

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050819\
 Data File : VX009398.D
 Acq On : 08 May 2019 15:10
 Operator : JC/SP
 Sample : VX0508WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

Quant Time: May 09 06:29:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 03:31:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	169502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	270798	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	240418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117035	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	109978	47.53	ug/l	0.00
Spiked Amount			Recovery	=	95.06%	
35) Dibromofluoromethane	5.49	113	81760	48.03	ug/l	0.00
Spiked Amount			Recovery	=	96.06%	
50) Toluene-d8	8.71	98	327033	47.58	ug/l	0.00
Spiked Amount			Recovery	=	95.16%	
62) 4-Bromofluorobenzene	11.13	95	117334	46.98	ug/l	0.00
Spiked Amount			Recovery	=	93.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	29842	19.105	ug/l	99
3) Chloromethane	1.32	50	44340	20.792	ug/l	99
4) Vinyl Chloride	1.40	62	44206	21.258	ug/l	98
5) Bromomethane	1.64	94	24534	19.657	ug/l	96
6) Chloroethane	1.72	64	28797	21.569	ug/l	98
7) Trichlorofluoromethane	1.93	101	54488	21.556	ug/l	96
8) Diethyl Ether	2.19	74	25109	20.971	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	32928	20.744	ug/l	99
10) Methyl Iodide	2.51	142	28180	18.470	ug/l	99
11) Tert butyl alcohol	3.05	59	58484	109.191	ug/l	99
12) 1,1-Dichloroethene	2.37	96	34040	21.403	ug/l	94
13) Acrolein	2.29	56	42626	87.876	ug/l	99
14) Allyl chloride	2.73	41	79394	20.484	ug/l	99
15) Acrylonitrile	3.14	53	138210	105.535	ug/l	99
16) Acetone	2.45	43	136303	109.703	ug/l	99
17) Carbon Disulfide	2.57	76	98338	22.023	ug/l	98
18) Methyl Acetate	2.78	43	57804	19.562	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	128403	20.791	ug/l	99
20) Methylene Chloride	2.85	84	41233	20.496	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	35980	20.860	ug/l	99
22) Diisopropyl ether	3.86	45	155031	20.799	ug/l	95
23) Vinyl Acetate	3.81	43	701551	109.914	ug/l	99
24) 1,1-Dichloroethane	3.70	63	75512	20.536	ug/l	100
25) 2-Butanone	4.67	43	212160	109.884	ug/l	100
26) 2,2-Dichloropropane	4.58	77	56015	20.466	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	42619	20.701	ug/l	100
28) Bromochloromethane	5.01	49	27939	17.070	ug/l	99
29) Tetrahydrofuran	5.13	42	136114	109.554	ug/l	100
30) Chloroform	5.21	83	70376	21.162	ug/l	97
31) Cyclohexane	5.58	56	73372	21.448	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	57776	20.870	ug/l	99
36) 1,1-Dichloropropene	5.80	75	52529	20.873	ug/l	99
37) Ethyl Acetate	4.84	43	79090	22.556	ug/l	98
38) Carbon Tetrachloride	5.79	117	47604	20.820	ug/l	98

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Instrument :
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 ClientSampleId :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65826	21.299	ug/l	97
40) Benzene	6.14	78	165901	21.301	ug/l	99
41) Methacrylonitrile	5.04	41	42885	20.547	ug/l	99
42) 1,2-Dichloroethane	6.20	62	59450	21.279	ug/l	99
43) Isopropyl Acetate	6.45	43	120594	21.502	ug/l	100
44) Trichloroethene	7.21	130	39494	20.976	ug/l	96
45) 1,2-Dichloropropane	7.51	63	46343	21.014	ug/l	97
46) Dibromomethane	7.66	93	26400	20.614	ug/l	97
47) Bromodichloromethane	7.90	83	53037	20.762	ug/l	99
48) Methyl methacrylate	7.77	41	59688	21.451	ug/l	99
49) 1,4-Dioxane	7.74	88	24456	433.391	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	397801	108.515	ug/l	100
52) Toluene	8.79	92	101295	21.396	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	60035	20.816	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	66813	20.929	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	40990	21.222	ug/l	96
56) Ethyl methacrylate	9.18	69	72368	20.990	ug/l	98
57) 1,3-Dichloropropane	9.37	76	71138	20.930	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	173800	95.023	ug/l	100
59) 2-Hexanone	9.49	43	313291	108.815	ug/l	99
60) Dibromochloromethane	9.58	129	39021	20.685	ug/l	98
61) 1,2-Dibromoethane	9.67	107	41491	21.281	ug/l	99
64) Tetrachloroethene	9.34	164	36701	22.254	ug/l	99
65) Chlorobenzene	10.14	112	102833	21.381	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	36848	21.133	ug/l	100
67) Ethyl Benzene	10.25	91	190334	21.504	ug/l	98
68) m/p-Xylenes	10.36	106	139706	43.192	ug/l	97
69) o-Xylene	10.69	106	68823	21.566	ug/l	98
70) Styrene	10.71	104	120398	21.706	ug/l	100
71) Bromoform	10.85	173	29874	21.083	ug/l #	98
73) Isopropylbenzene	11.02	105	182528	21.447	ug/l	99
74) N-amyl acetate	10.90	43	105881	21.339	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	66695	21.022	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	78555	28.936	ug/l	82
77) Bromobenzene	11.26	156	45215	21.405	ug/l	98
78) n-propylbenzene	11.36	91	207034	21.301	ug/l	100
79) 2-Chlorotoluene	11.42	91	125396	20.912	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	155151	21.651	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	21364	20.135	ug/l	94
82) 4-Chlorotoluene	11.51	91	141787	20.930	ug/l	99
83) tert-Butylbenzene	11.77	119	147897	21.216	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	154656	21.501	ug/l	100
85) sec-Butylbenzene	11.94	105	174570	21.122	ug/l	100
86) p-Isopropyltoluene	12.06	119	158750	21.366	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	79608	21.140	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	79222	20.867	ug/l	98
89) n-Butylbenzene	12.38	91	139355	20.751	ug/l	100
90) Hexachloroethane	12.60	117	26008	20.547	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	81012	21.121	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16003	22.485	ug/l	97

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ALS Vial : 10 Sample Multiplier: 1

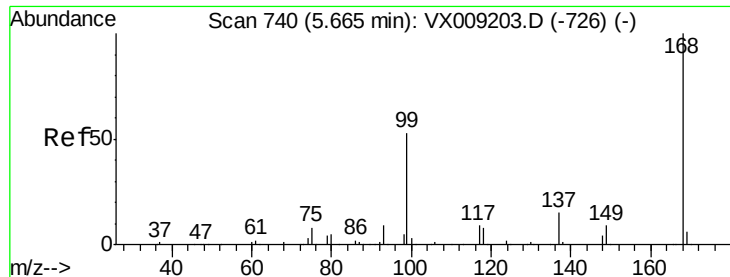
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

Quant Time: May 09 06:29:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 03:31:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	55671	21.225	ug/l	98
94) Hexachlorobutadiene	13.78	225	28114	20.990	ug/l	100
95) Naphthalene	13.83	128	188999	22.148	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	57867	21.765	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

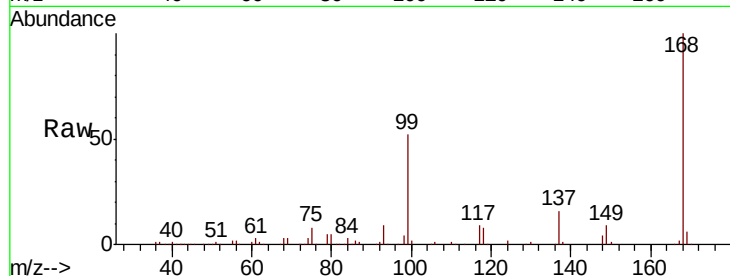
VX0508WBSD01

Tot Ion:168 Resp: 169502

Ion Ratio Lower Upper

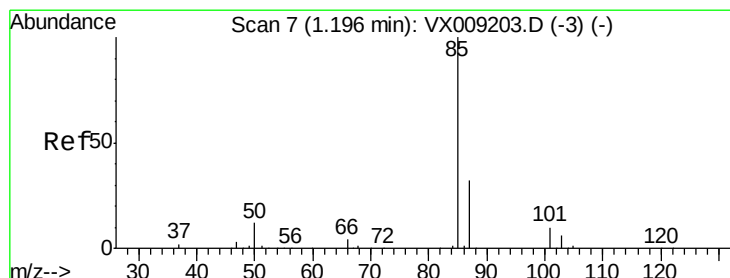
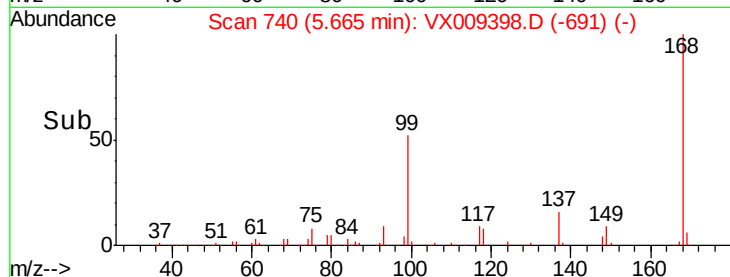
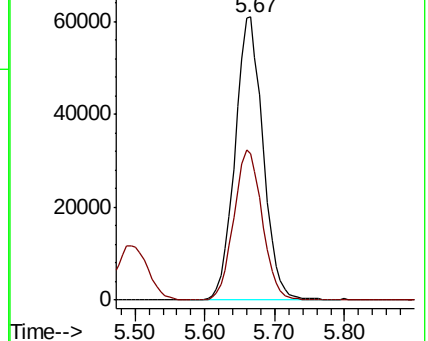
168 100

99 51.7 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.105 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009398.D

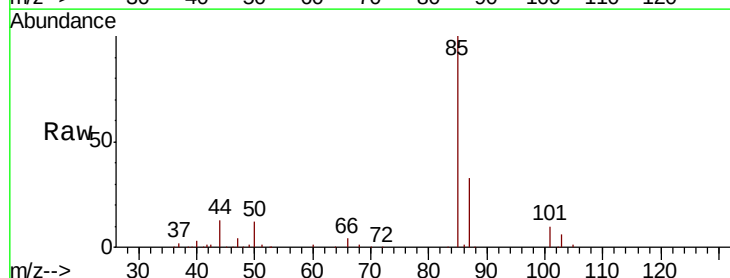
Acq: 08 May 2019 15:10

Tgt Ion: 85 Resp: 29842

Ion Ratio Lower Upper

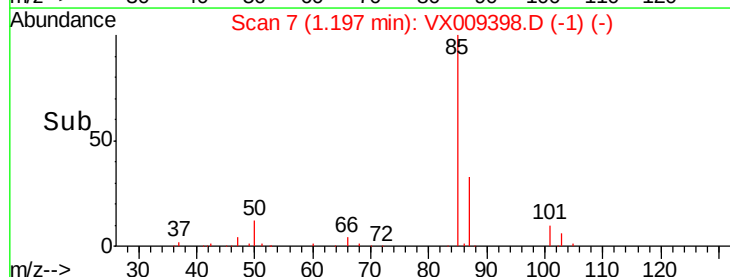
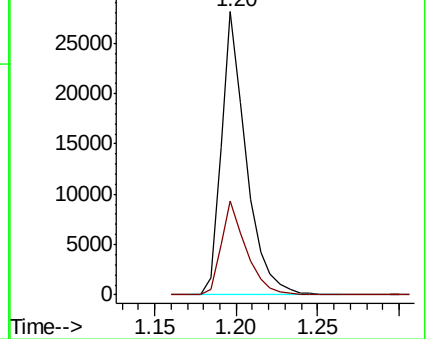
85 100

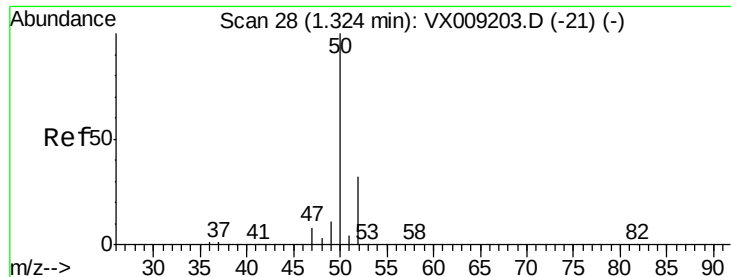
87 33.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.792 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

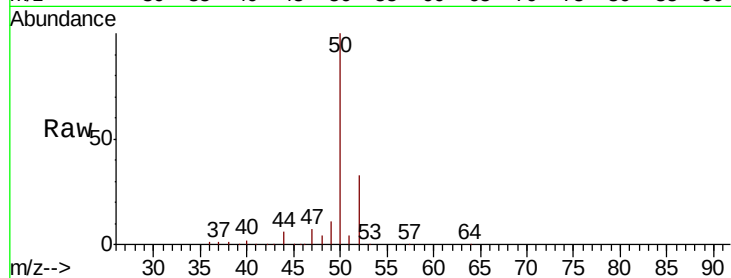
VX0508WBSD01

Tot Ion: 50 Resp: 44340

Ion Ratio Lower Upper

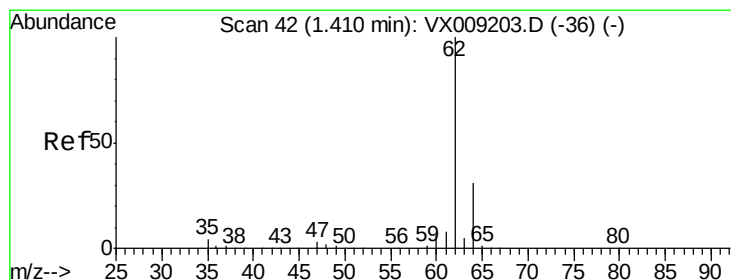
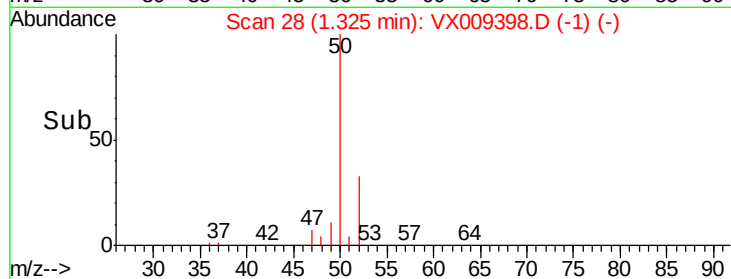
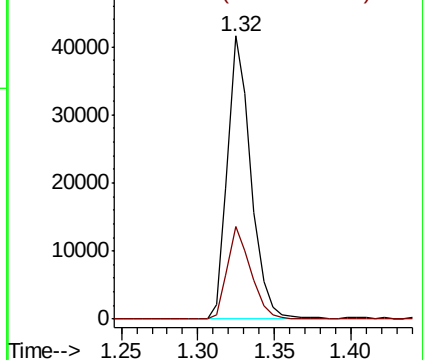
50 100

52 32.7 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.258 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009398.D

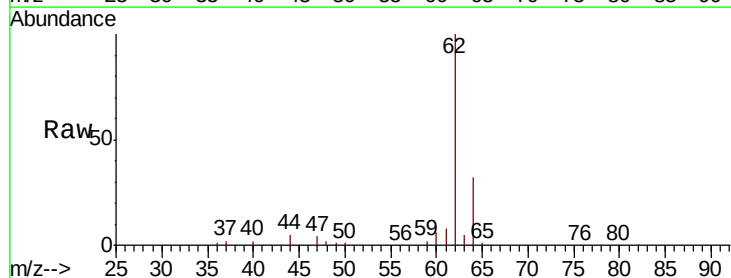
Acq: 08 May 2019 15:10

Tgt Ion: 62 Resp: 44206

Ion Ratio Lower Upper

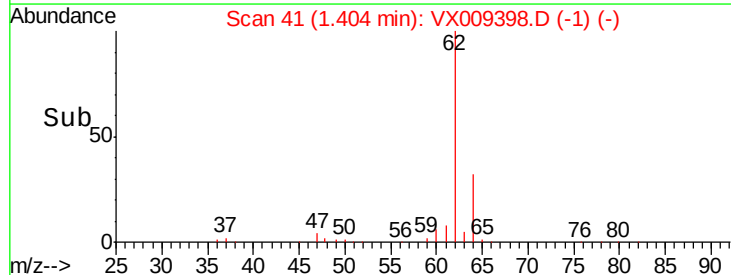
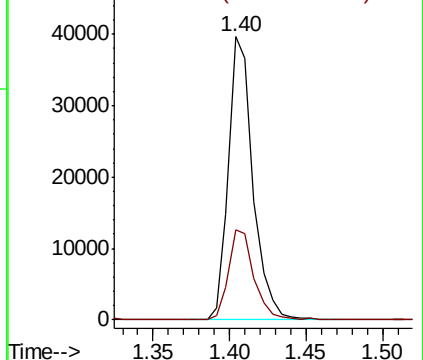
62 100

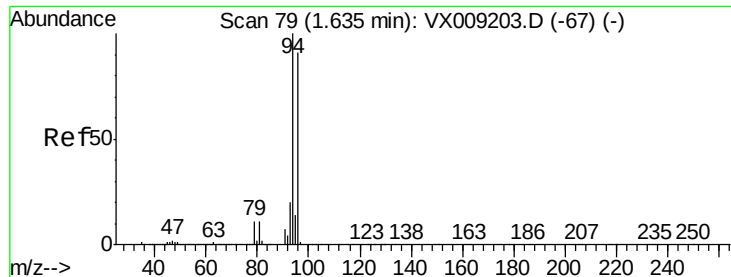
64 31.8 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.657 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

