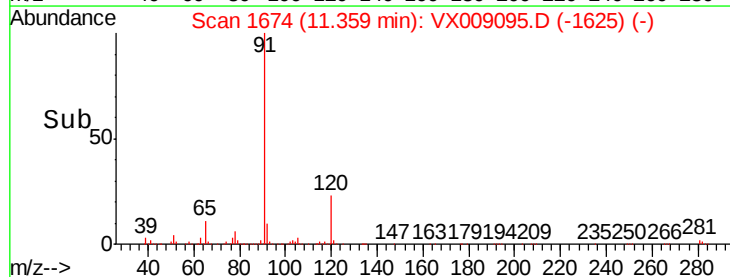
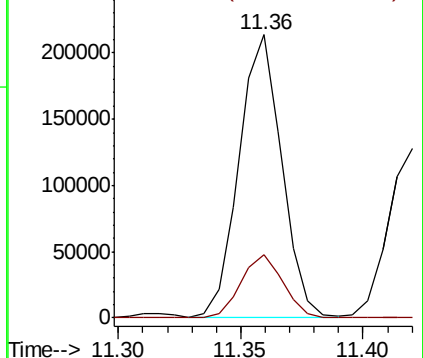
91 100

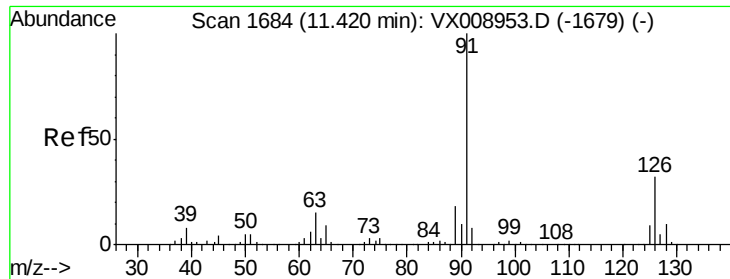
120 22.3 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

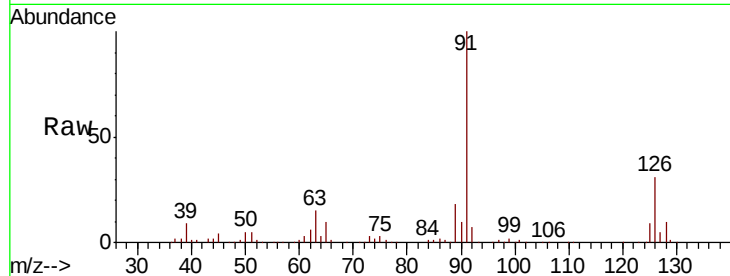




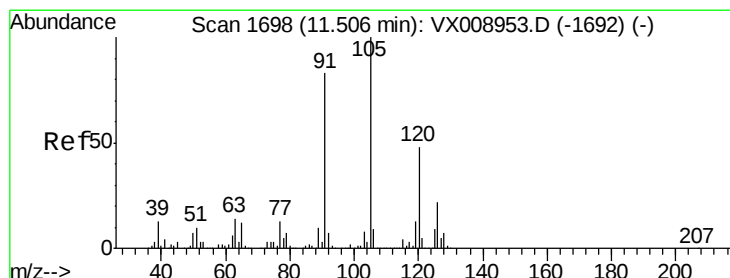
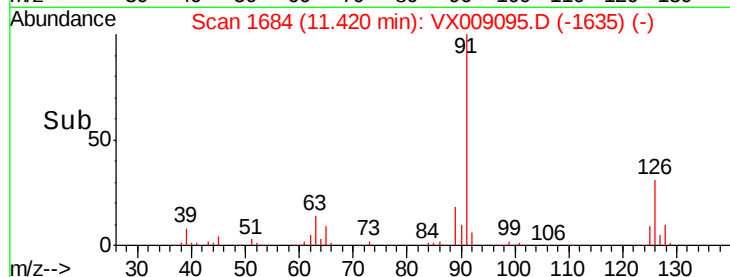
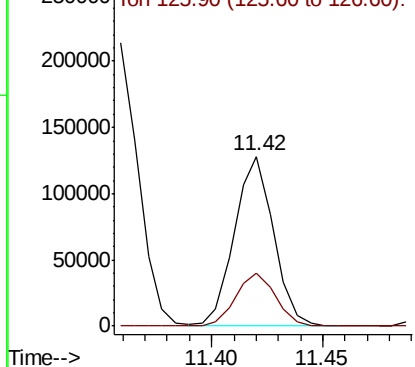
#79
 2-Chlorotoluene
 Concen: 22.254 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX009095.D
 Acq: 22 Apr 2019 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBSD01

Tot Ion: 91 Resp: 156133
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.3 48.9

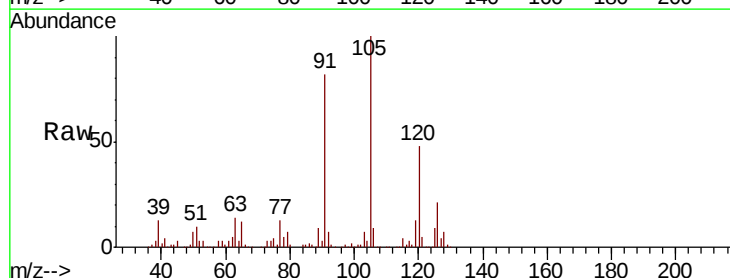


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

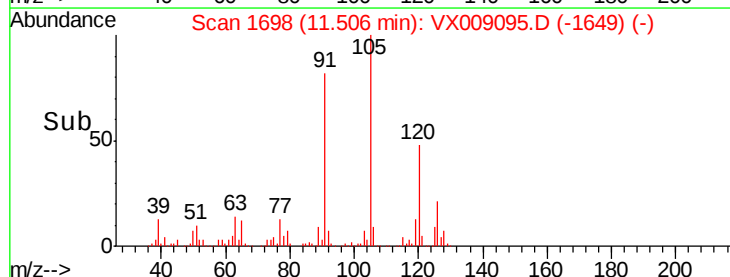
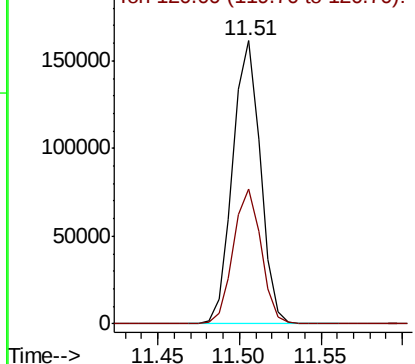


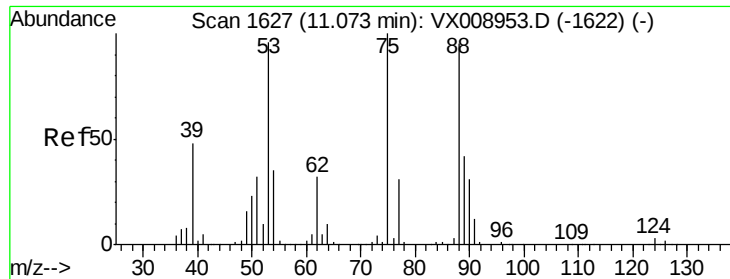
#80
 1,3,5-Trimethylbenzene
 Concen: 22.389 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009095.D
 Acq: 22 Apr 2019 14:25

Tgt Ion:105 Resp: 190581
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.890 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

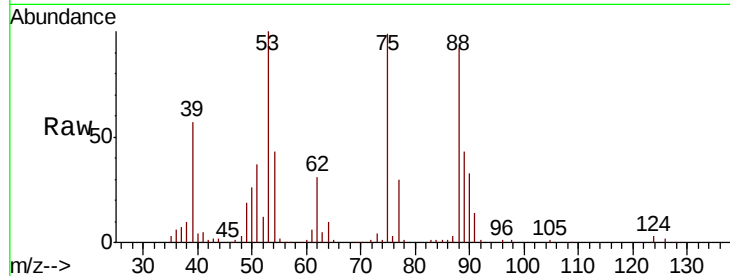
Tot Ion: 75 Resp: 26590

Ion Ratio Lower Upper

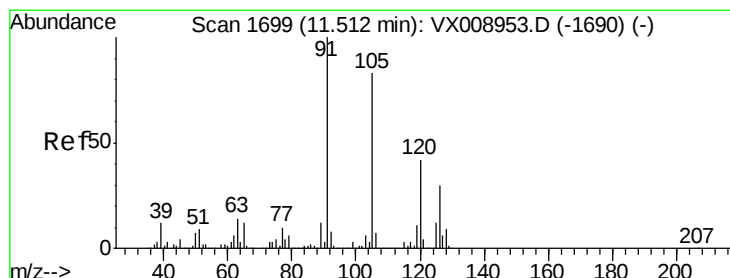
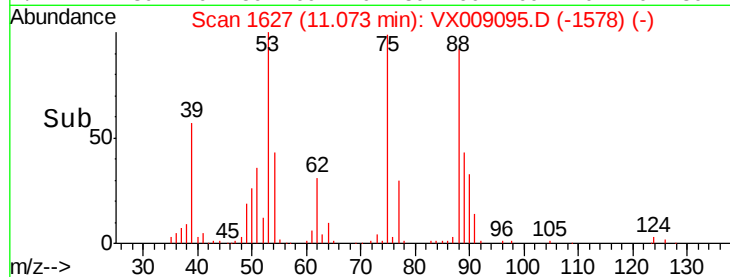
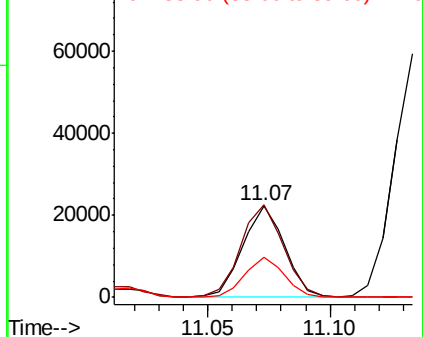
75 100

53 102.8 78.2 117.4

89 42.6 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 21.959 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX009095.D

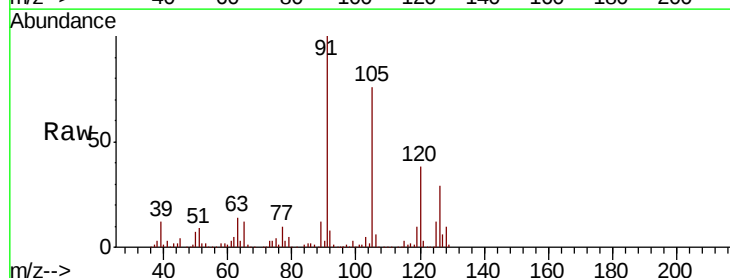
Acq: 22 Apr 2019 14:25

Tgt Ion: 91 Resp: 178926

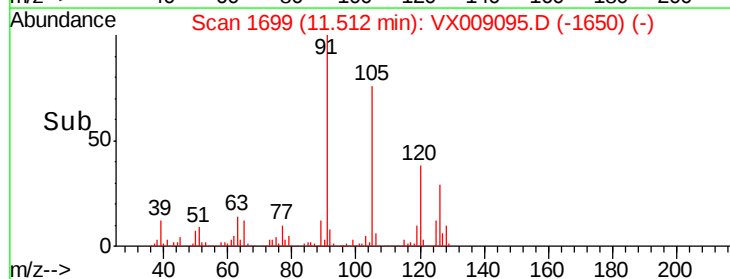
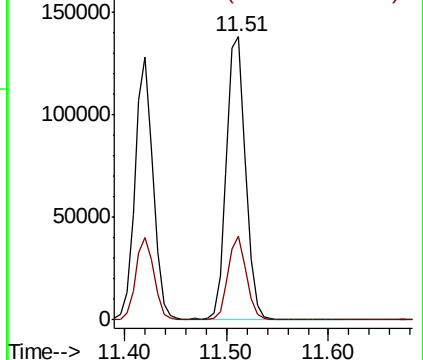
Ion Ratio Lower Upper