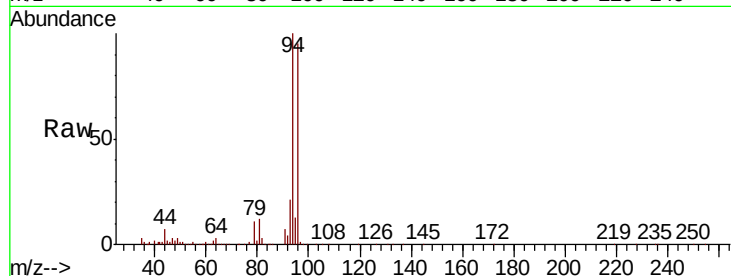
VX0508WBSD01

Tot Ion: 94 Resp: 24534

Ion Ratio Lower Upper

94 100

96 94.8 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

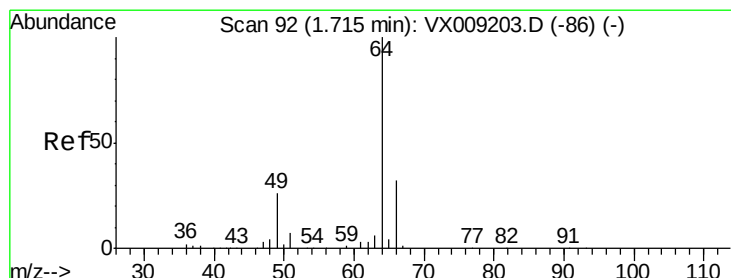
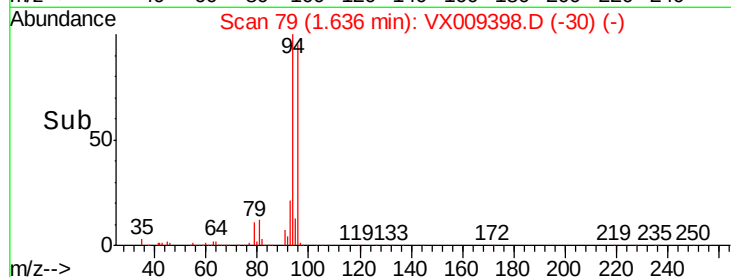
10000

5000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 21.569 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009398.D

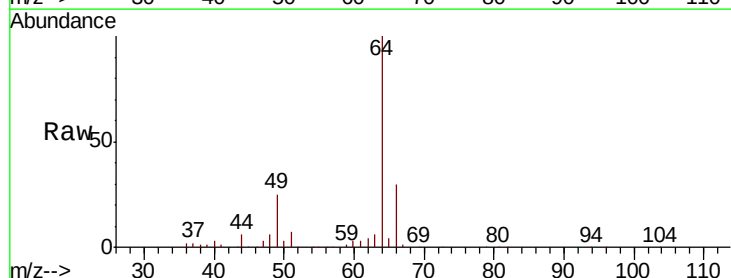
Acq: 08 May 2019 15:10

Tgt Ion: 64 Resp: 28797

Ion Ratio Lower Upper

64 100

66 30.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

15000

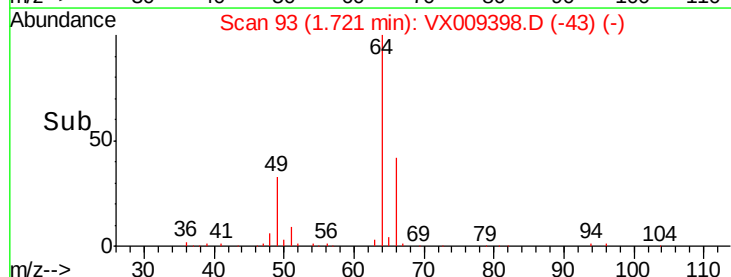
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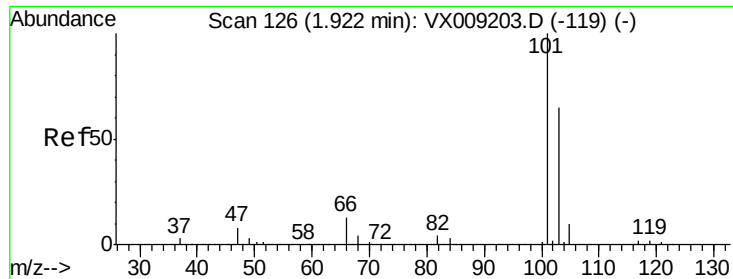
5000

0

Time-->

1.65 1.70 1.75 1.80



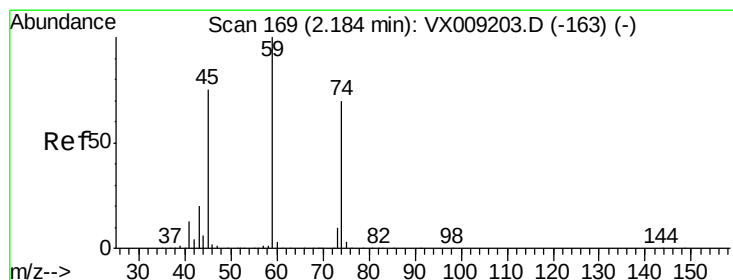
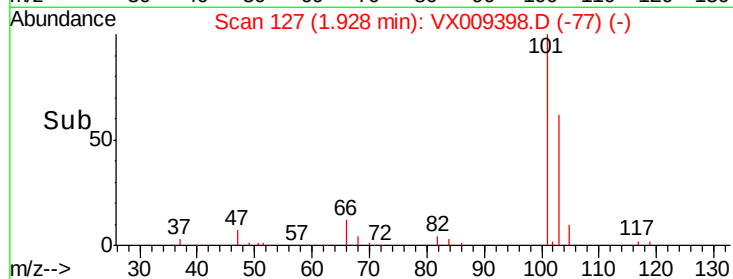
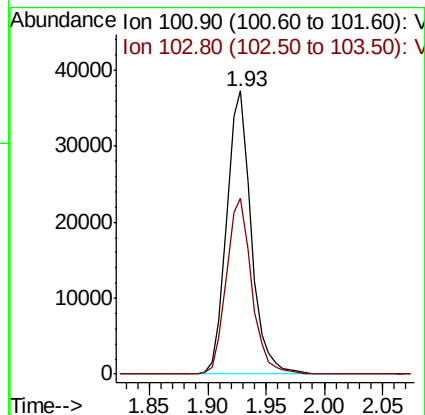
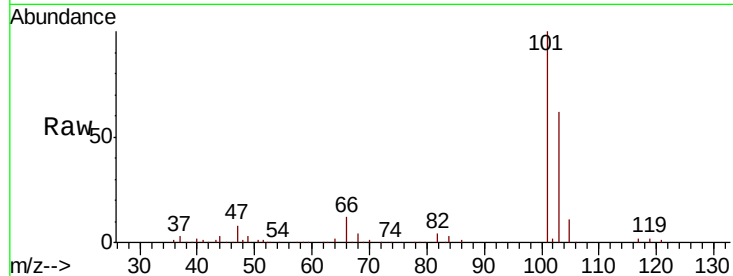


#7

Trichlorofluoromethane
 Concen: 21.556 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

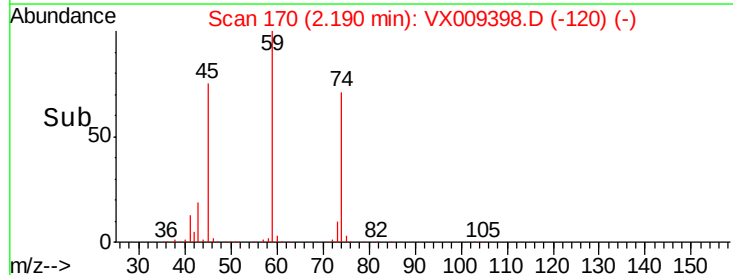
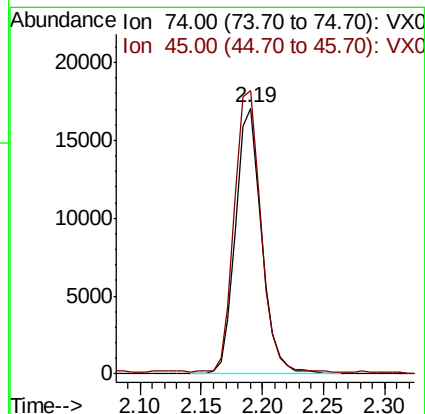
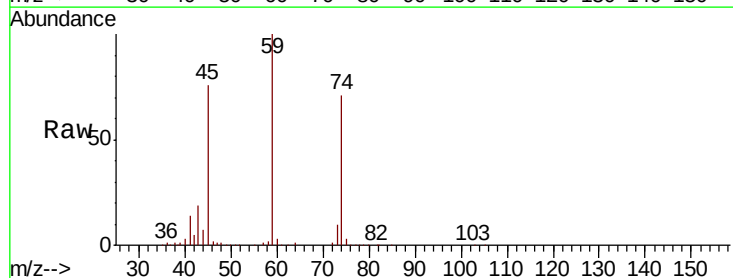
Tot Ion:101 Resp: 54488
 Ion Ratio Lower Upper
 101 100
 103 62.1 52.4 78.6

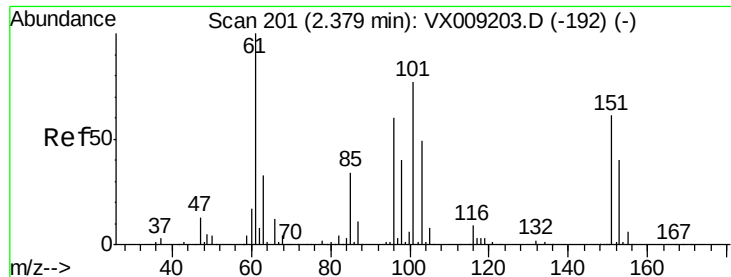


#8

Diethyl Ether
 Concen: 20.971 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

Tgt Ion: 74 Resp: 25109
 Ion Ratio Lower Upper
 74 100
 45 108.4 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.744 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

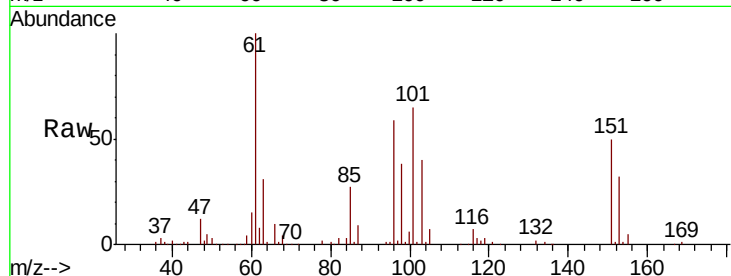
Tot Ion:101 Resp: 32928

Ion Ratio Lower Upper

101 100

85 44.4 35.7 53.5

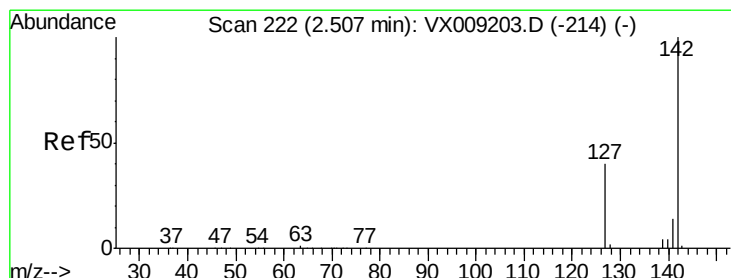
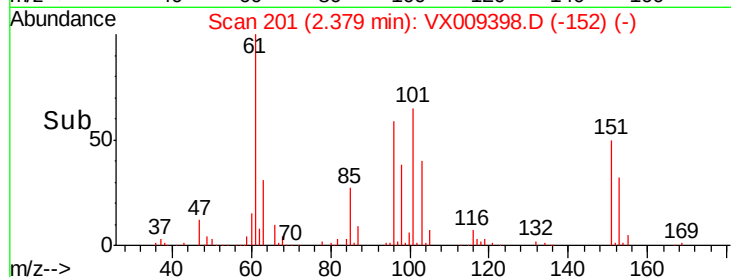
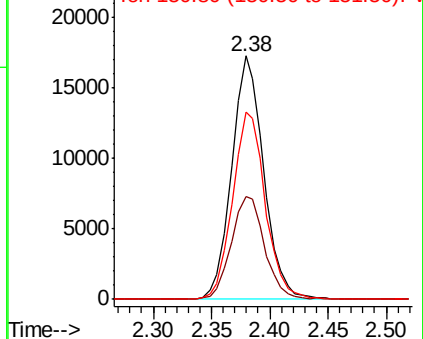
151 78.8 62.2 93.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.470 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

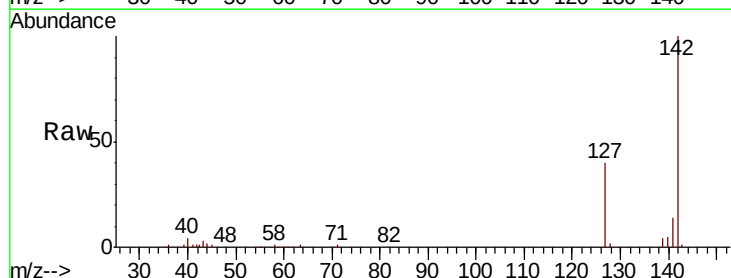
Tgt Ion:142 Resp: 28180

Ion Ratio Lower Upper

142 100

127 41.4 32.7 49.1

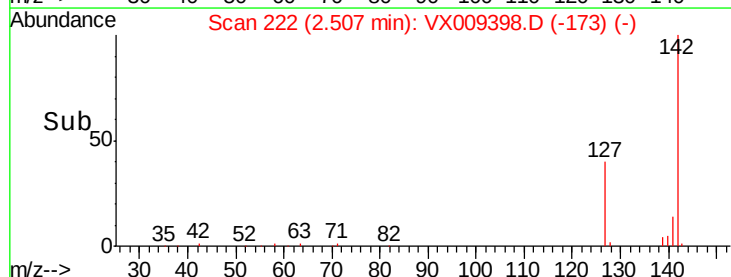
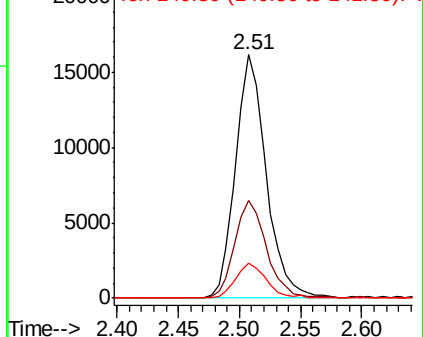
141 14.2 11.5 17.3

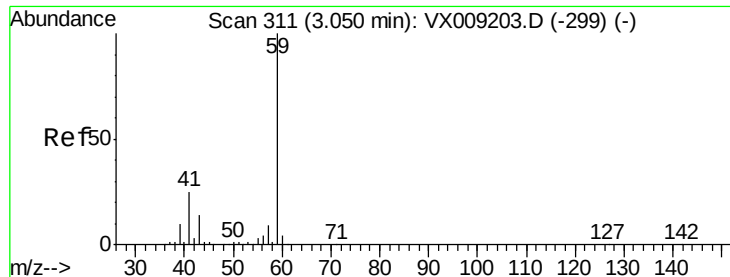


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

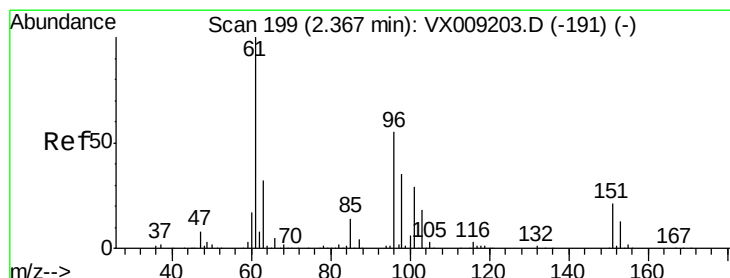
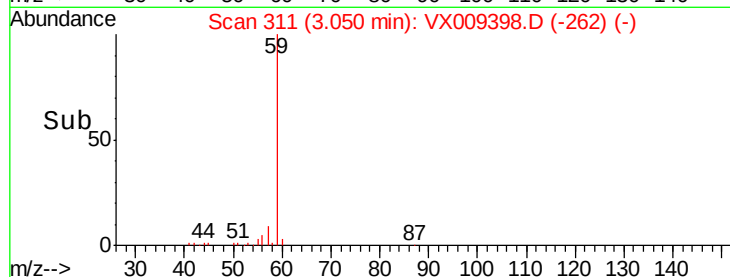
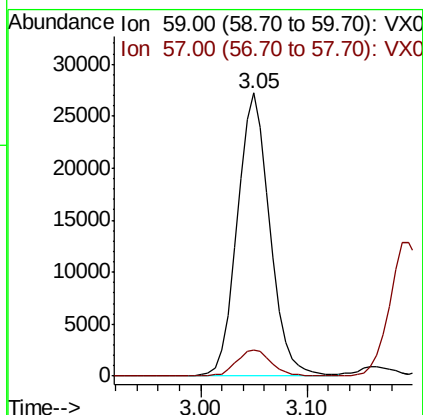
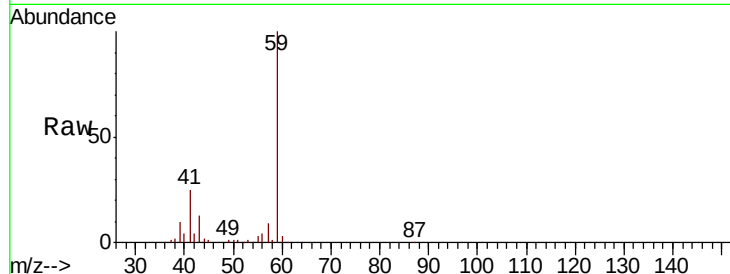




#11
Tert butyl alcohol
Concen: 109.191 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

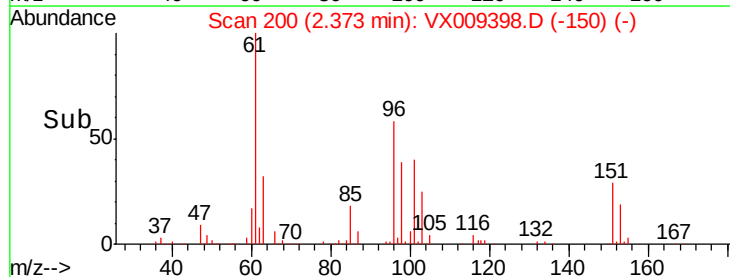
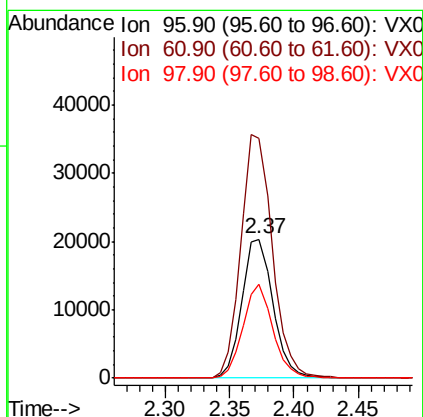
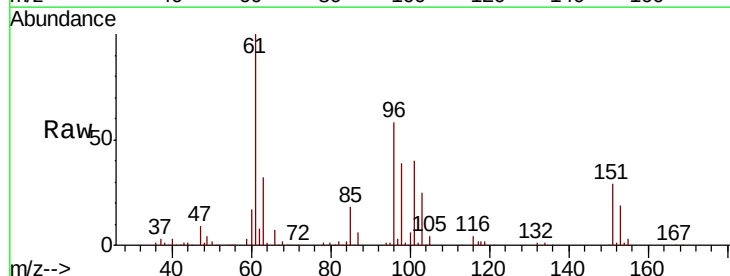
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

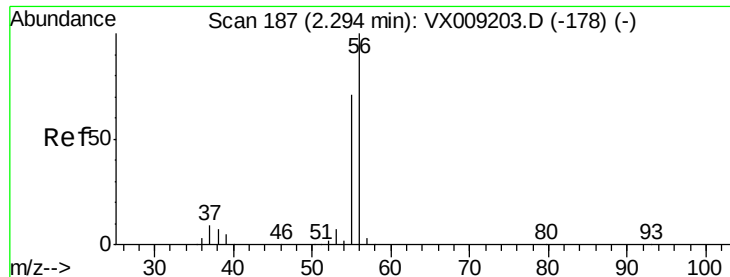
Tot Ion: 59 Resp: 58484
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.2



#12
1,1-Dichloroethene
Concen: 21.403 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Tgt Ion: 96 Resp: 34040
Ion Ratio Lower Upper
96 100
61 172.8 144.3 216.5
98 67.8 50.3 75.5





#13

Acrolein

Concen: 87.876 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

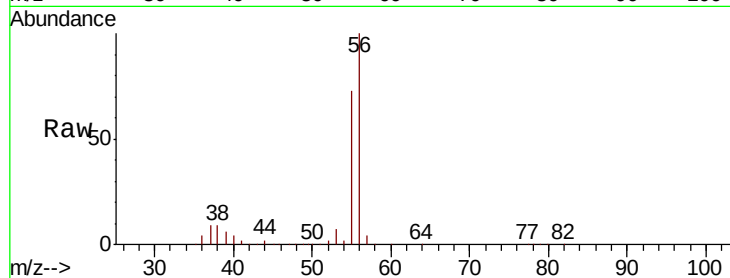
VX0508WBSD01

Tot Ion: 56 Resp: 42626

Ion Ratio Lower Upper

56 100

55 71.5 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

30000

25000

20000

15000

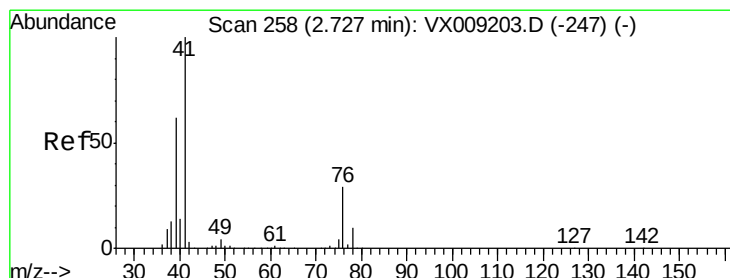
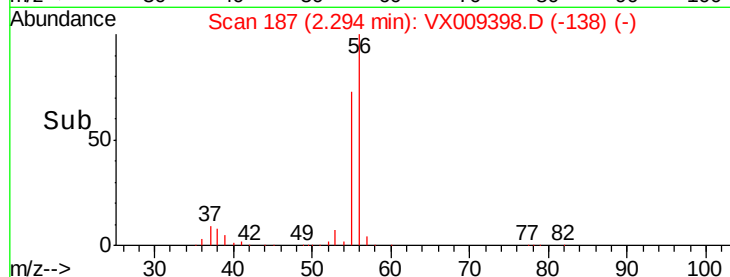
10000

5000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 20.484 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

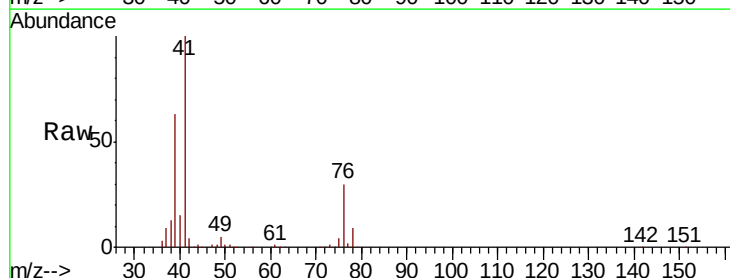
Tgt Ion: 41 Resp: 79394

Ion Ratio Lower Upper

41 100

39 59.8 46.7 70.1

76 27.4 21.8 32.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

50000

40000

30000

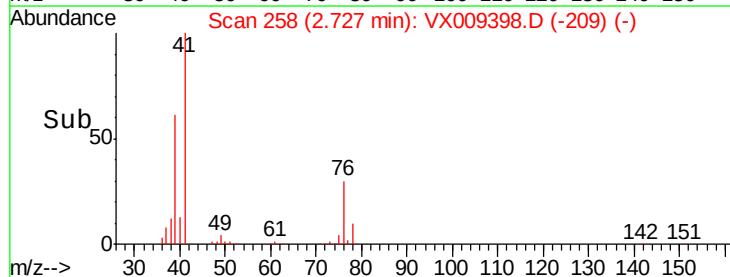
20000

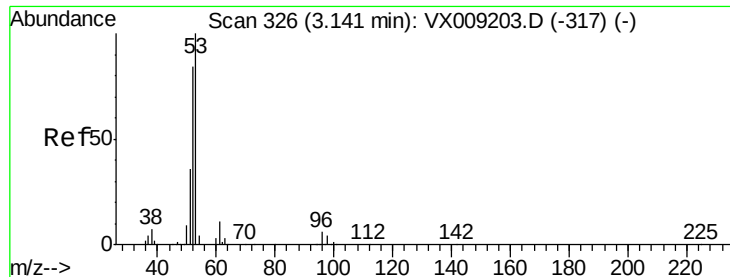
10000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 105.535 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

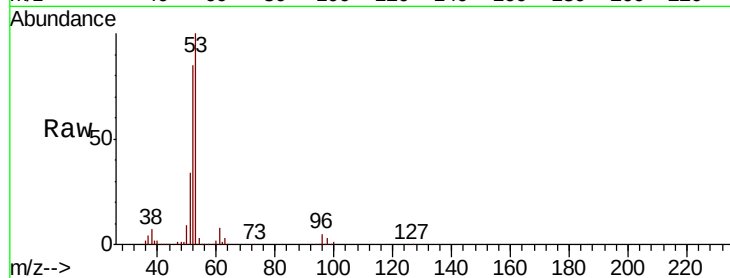
Tot Ion: 53 Resp: 138210

Ion Ratio Lower Upper

53 100

52 84.4 66.9 100.3

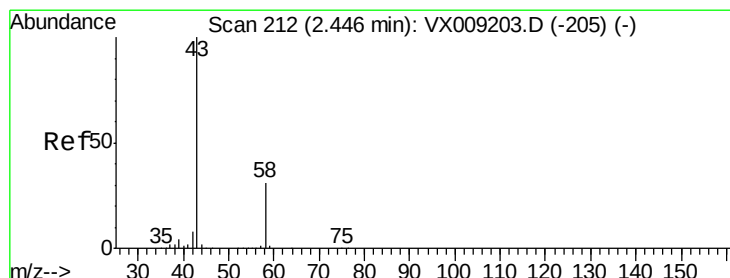
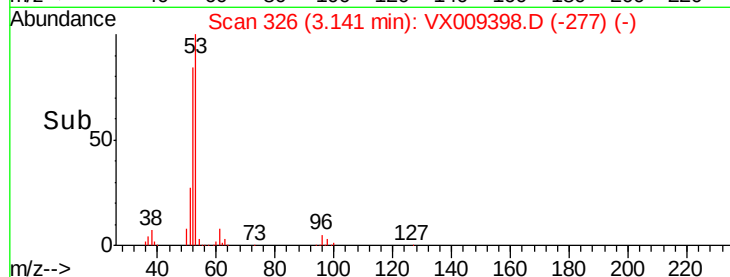
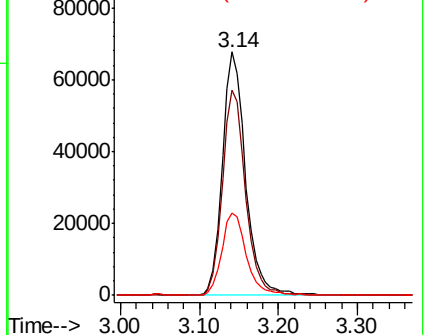
51 36.2 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 109.703 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009398.D

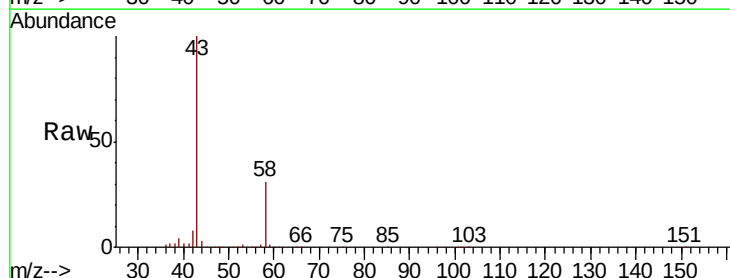
Acq: 08 May 2019 15:10

Tgt Ion: 43 Resp: 136303

Ion Ratio Lower Upper

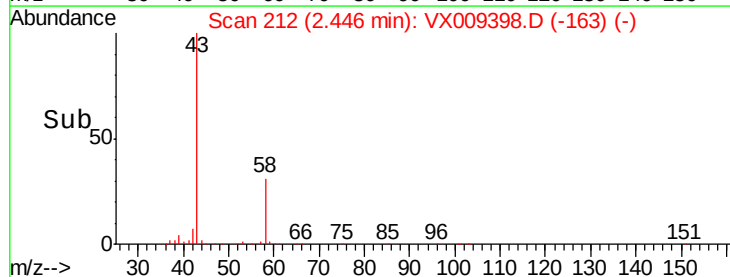
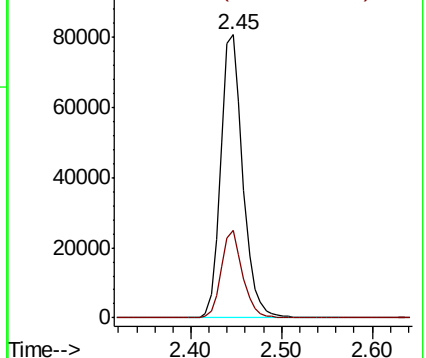
43 100

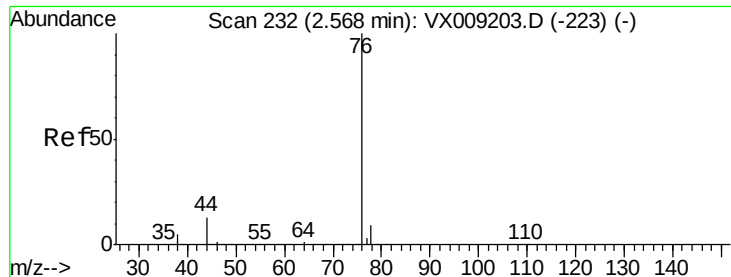
58 30.7 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 22.023 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

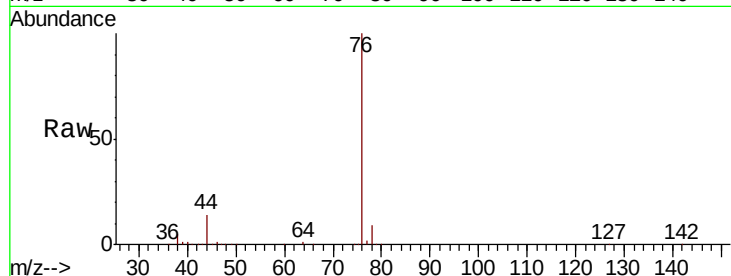
VX0508WBSD01

Tot Ion: 76 Resp: 98338

Ion Ratio Lower Upper

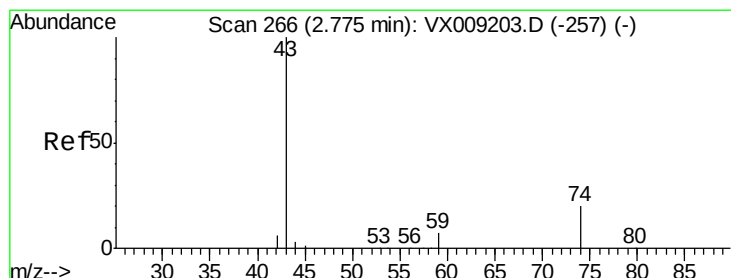
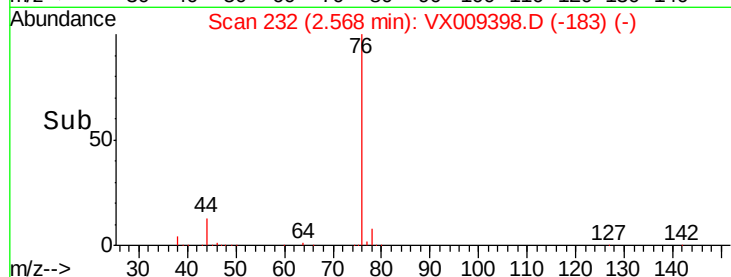
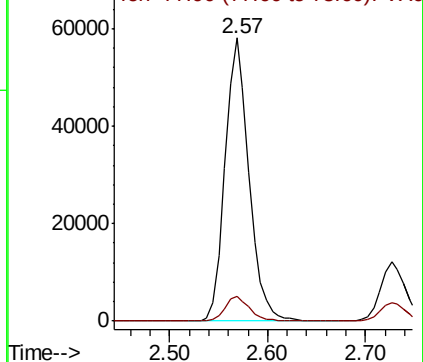
76 100

78 8.6 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.562 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX009398.D

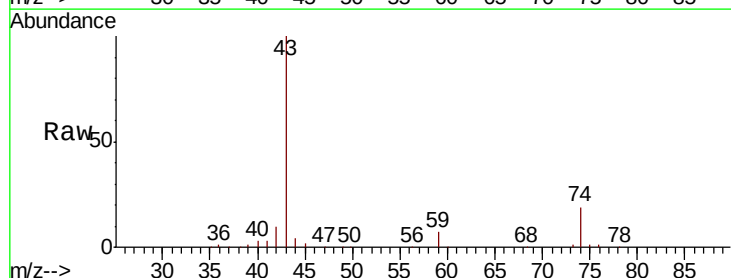
Acq: 08 May 2019 15:10

Tgt Ion: 43 Resp: 57804

Ion Ratio Lower Upper

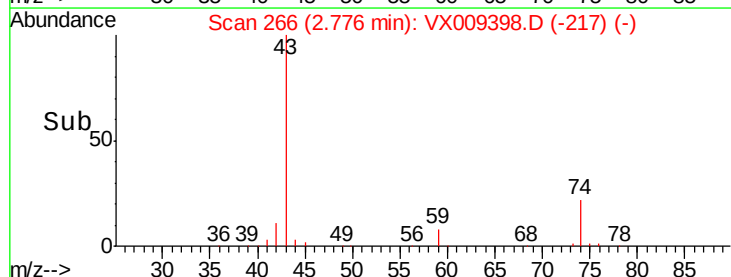
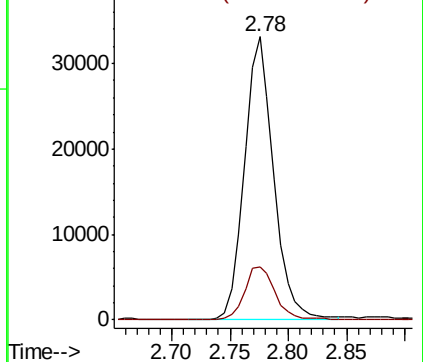
43 100