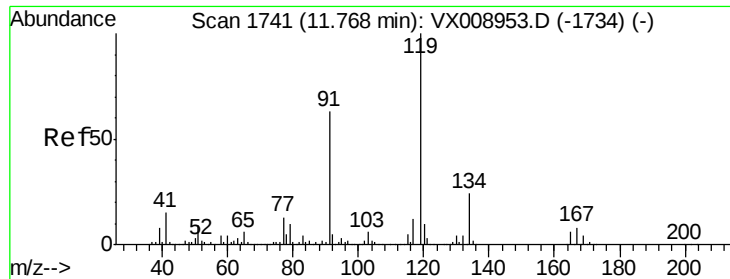
91 100

126 28.1 14.3 42.9



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

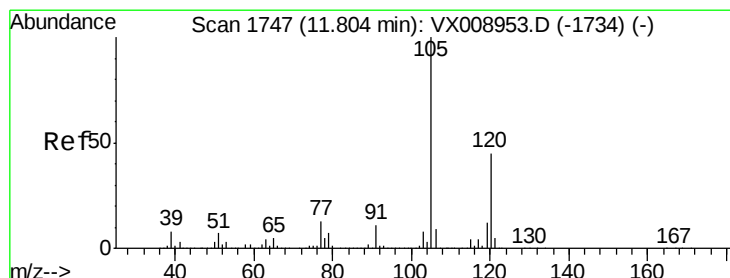
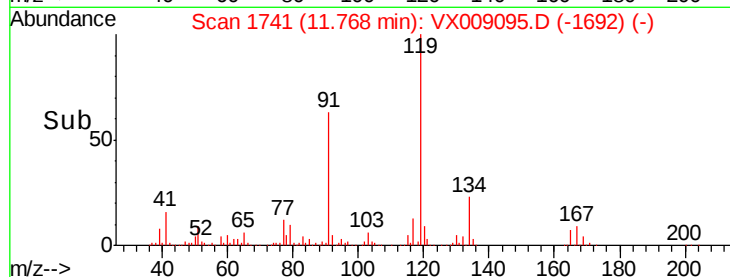
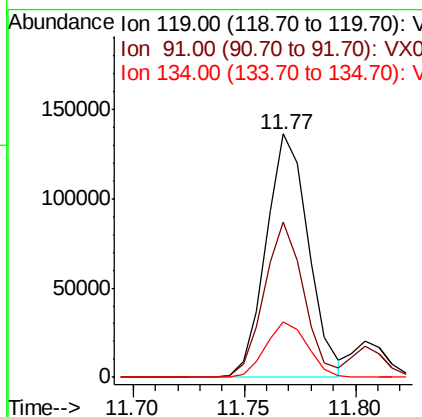
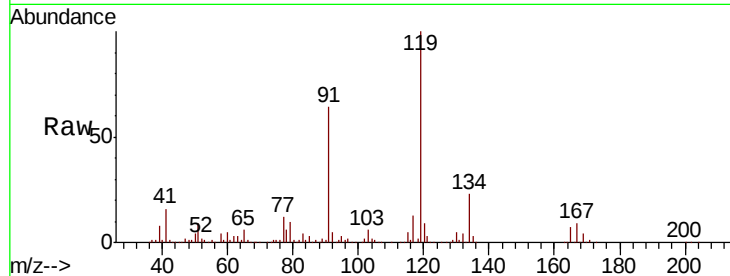




#83
tert-Butylbenzene
Concen: 22.075 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

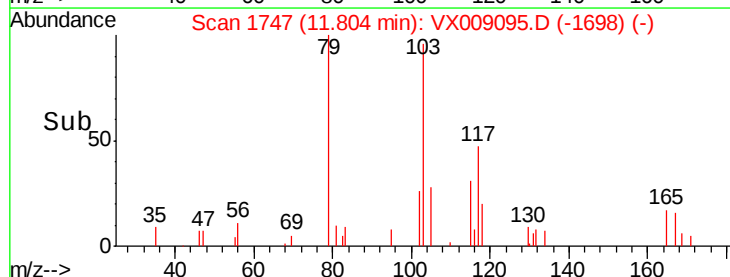
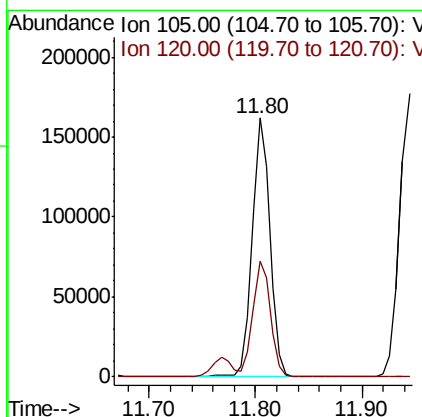
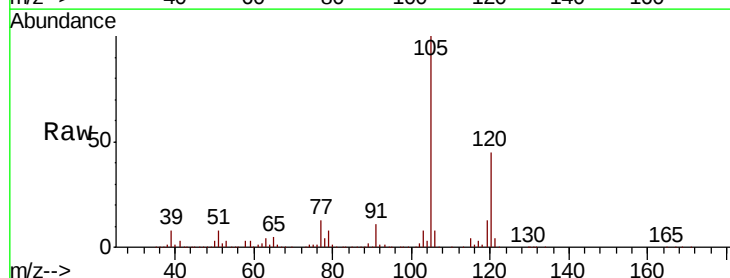
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

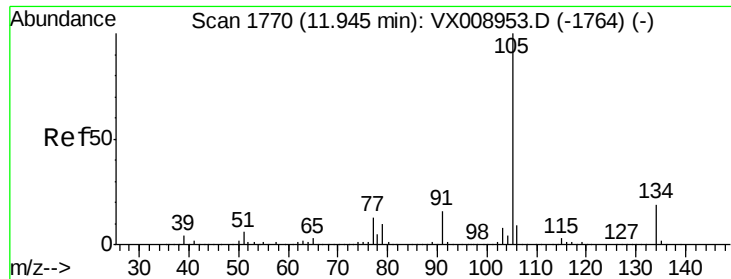
Tot Ion:119 Resp: 180408
Ion Ratio Lower Upper
119 100
91 60.0 29.7 89.1
134 22.5 11.2 33.5



#84
1,2,4-Trimethylbenzene
Concen: 21.974 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Tgt Ion:105 Resp: 190403
Ion Ratio Lower Upper
105 100
120 44.4 21.9 65.8





#85

sec-Butylbenzene

Concen: 22.181 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

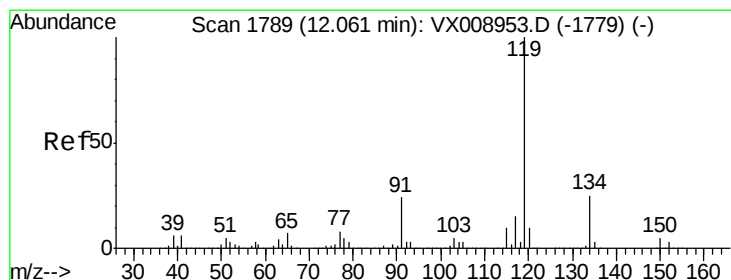
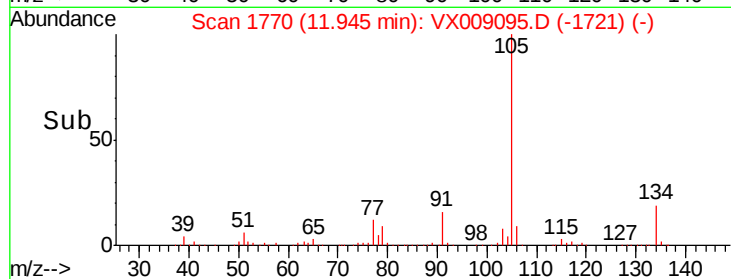
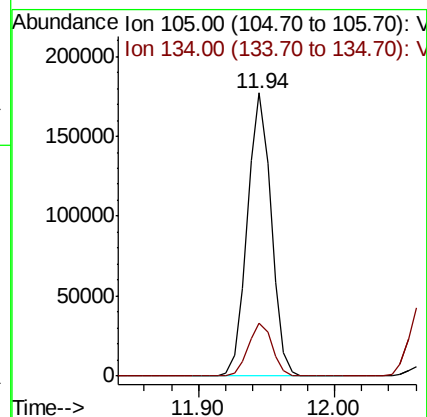
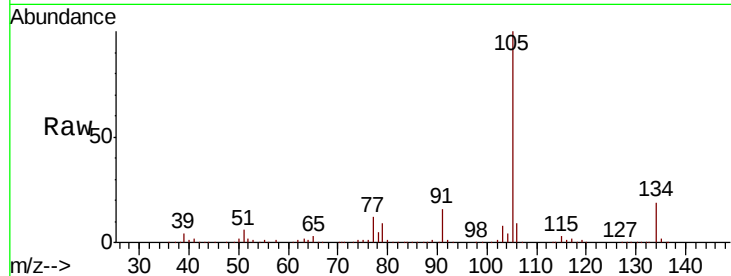
VX0422WBSD01

Tot Ion:105 Resp: 216197

Ion Ratio Lower Upper

105 100

134 19.0 9.6 28.6



#86

p-Isopropyltoluene

Concen: 21.702 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

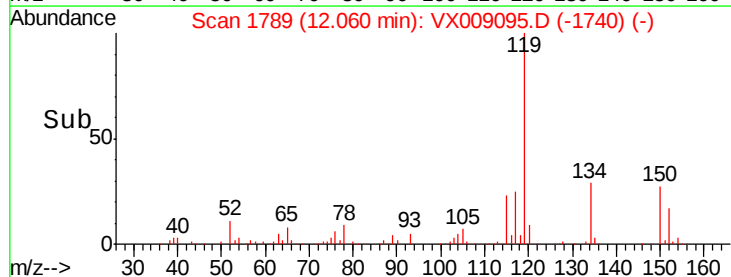
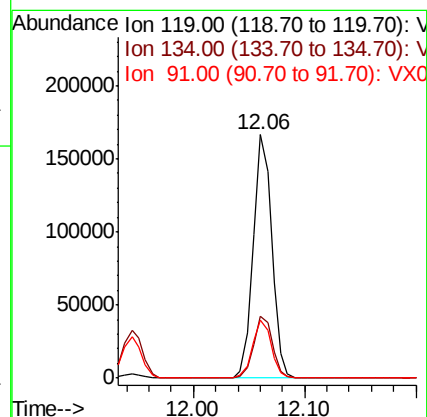
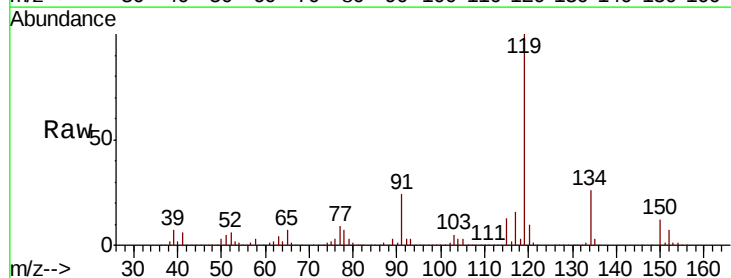
Tgt Ion:119 Resp: 194477

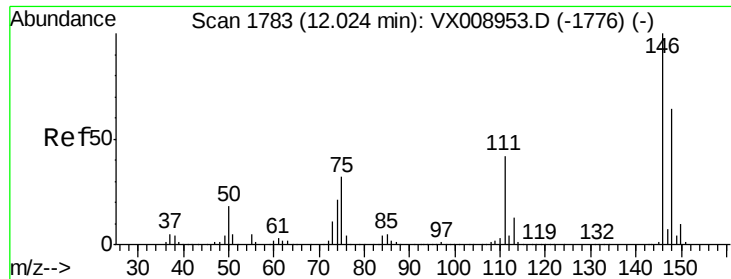
Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.6