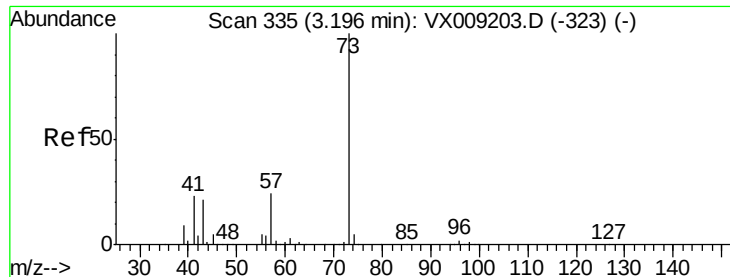
74 20.4 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



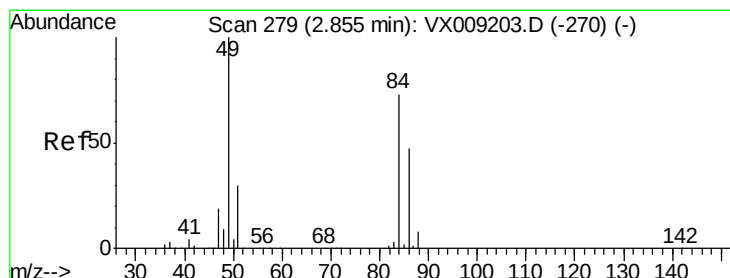
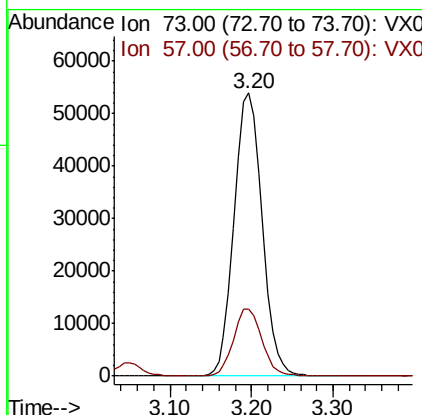
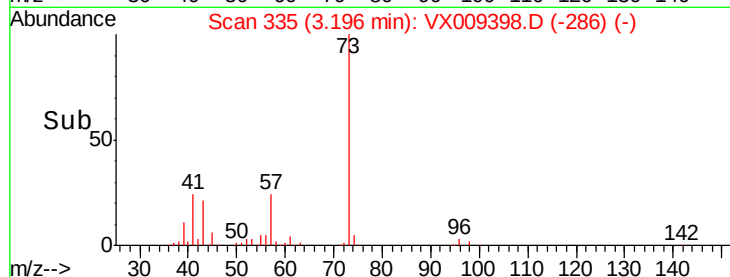
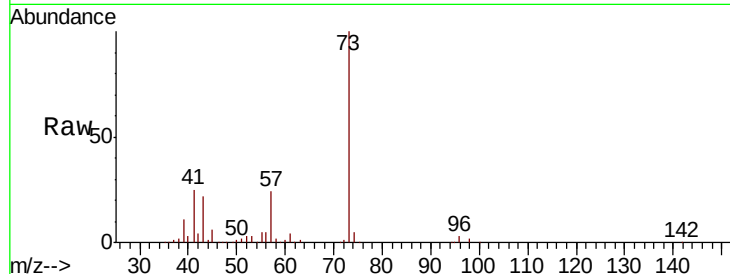


#19

Methyl tert-butyl Ether
 Concen: 20.791 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

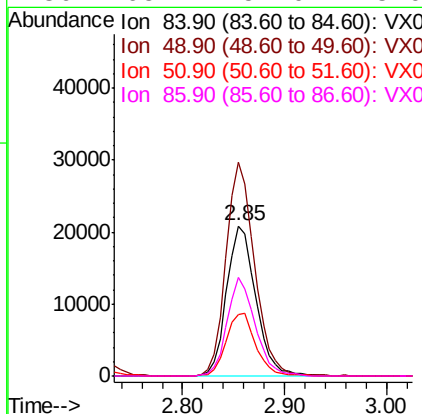
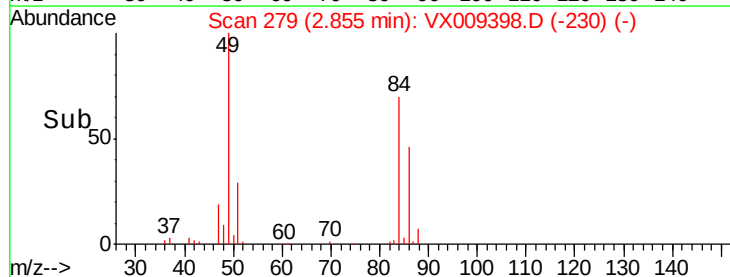
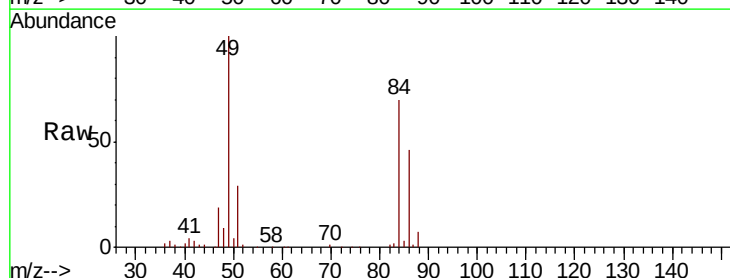
Tot Ion: 73 Resp: 128403
 Ion Ratio Lower Upper
 73 100
 57 23.8 19.3 28.9

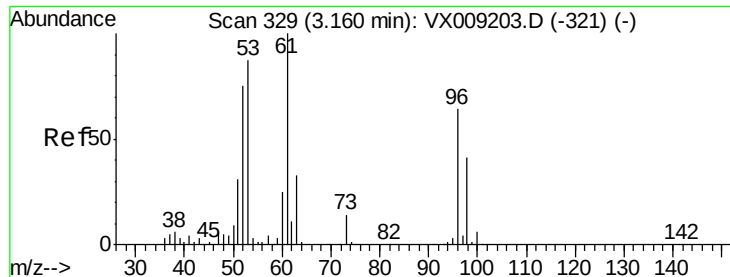


#20

Methylene Chloride
 Concen: 20.496 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

Tgt Ion: 84 Resp: 41233
 Ion Ratio Lower Upper
 84 100
 49 142.4 109.9 164.9
 51 41.3 32.7 49.1
 86 65.4 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 20.860 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

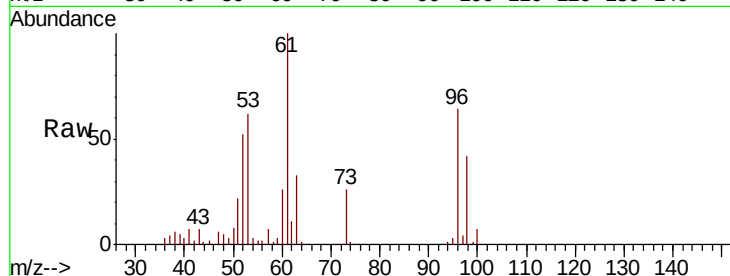
Tot Ion: 96 Resp: 35980

Ion Ratio Lower Upper

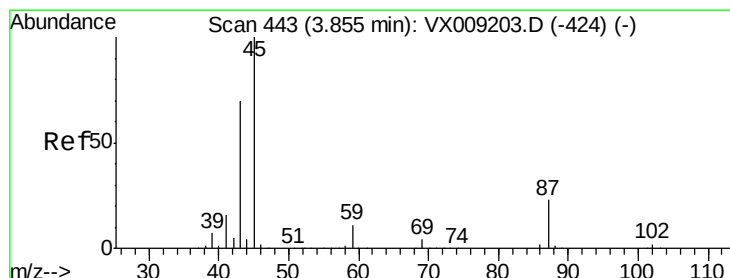
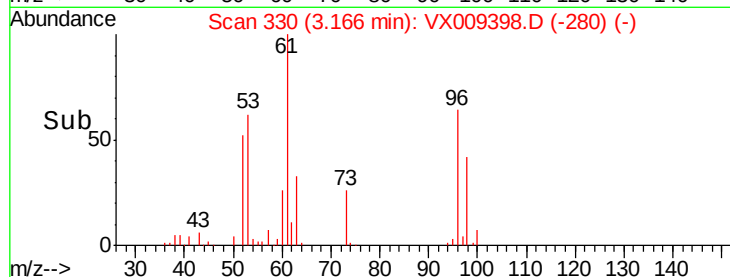
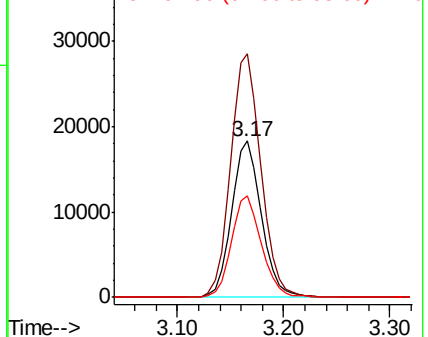
96 100

61 155.6 124.5 186.7

98 64.9 50.4 75.6



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



#22

Diisopropyl ether

Concen: 20.799 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Tgt Ion: 45 Resp: 155031

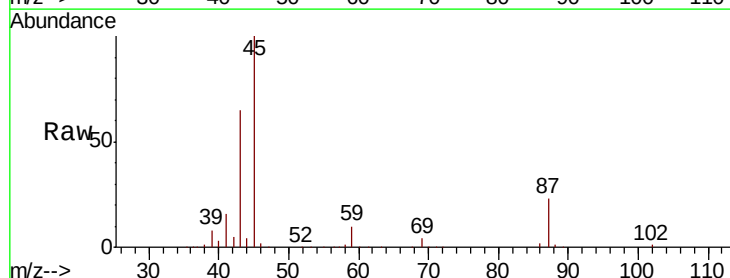
Ion Ratio Lower Upper

45 100

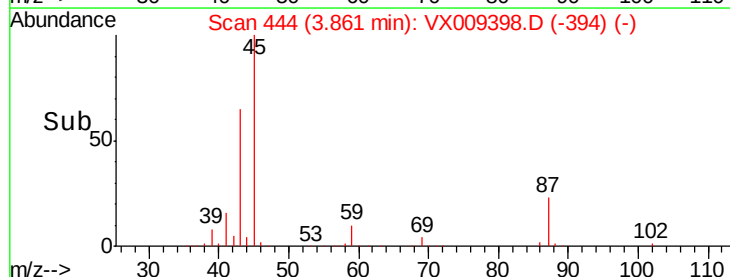
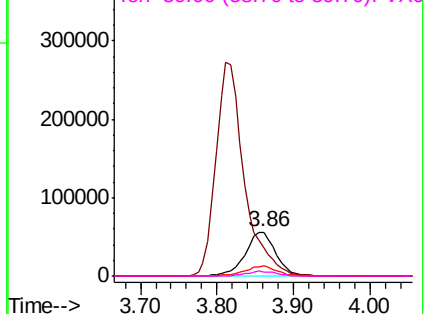
43 64.4 56.1 84.1

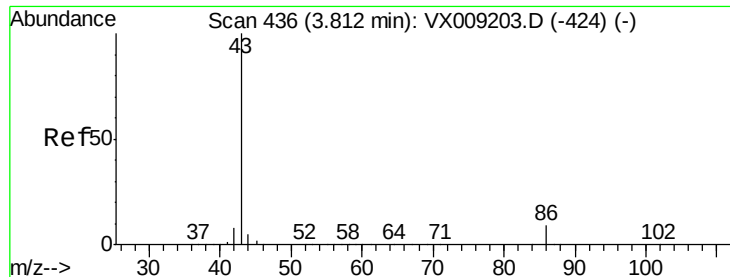
87 23.3 18.1 27.1

59 10.0 8.5 12.7



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 109.914 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

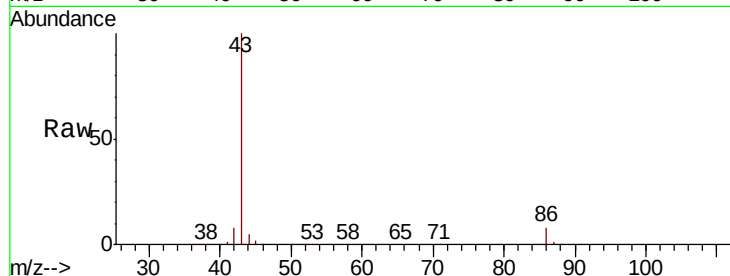
VX0508WBSD01

Tot Ion: 43 Resp: 701551

Ion Ratio Lower Upper

43 100

86 8.4 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

300000

250000

200000

150000

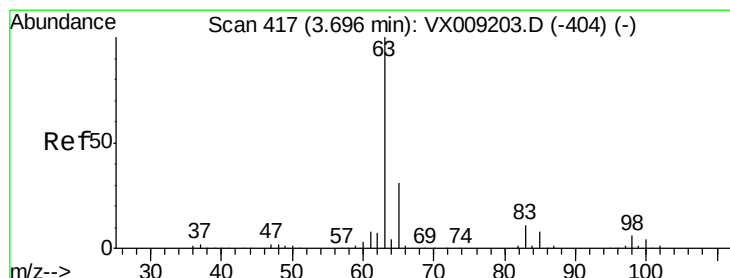
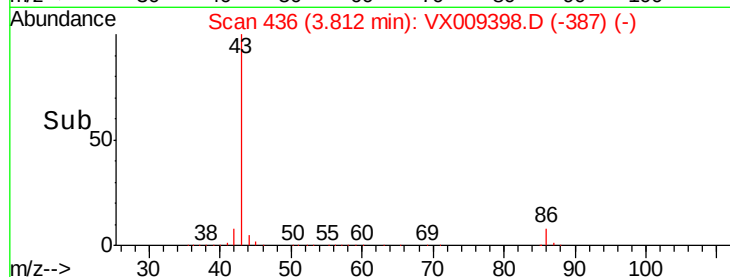
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 20.536 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

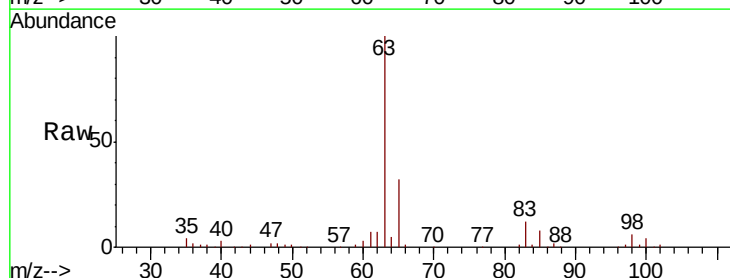
Tgt Ion: 63 Resp: 75512

Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.2

100 4.2 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

40000

30000

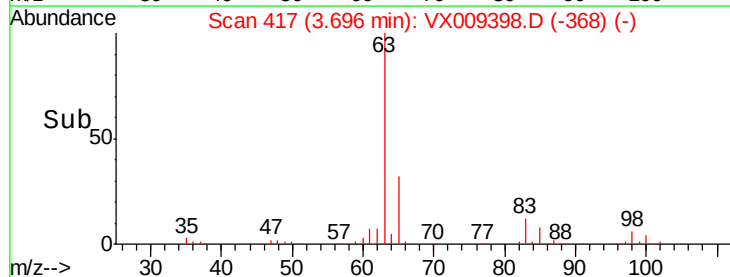
20000

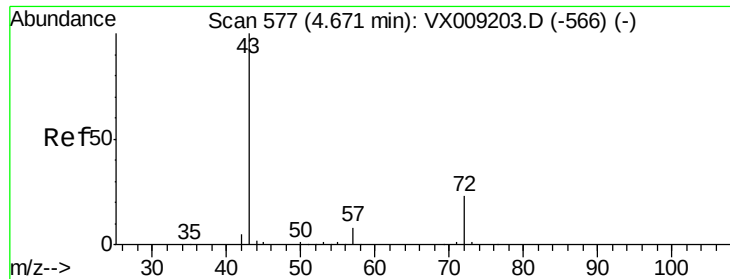
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 109.884 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

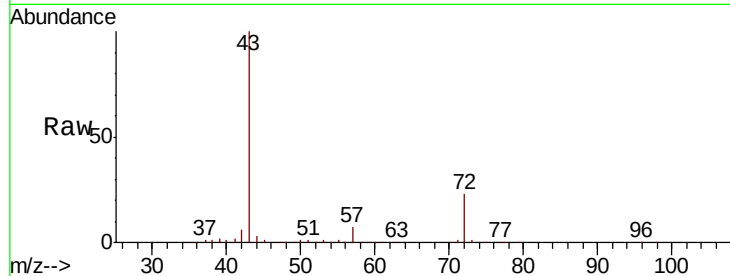
VX0508WBSD01

Tot Ion: 43 Resp: 212160

Ion Ratio Lower Upper

43 100

72 22.5 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

80000

60000

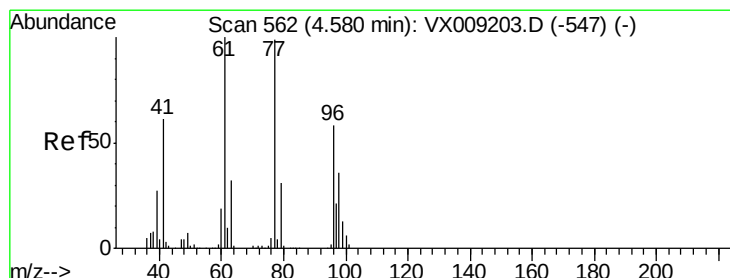
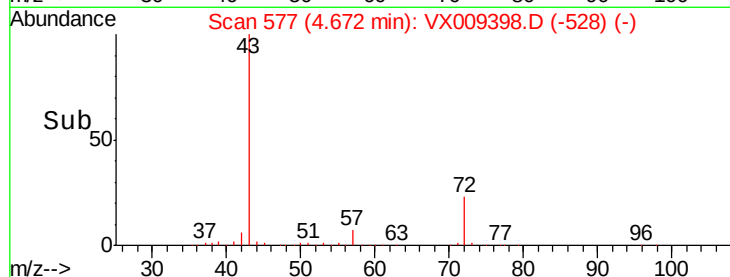
40000