91 24.0 11.9 35.5

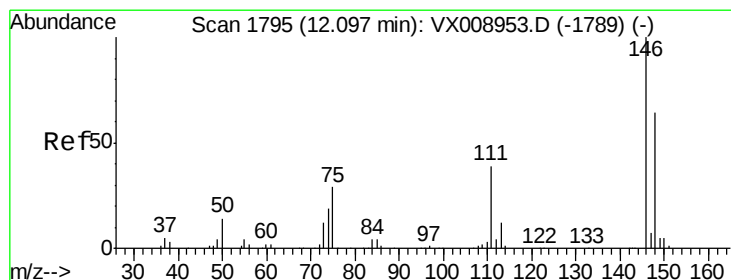
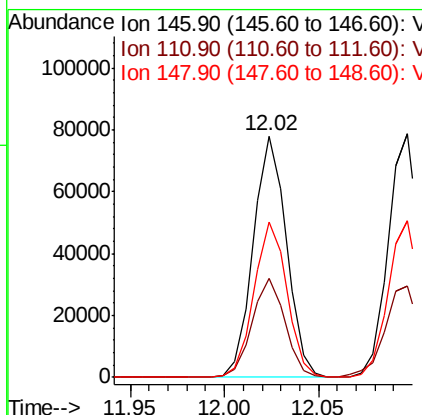
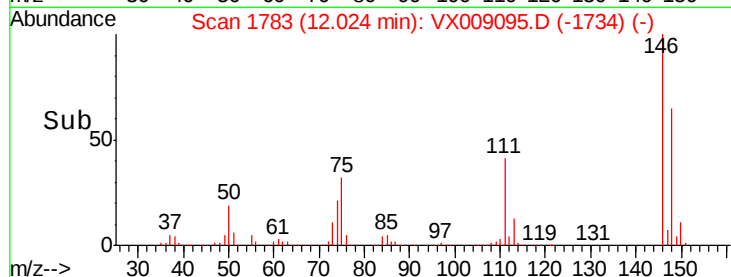
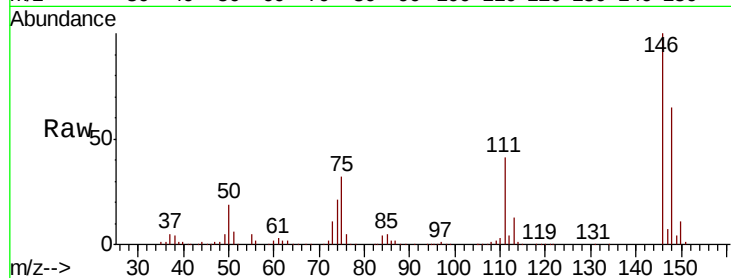




#87
 1,3-Dichlorobenzene
 Concen: 21.319 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009095.D
 Acq: 22 Apr 2019 14:25

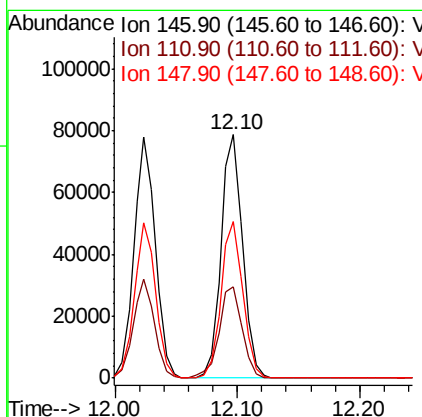
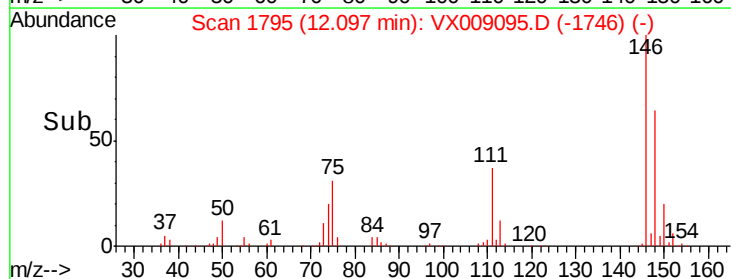
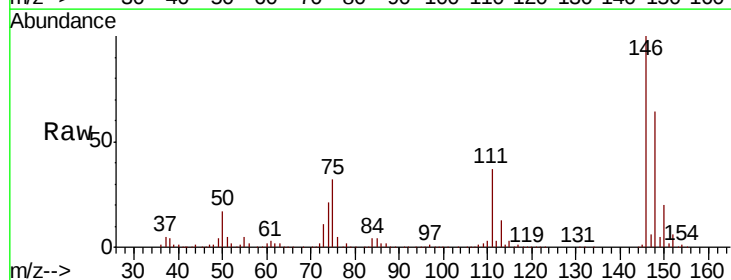
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBSD01

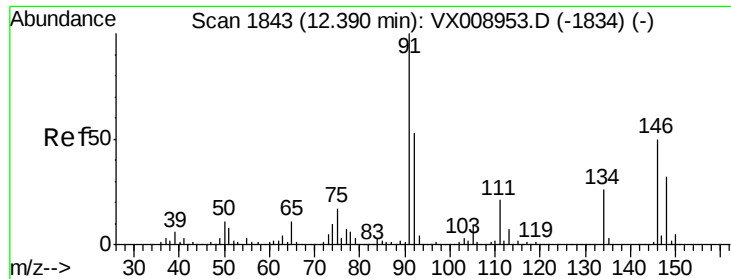
Tot Ion:146 Resp: 95496
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.5 61.6
 148 63.9 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 21.188 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009095.D
 Acq: 22 Apr 2019 14:25

Tgt Ion:146 Resp: 96214
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.0 59.9
 148 65.0 32.2 96.6

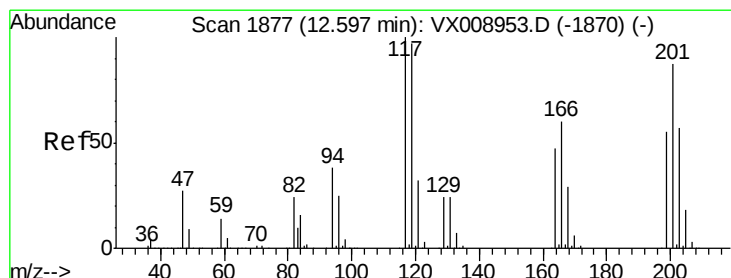
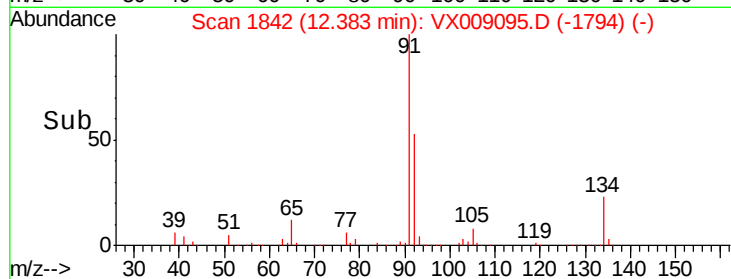
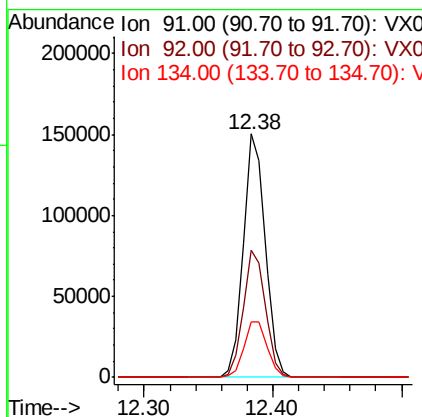
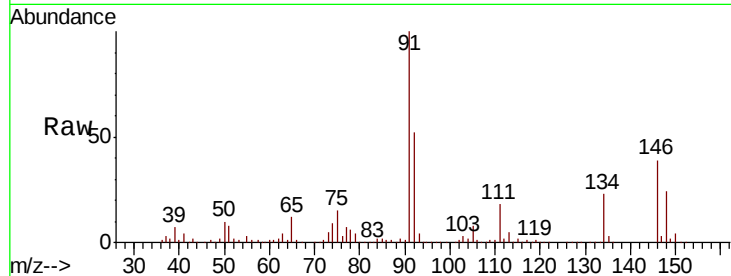




#89
n-Butylbenzene
Concen: 21.008 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

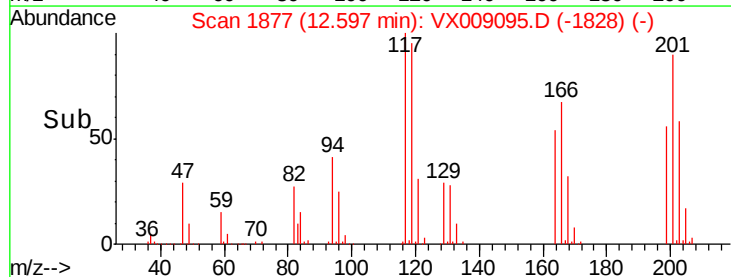
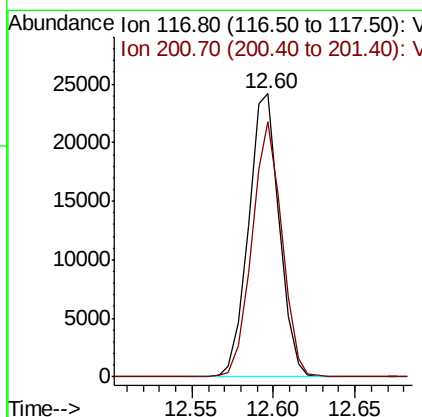
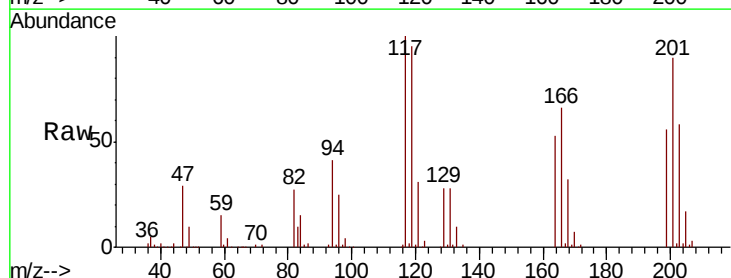
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

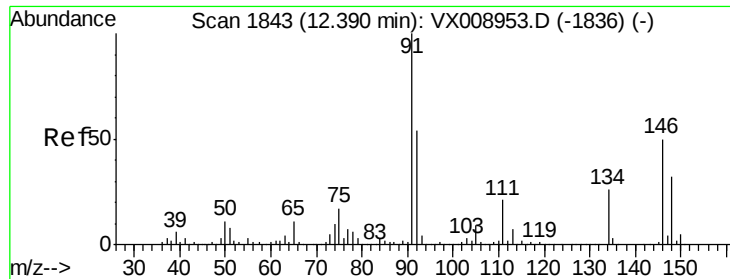
Tot Ion: 91 Resp: 175327
Ion Ratio Lower Upper
91 100
92 53.2 26.6 79.8
134 24.3 12.4 37.2



#90
Hexachloroethane
Concen: 21.524 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Tgt Ion: 117 Resp: 31817
Ion Ratio Lower Upper
117 100
201 87.2 43.0 129.0

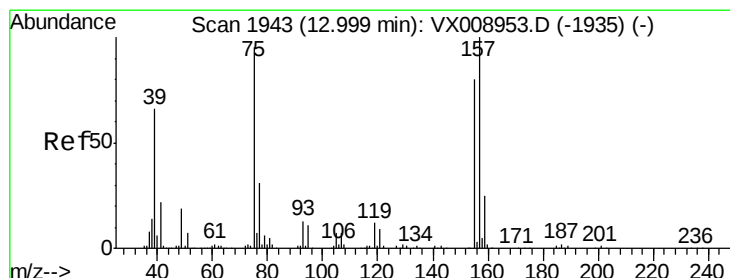
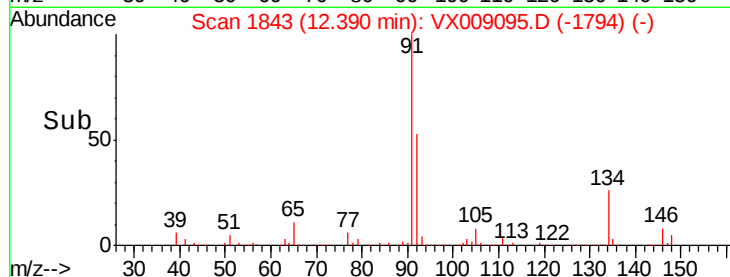
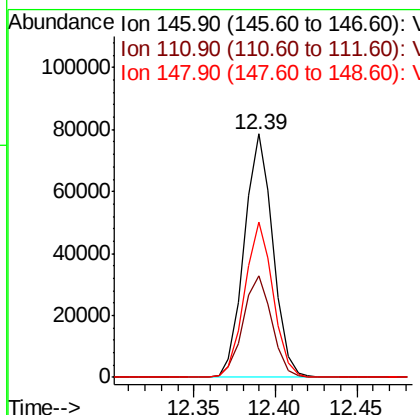
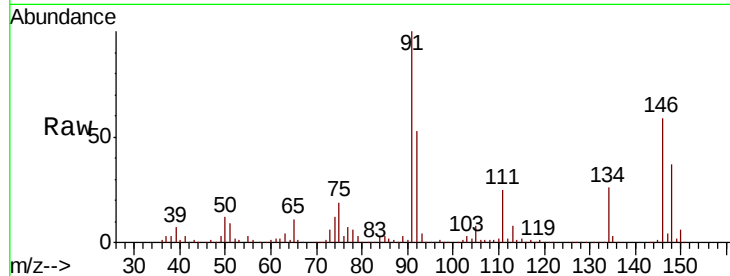