20000

0

4.60 4.67 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 20.466 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009398.D

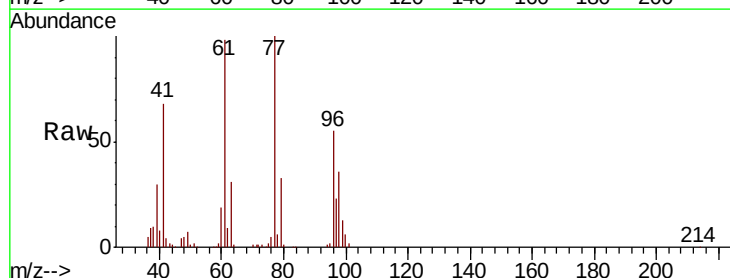
Acq: 08 May 2019 15:10

Tgt Ion: 77 Resp: 56015

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

20000

15000

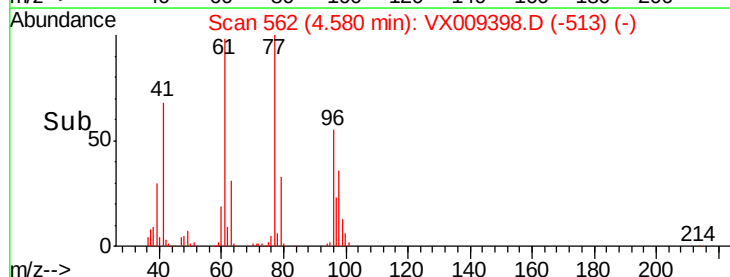
10000

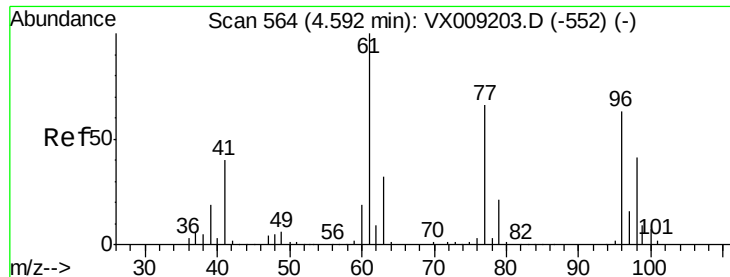
5000

0

4.40 4.50 4.58 4.70

Time-->



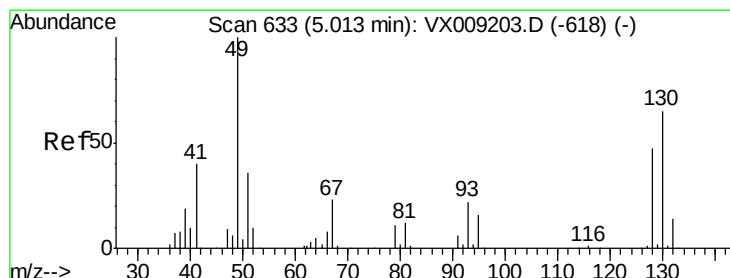
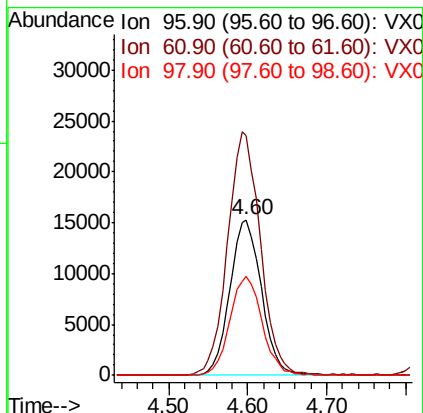
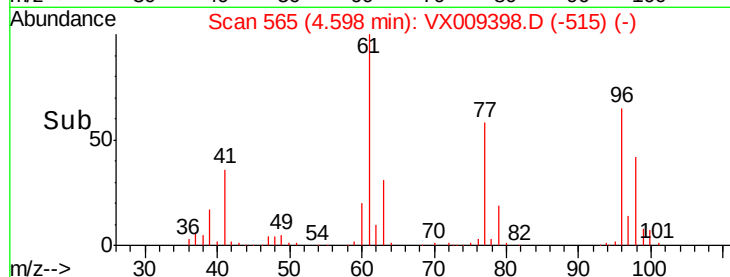
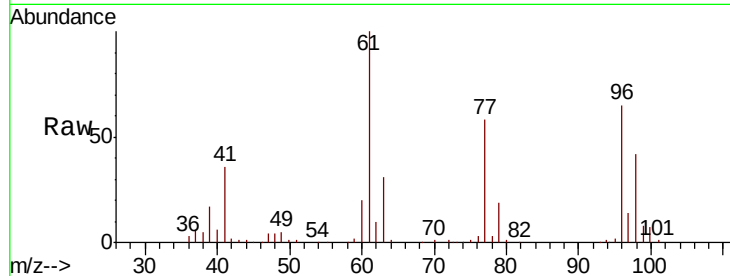


#27

cis-1,2-Dichloroethene
 Concen: 20.701 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

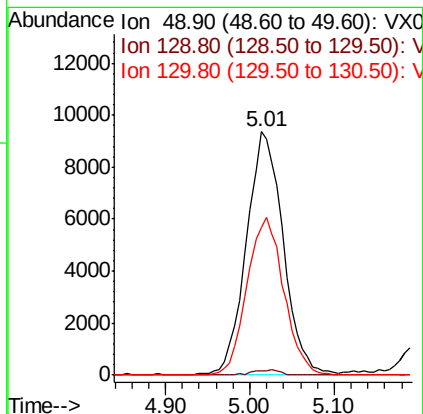
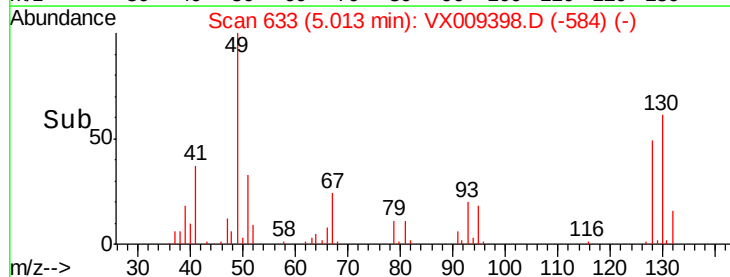
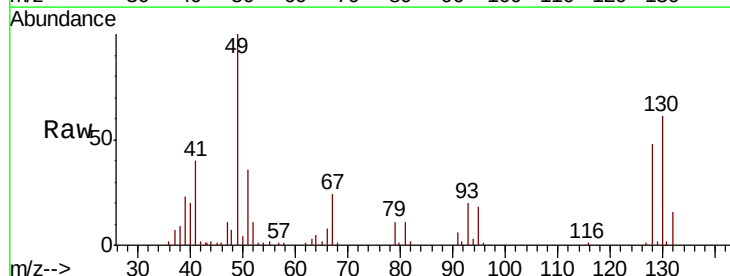
Tot Ion: 96 Resp: 42619
 Ion Ratio Lower Upper
 96 100
 61 162.5 0.0 324.0
 98 64.9 0.0 130.4

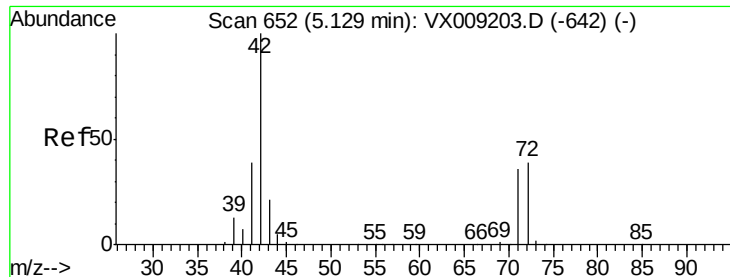


#28

Bromochloromethane
 Concen: 17.070 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

Tgt Ion: 49 Resp: 27939
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.8
 130 64.4 51.2 76.8

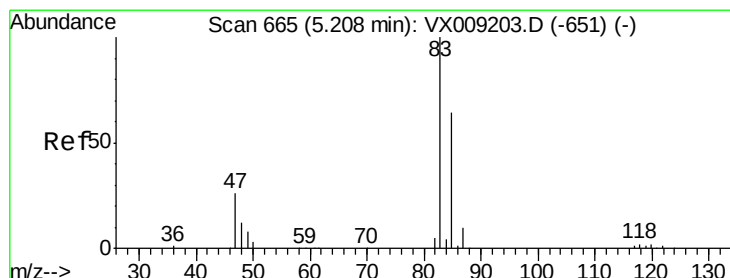
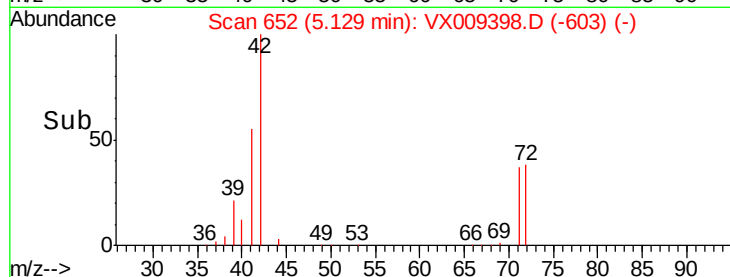
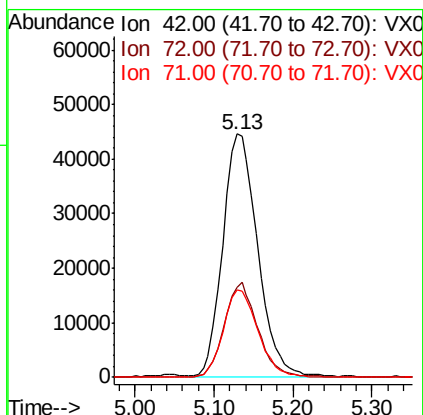
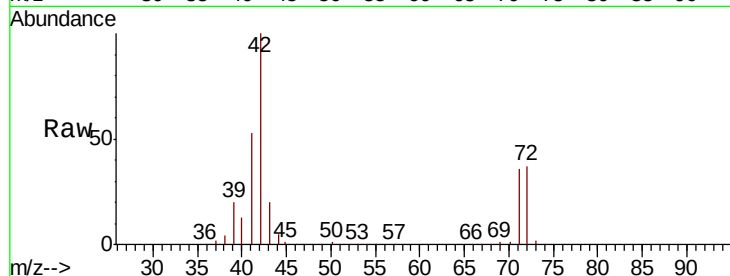




#29
Tetrahydrofuran
Concen: 109.554 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

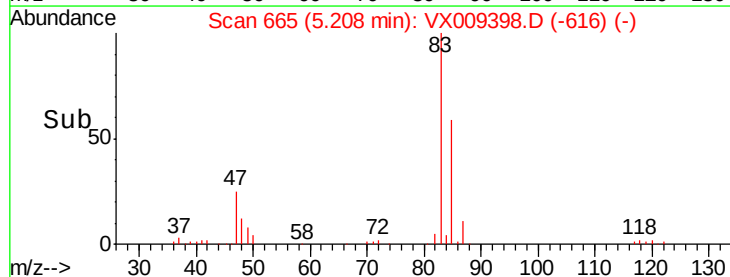
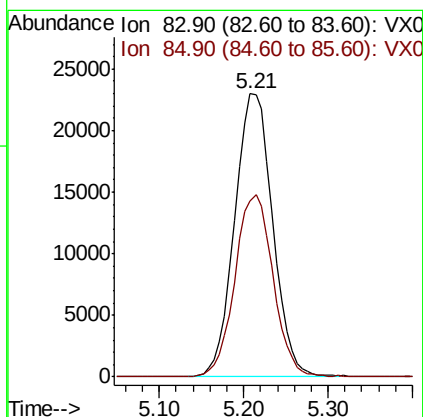
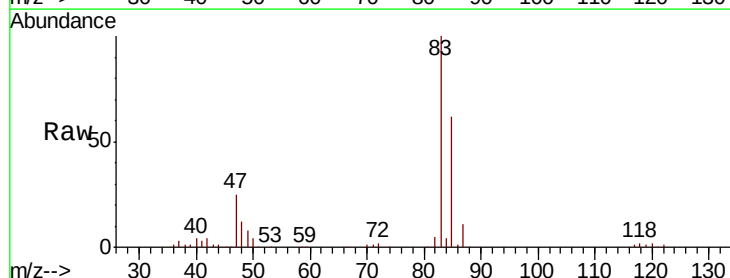
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

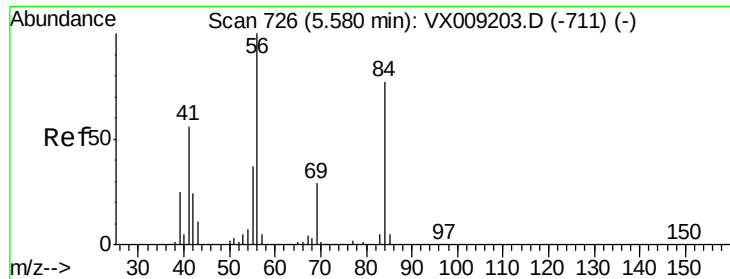
Tot Ion: 42 Resp: 136114
Ion Ratio Lower Upper
42 100
72 37.9 30.4 45.6
71 36.2 28.6 43.0



#30
Chloroform
Concen: 21.162 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Tgt Ion: 83 Resp: 70376
Ion Ratio Lower Upper
83 100
85 62.2 51.5 77.3





#31

Cyclohexane

Concen: 21.448 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

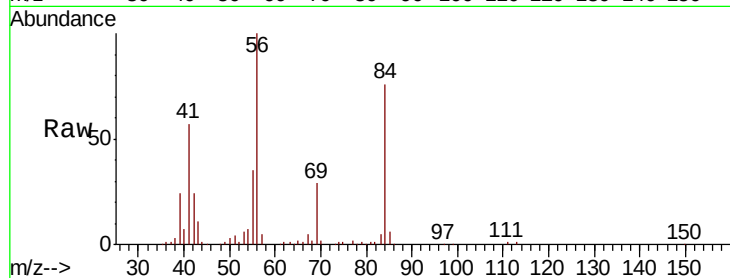
Tot Ion: 56 Resp: 73372

Ion Ratio Lower Upper

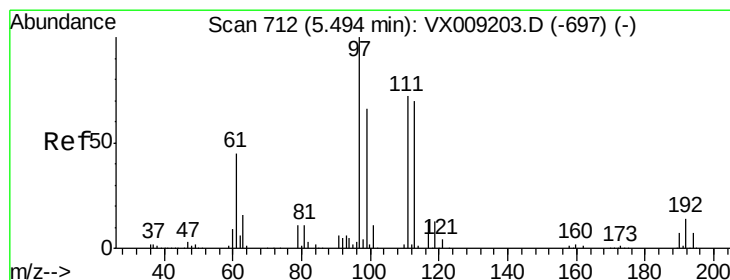
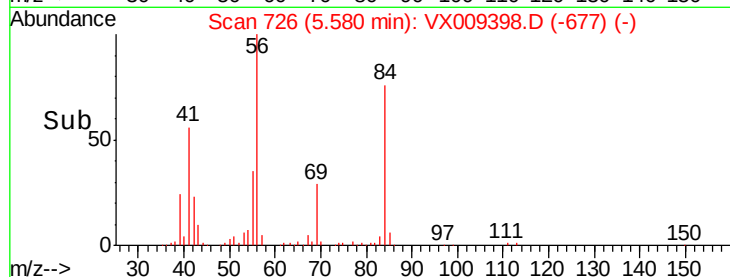
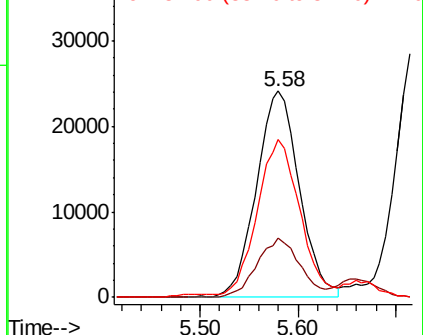
56 100

69 28.8 23.4 35.0

84 75.0 61.9 92.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.870 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

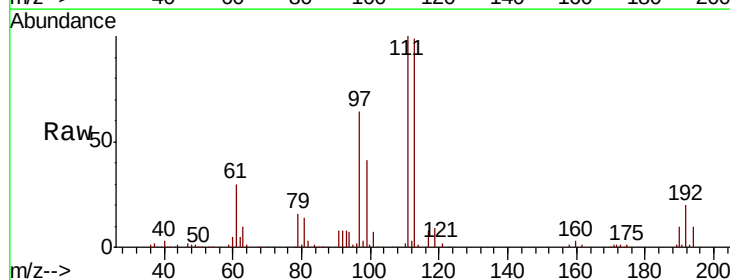
Tgt Ion: 97 Resp: 57776

Ion Ratio Lower Upper

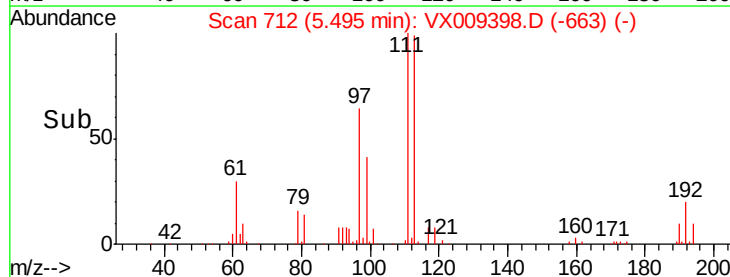
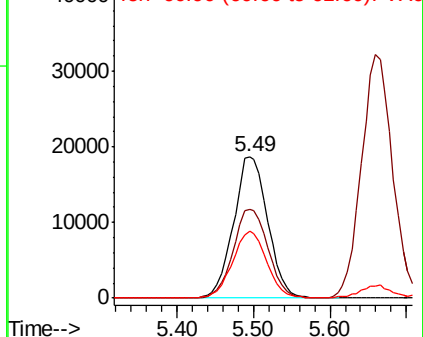
97 100

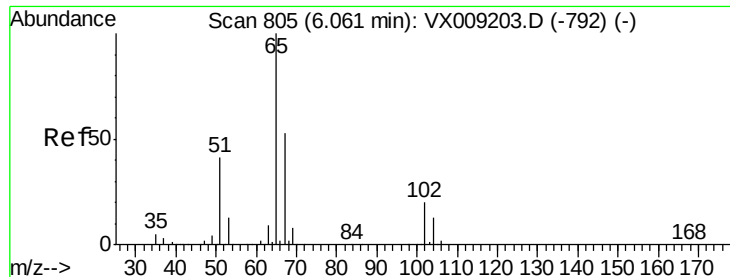
99 64.3 51.8 77.8

61 47.6 37.8 56.8



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

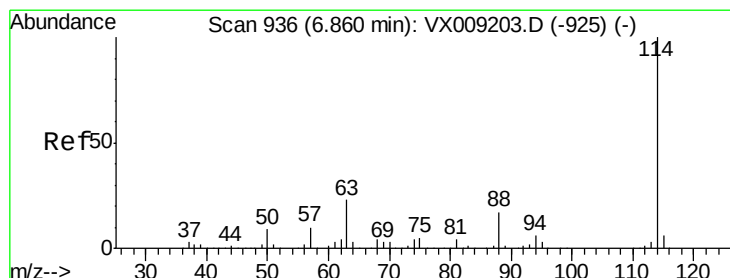
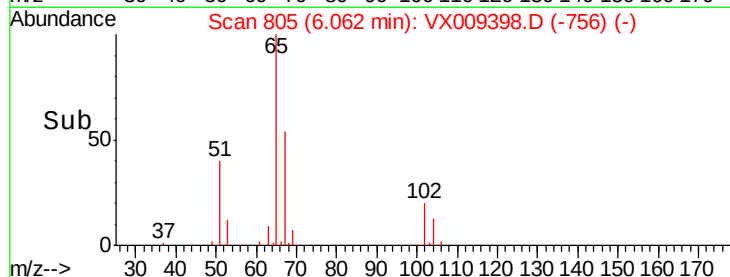
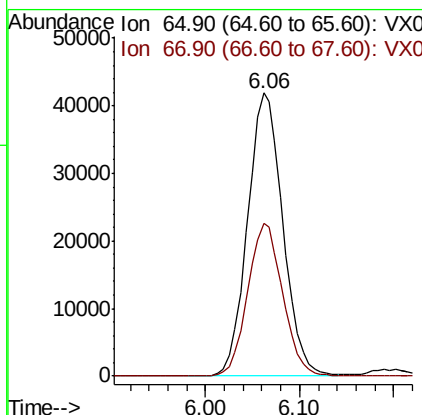
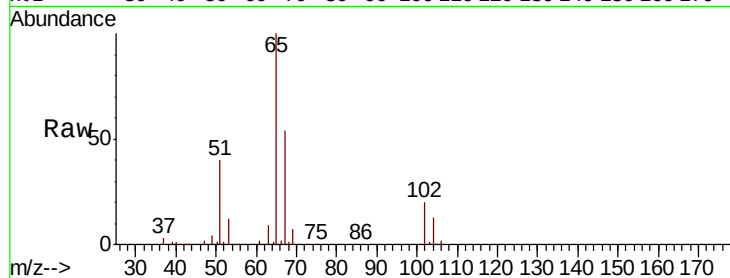




#33
 1,2-Dichloroethane-d4
 Concen: 47.529 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

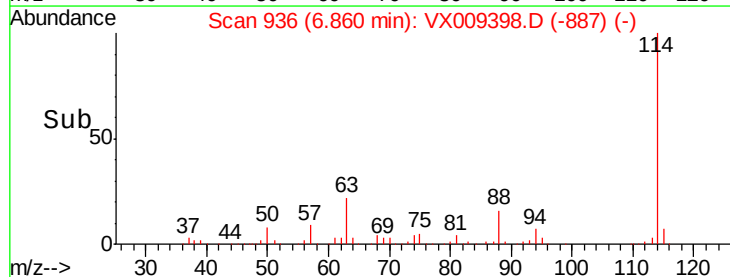
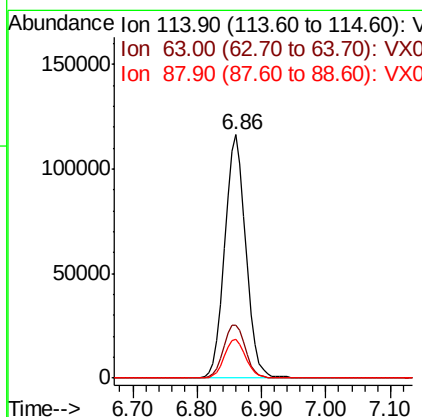
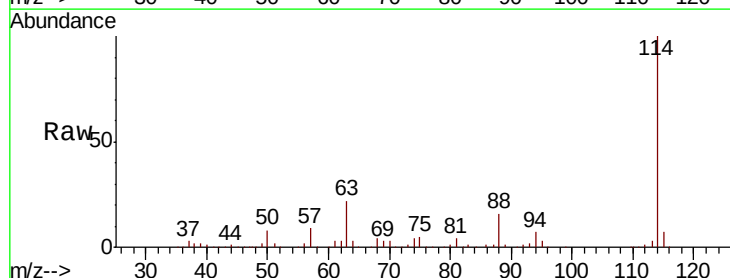
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

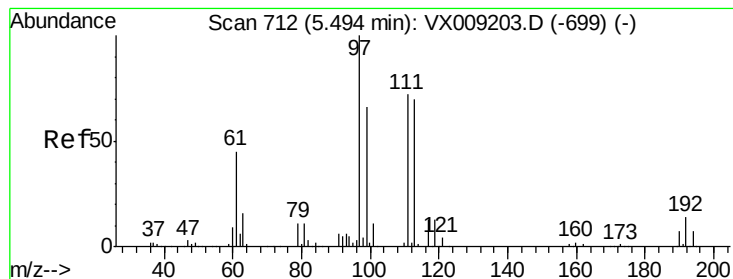
Tot Ion: 65 Resp: 109978
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

Tgt Ion: 114 Resp: 270798
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 45.6
 88 16.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.028 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

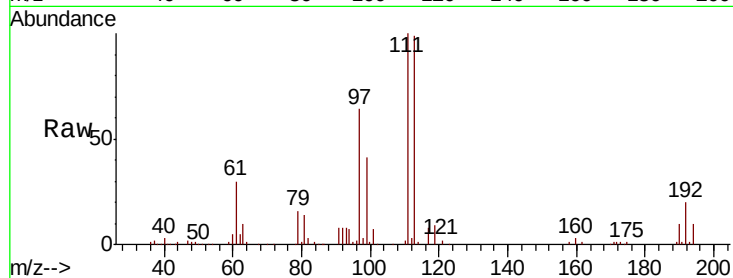
Tot Ion:113 Resp: 81760

Ion Ratio Lower Upper

113 100

111 103.9 82.8 124.2

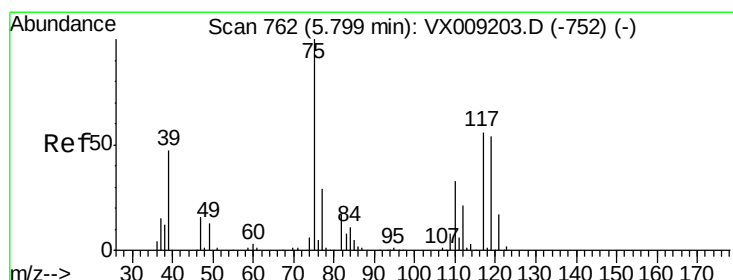
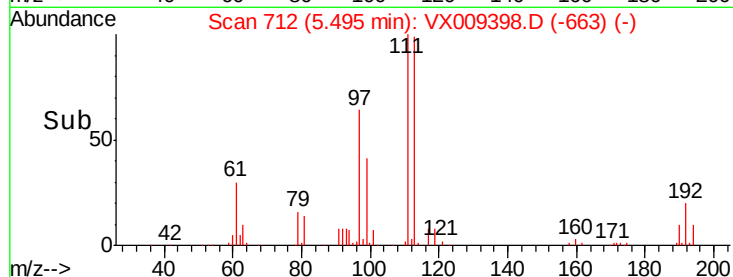
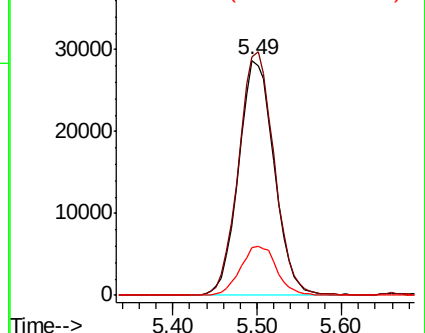
192 21.3 17.0 25.6



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: 20.873 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

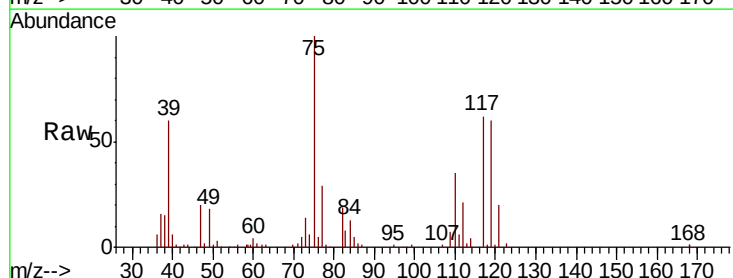
Tgt Ion: 75 Resp: 52529

Ion Ratio Lower Upper

75 100

110 34.5 16.9 50.6

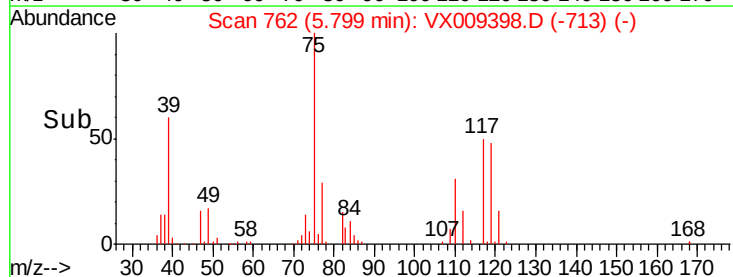
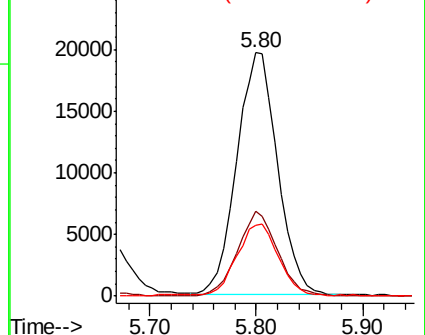
77 30.4 24.8 37.2

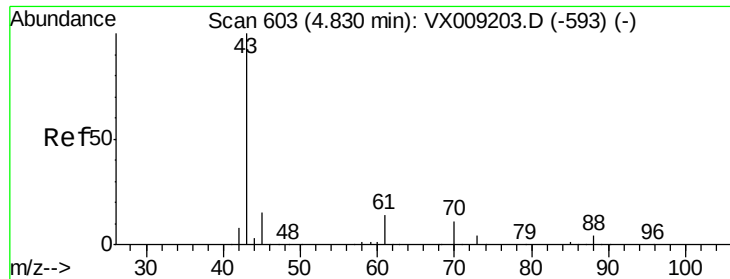


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

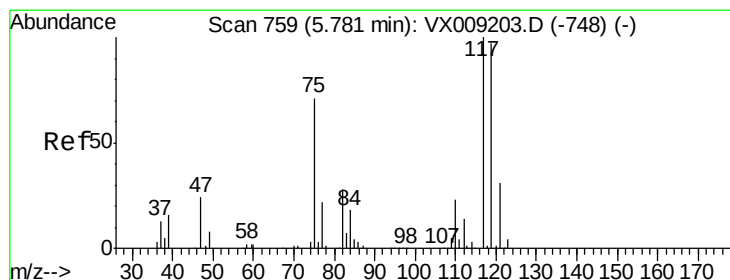
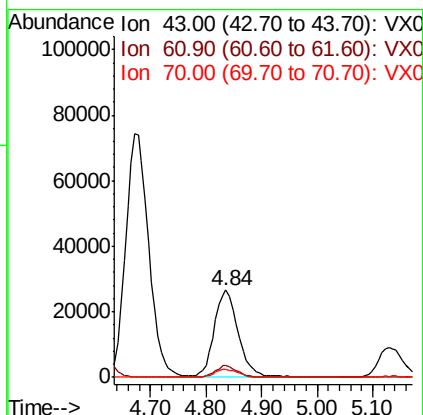
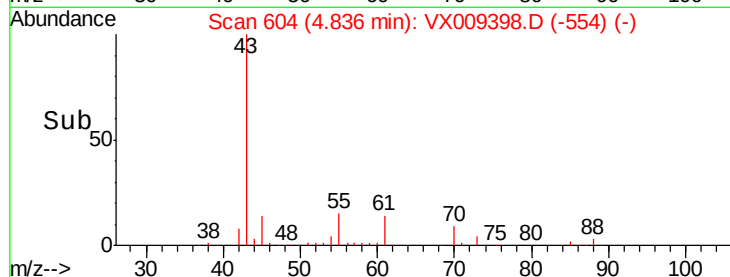
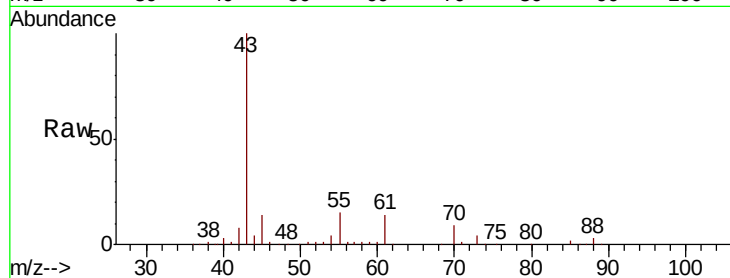




#37
Ethyl Acetate
Concen: 22.556 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

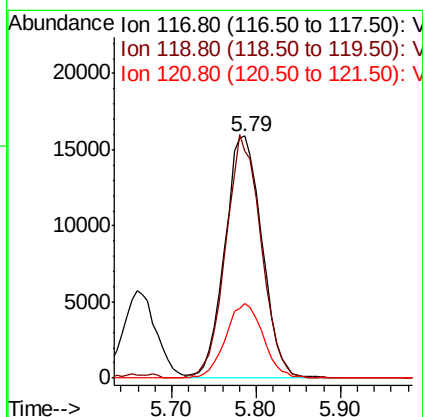
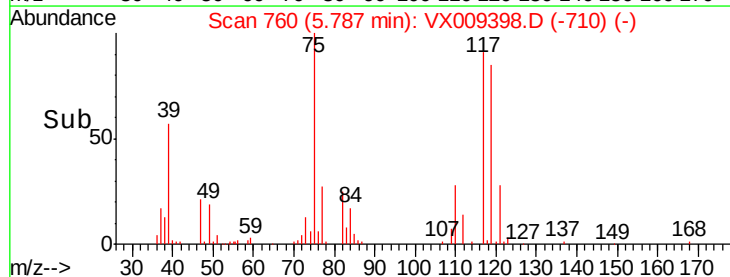
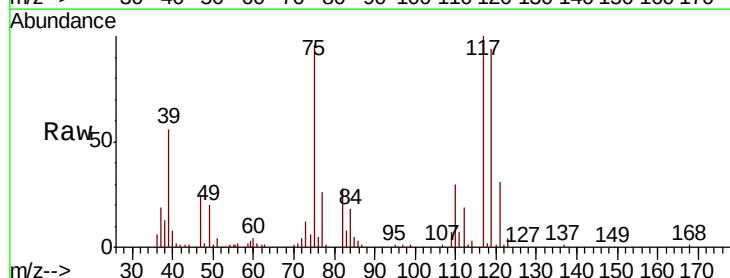
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

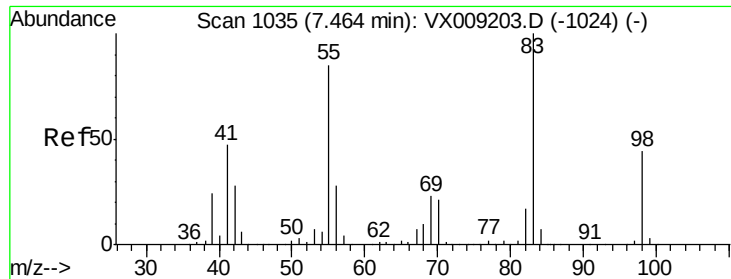
Tot Ion: 43 Resp: 79090
Ion Ratio Lower Upper
43 100
61 12.2 10.5 15.7
70 9.2 7.9 11.9



#38
Carbon Tetrachloride
Concen: 20.820 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Tgt Ion: 117 Resp: 47604
Ion Ratio Lower Upper
117 100
119 94.1 77.5 116.3
121 30.7 24.7 37.1