#91
 1,2-Dichlorobenzene
 Concen: 21.817 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009095.D
 Acq: 22 Apr 2019 14:25

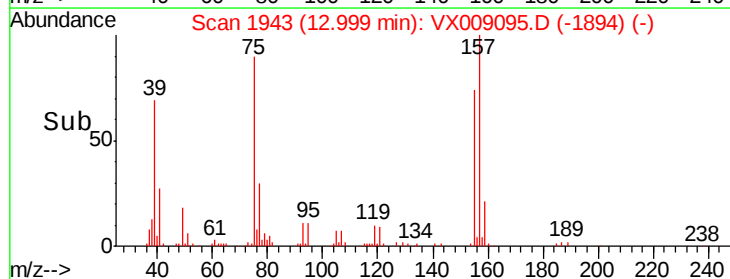
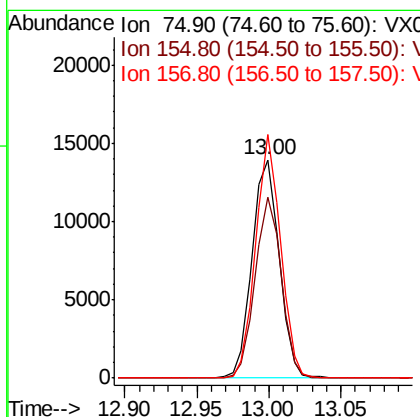
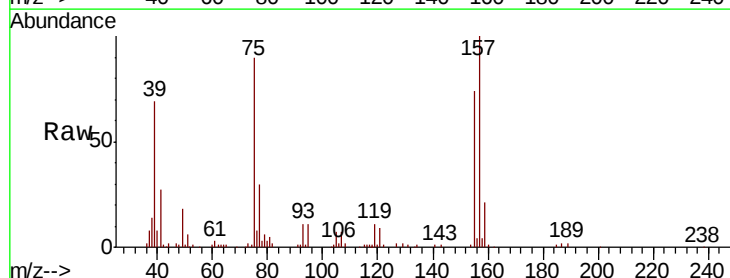
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBSD01

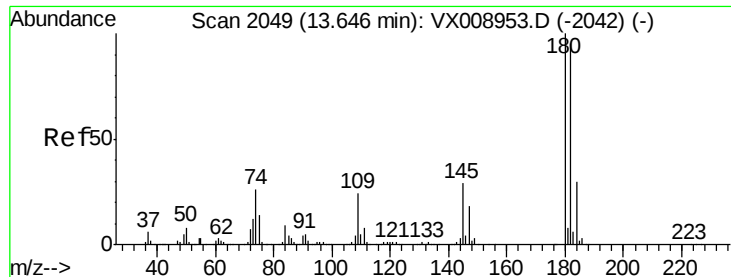
Tot Ion:146 Resp: 96504
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.6 61.9
 148 63.2 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.398 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009095.D
 Acq: 22 Apr 2019 14:25

Tgt Ion: 75 Resp: 18057
 Ion Ratio Lower Upper
 75 100
 155 80.0 41.2 123.6
 157 102.5 52.5 157.6

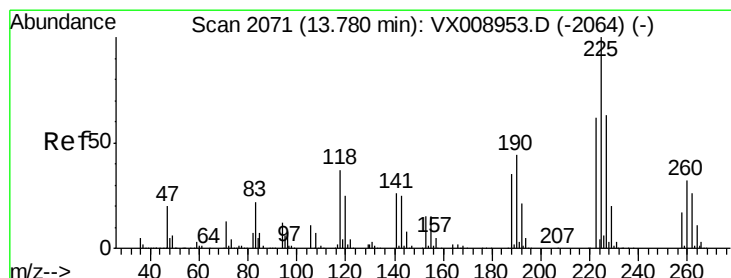
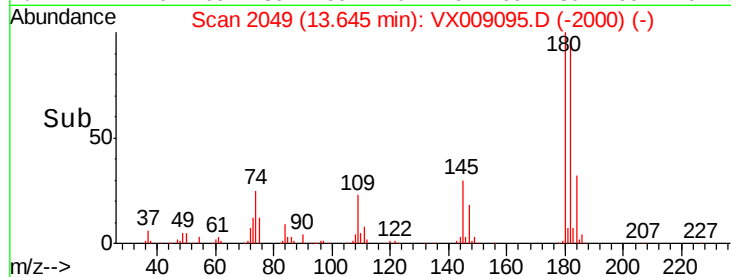
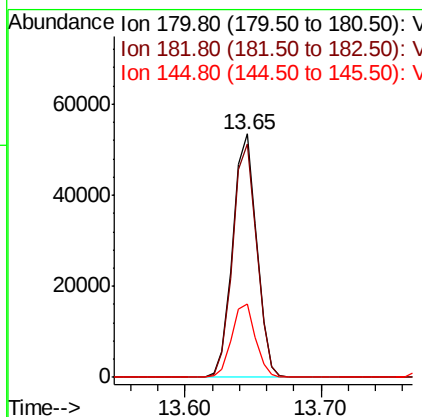
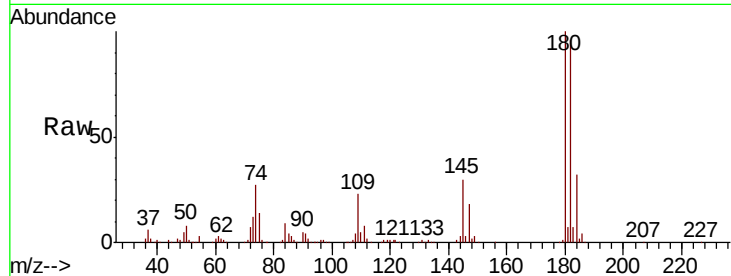




#93
 1,2,4-Trichlorobenzene
 Concen: 20.571 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009095.D
 Acq: 22 Apr 2019 14:25

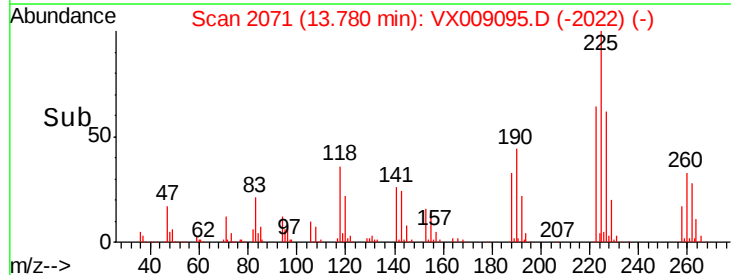
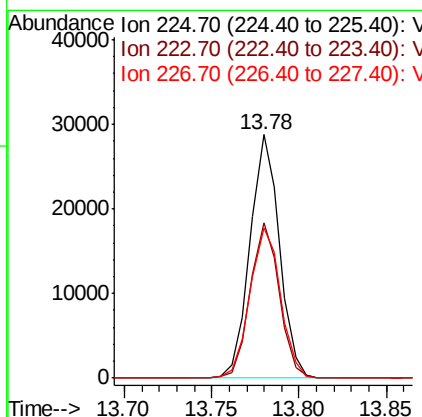
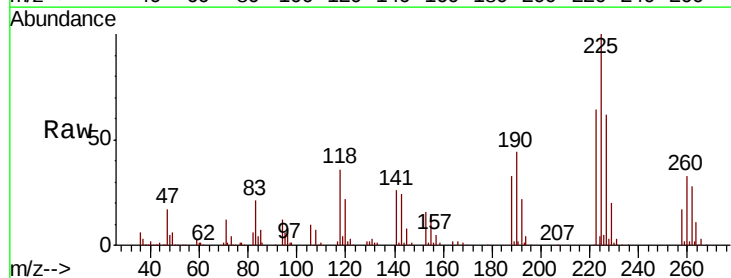
Instrument :
 MSVOA_X
 ClientSampled :
 VX0422WBSD01

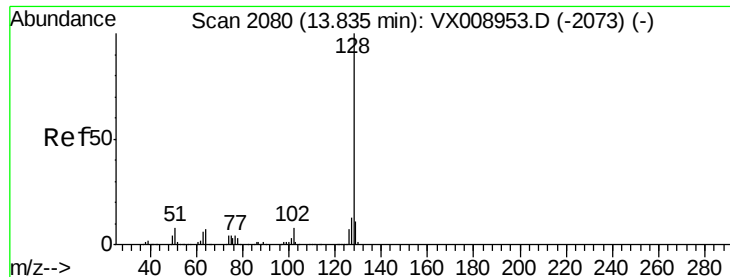
Tot Ion:180 Resp: 65686
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.6 142.9
 145 30.3 14.8 44.4



#94
 Hexachlorobutadiene
 Concen: 21.051 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009095.D
 Acq: 22 Apr 2019 14:25

Tgt Ion:225 Resp: 33525
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.1 93.2
 227 64.3 32.0 96.2





#95

Naphthalene

Concen: 21.392 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

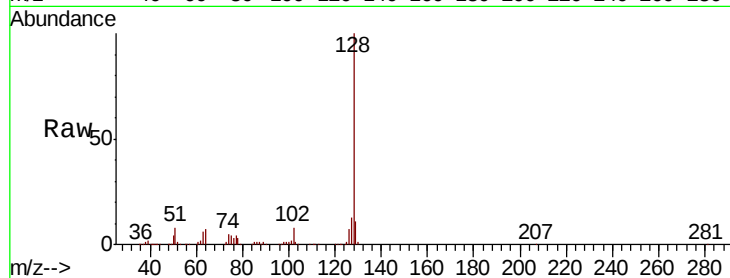
Tot Ion:128 Resp: 218836

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

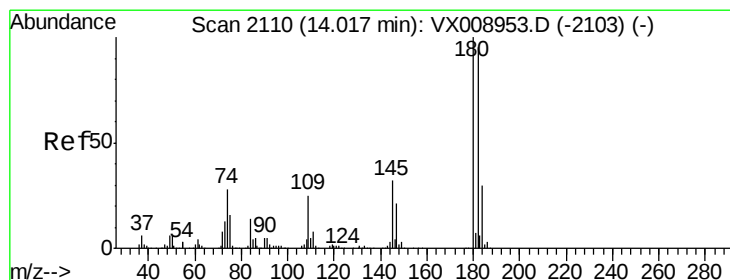
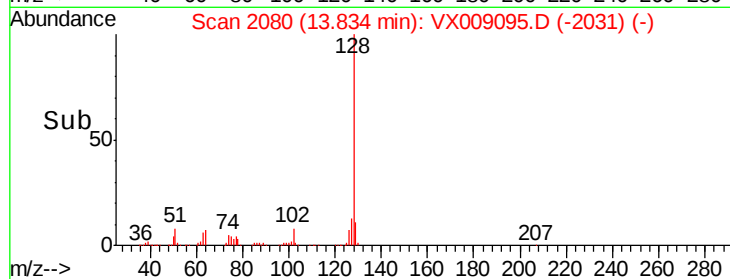
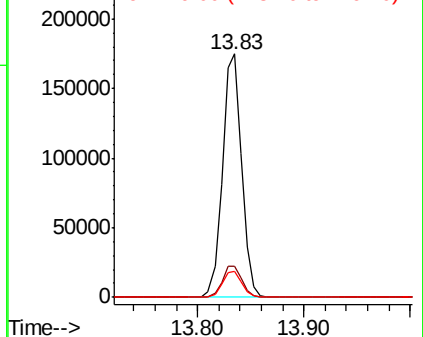
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.026 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

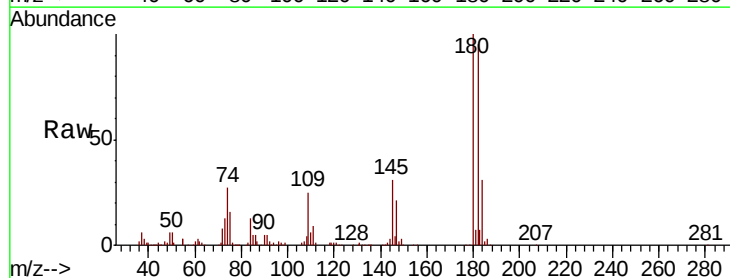
Tgt Ion:180 Resp: 66242

Ion Ratio Lower Upper

180 100

182 95.8 47.8 143.4

145 31.6 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