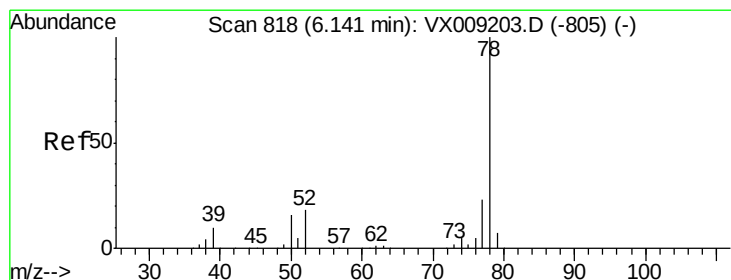
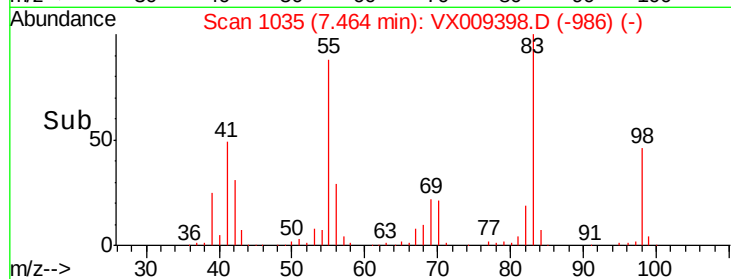
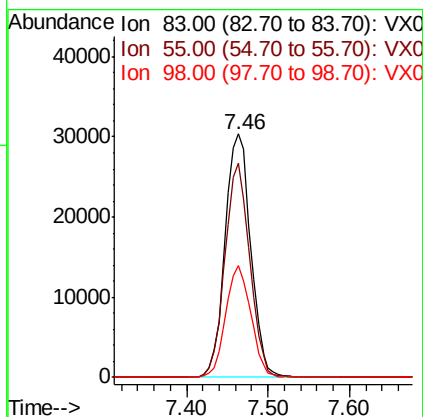
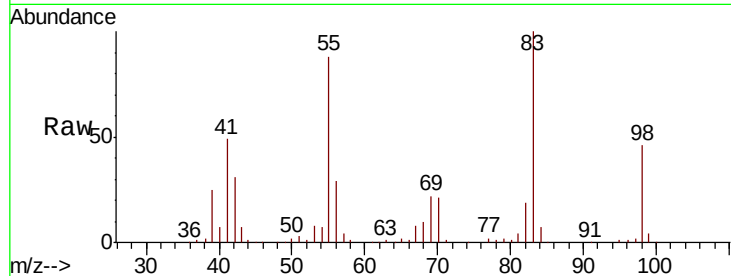




#39
Methylvlcyclohexane
Concen: 21.299 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

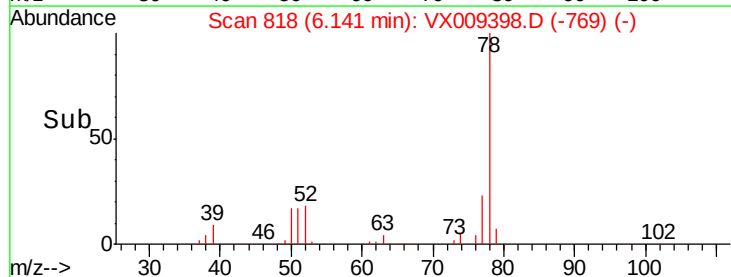
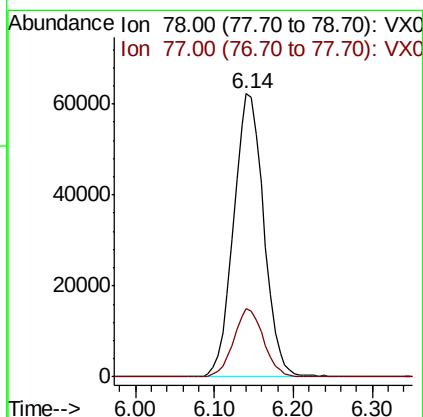
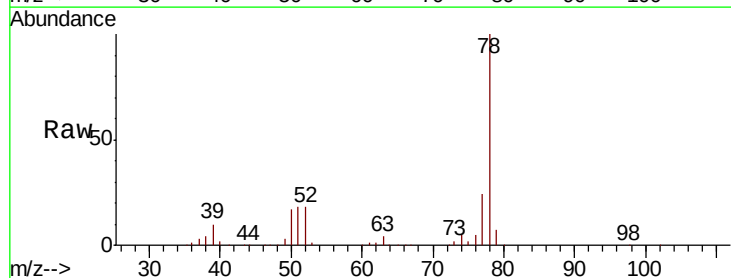
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

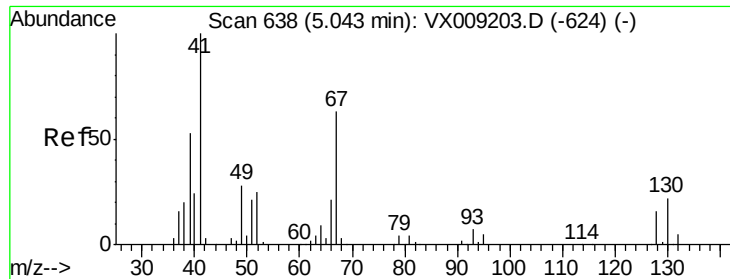
Tot Ion: 83 Resp: 65826
Ion Ratio Lower Upper
83 100
55 87.7 67.7 101.5
98 45.7 35.5 53.3



#40
Benzene
Concen: 21.301 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Tgt Ion: 78 Resp: 165901
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2





#41

Methacrylonitrile

Concen: 20.547 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampled :

VX0508WBSD01

Tot Ion: 41 Resp: 42885

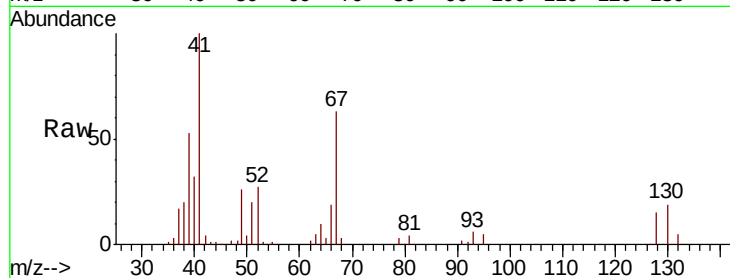
Ion Ratio Lower Upper

41 100

39 53.5 42.0 63.0

67 62.5 49.8 74.8

52 27.3 20.3 30.5

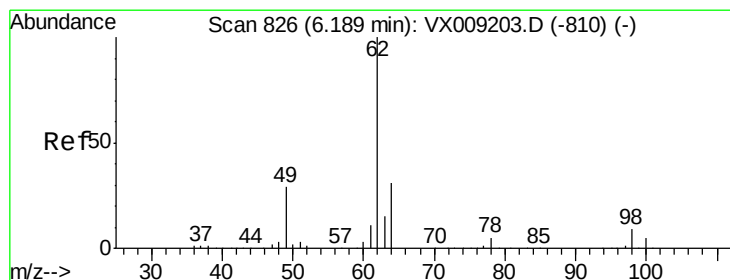
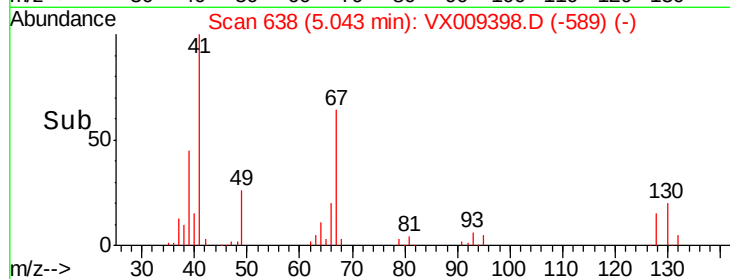
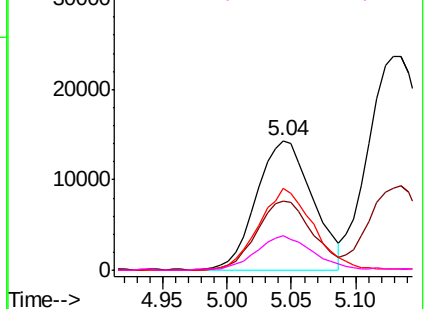


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 21.279 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX009398.D

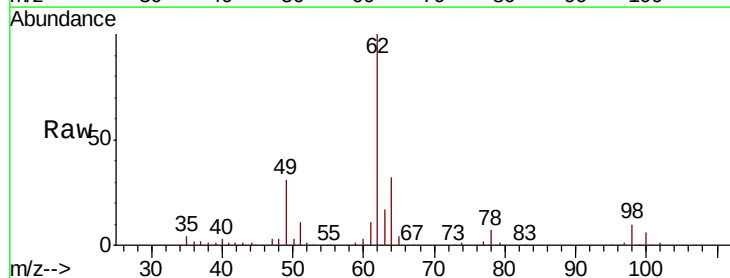
Acq: 08 May 2019 15:10

Tgt Ion: 62 Resp: 59450

Ion Ratio Lower Upper

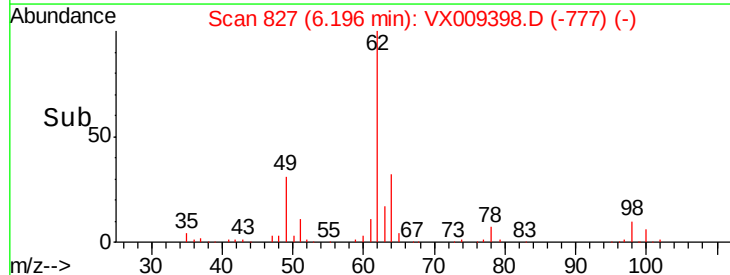
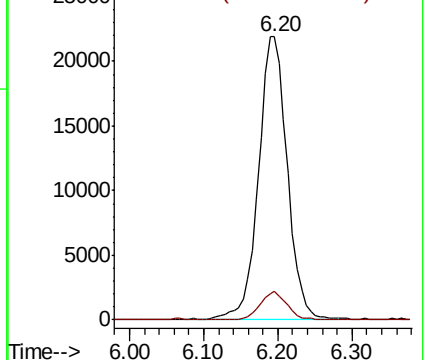
62 100

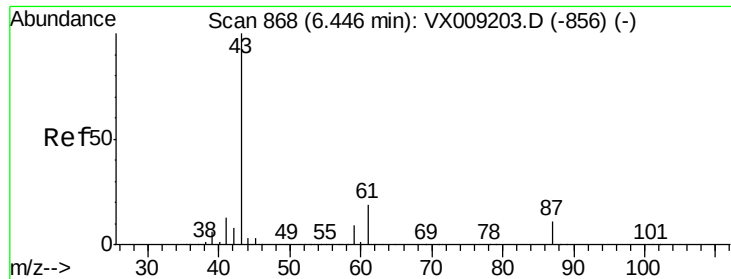
98 9.4 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 21.502 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

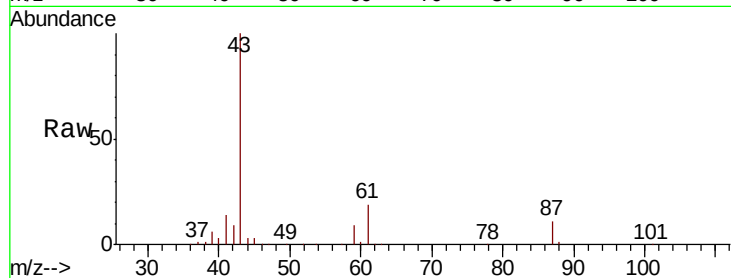
Tot Ion: 43 Resp: 120594

Ion Ratio Lower Upper

43 100

61 18.7 15.1 22.7

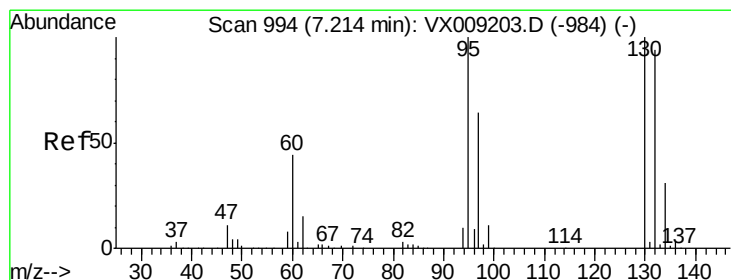
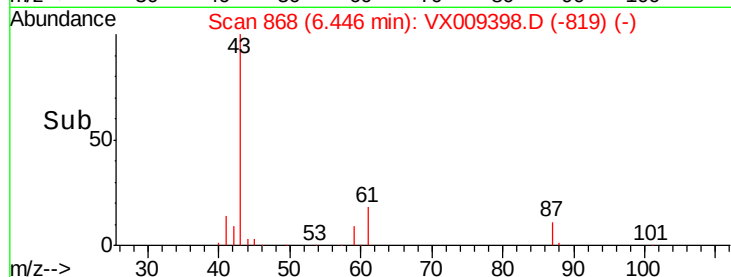
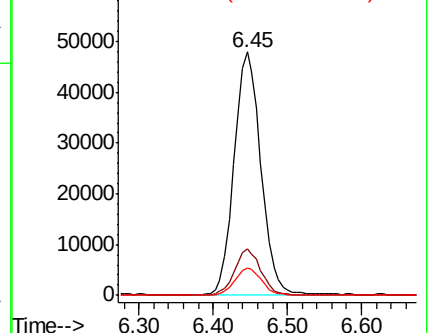
87 11.3 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.976 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009398.D

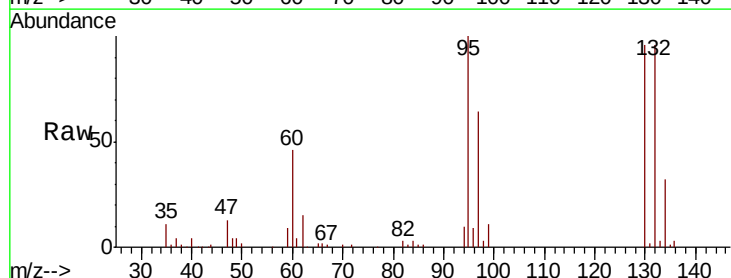
Acq: 08 May 2019 15:10

Tgt Ion:130 Resp: 39494

Ion Ratio Lower Upper

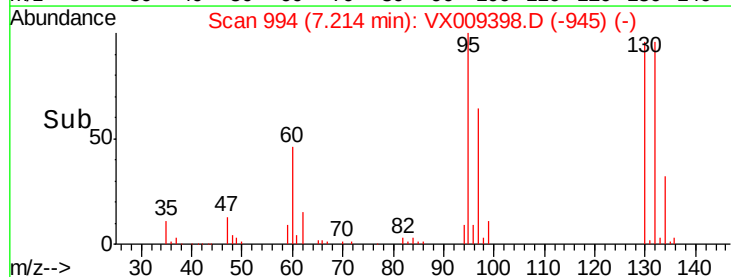
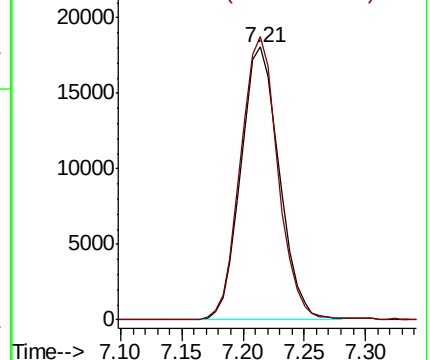
130 100

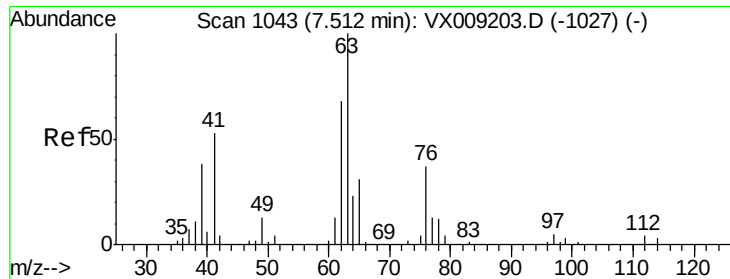
95 103.8 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 21.014 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

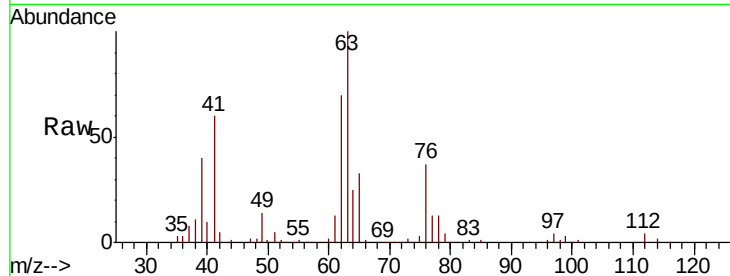
VX0508WBSD01

Tot Ion: 63 Resp: 46343

Ion Ratio Lower Upper

63 100

65 33.1 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

25000

20000

15000

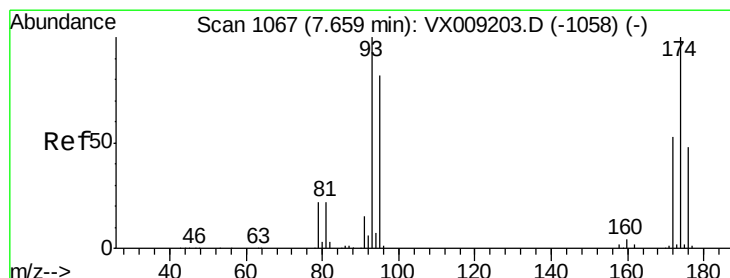
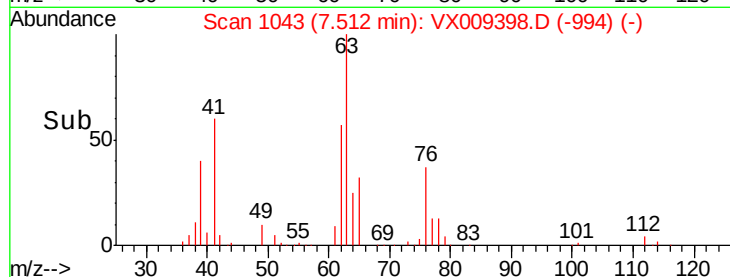
10000

5000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 20.614 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

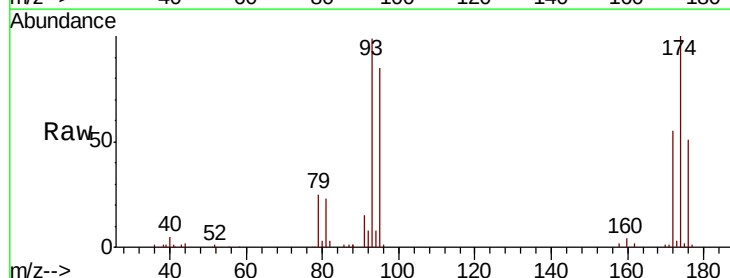
Tgt Ion: 93 Resp: 26400

Ion Ratio Lower Upper

93 100

95 84.8 66.5 99.7

174 107.3 82.1 123.1



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

20000

15000

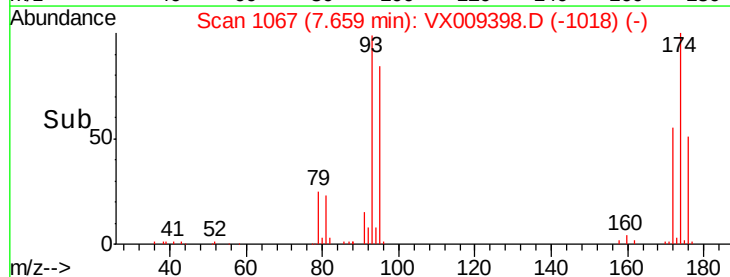
10000

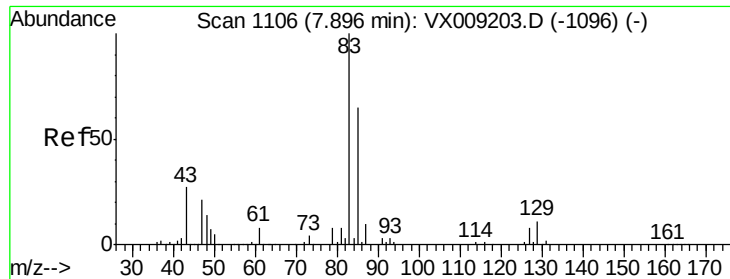
5000

0

Time-->

7.55 7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 20.762 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

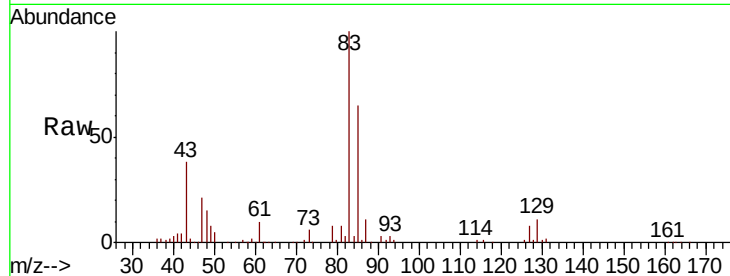
Tot Ion: 83 Resp: 53037

Ion Ratio Lower Upper

83 100

85 64.8 52.4 78.6

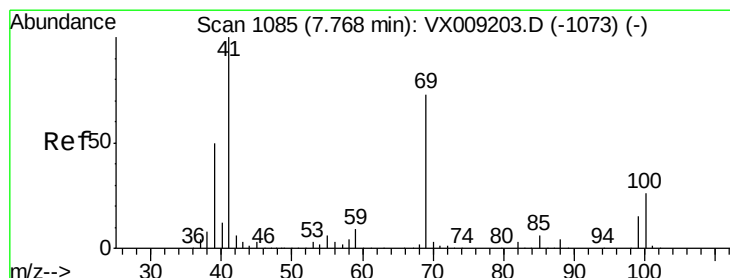
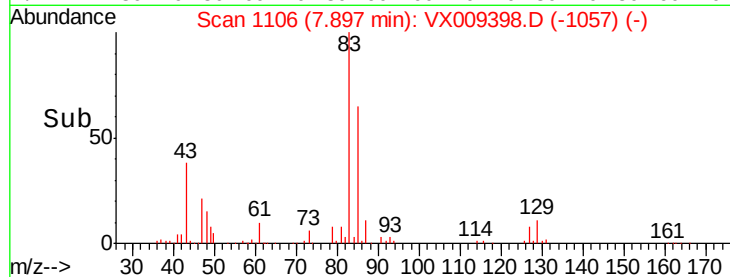
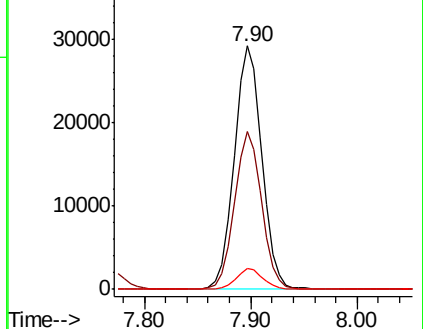
127 8.4 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.451 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

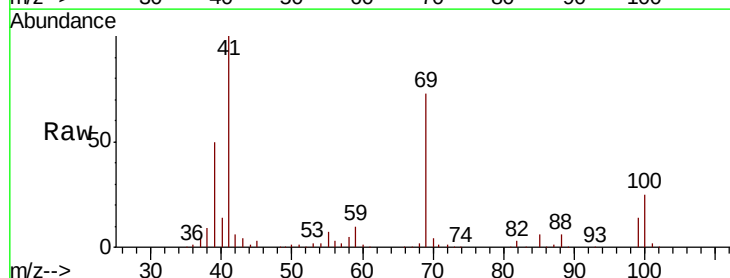
Tgt Ion: 41 Resp: 59688

Ion Ratio Lower Upper

41 100

69 72.7 59.1 88.7

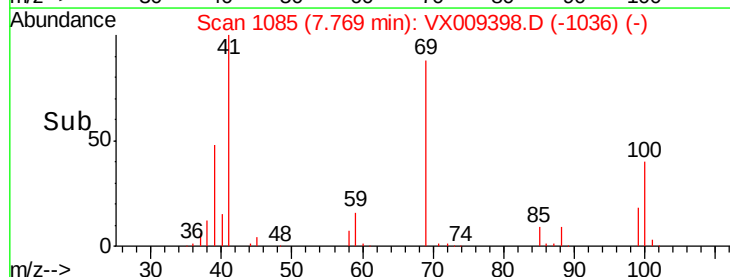
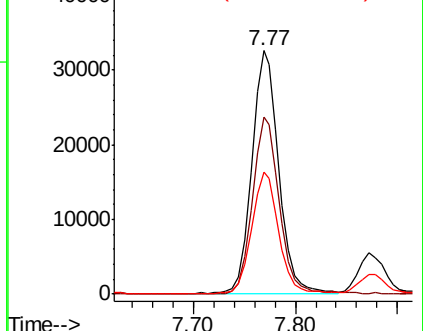
39 50.4 40.4 60.6

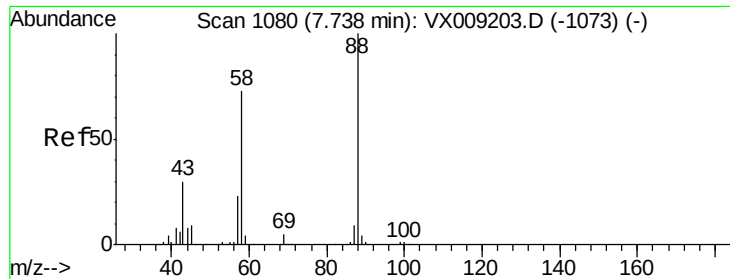


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

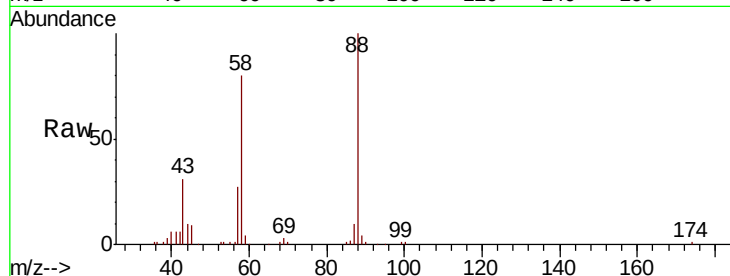




#49
1,4-Dioxane
Concen: 433.391 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

Tot Ion	88	Resp	24456
Ion	Ratio	Lower	Upper
88	100		
43	38.2	28.6	42.8
58	78.0	61.7	92.5

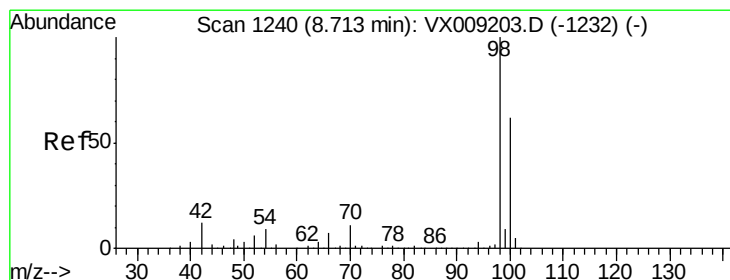
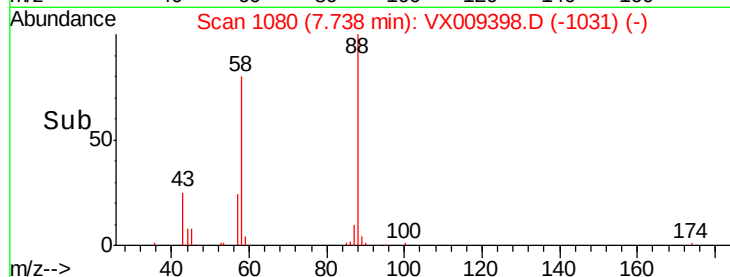
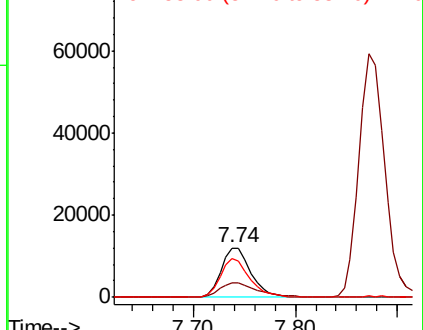


Abundance

Ion 88.00 (87.70 to 88.70): VX0

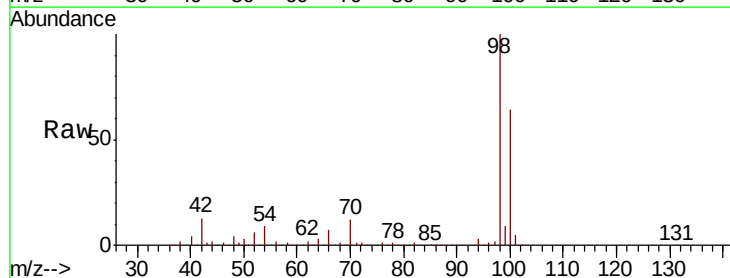
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 47.584 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

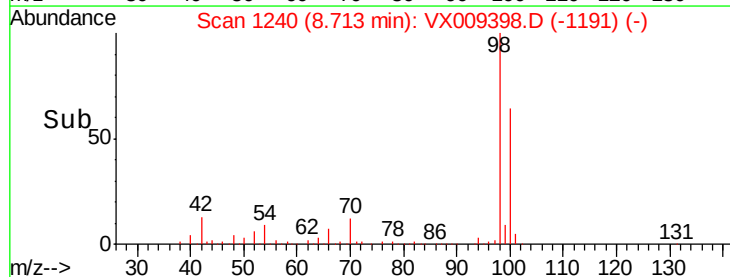
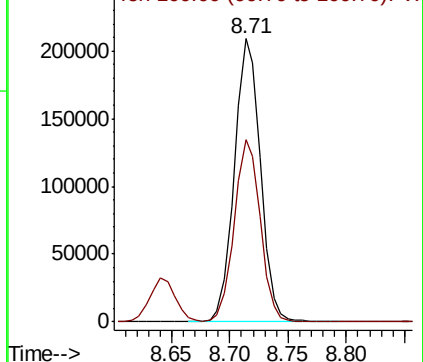
Tgt Ion	98	Resp	327033
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.2	76.8

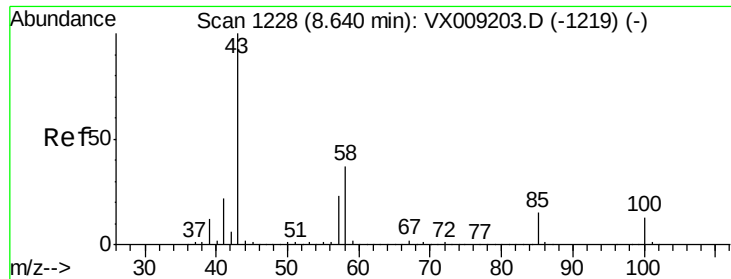


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 108.515 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

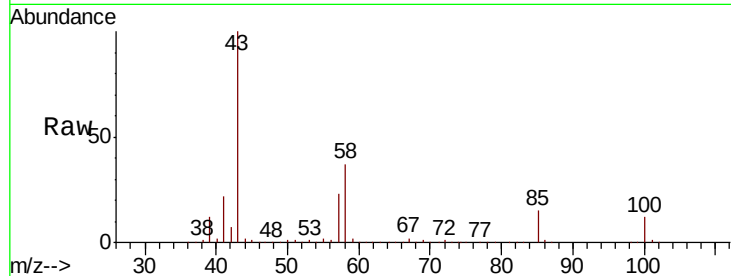
VX0508WBSD01

Tot Ion: 43 Resp: 397801

Ion Ratio Lower Upper

43 100

58 36.7 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

250000

200000

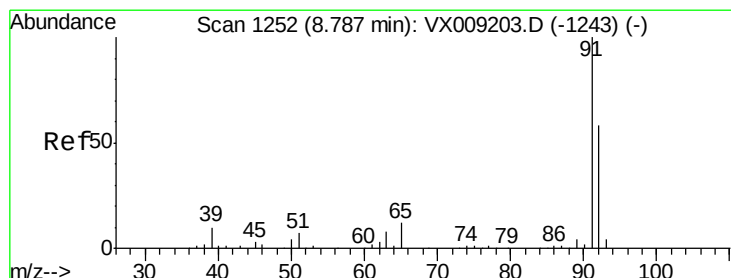
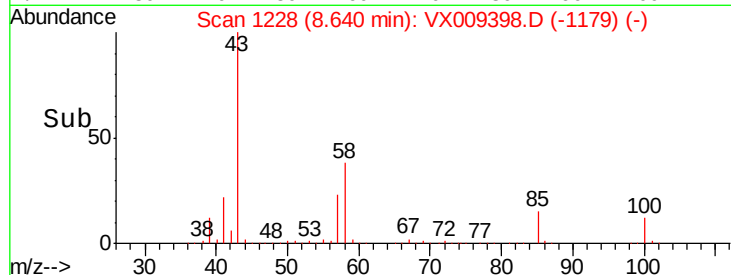
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 21.396 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX009398.D

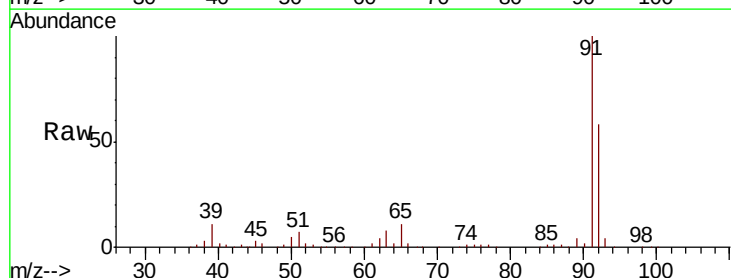
Acq: 08 May 2019 15:10

Tgt Ion: 92 Resp: 101295

Ion Ratio Lower Upper

92 100

91 172.3 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

120000

100000

80000

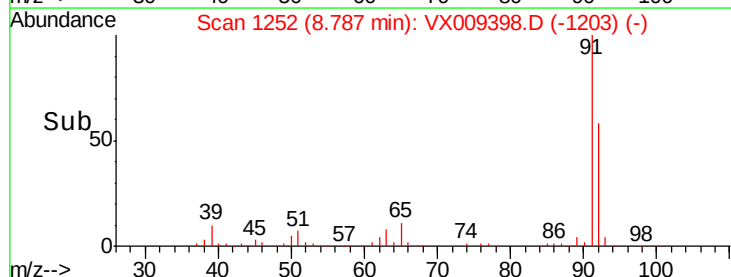
60000

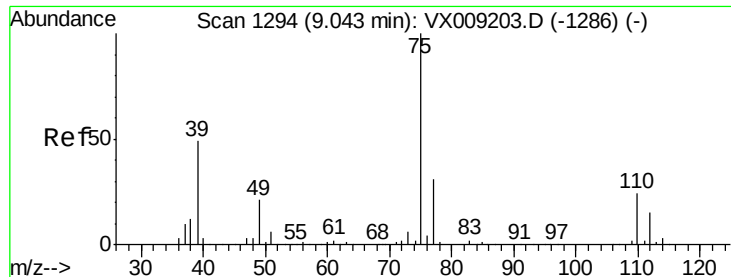
40000

20000

0

Time-->

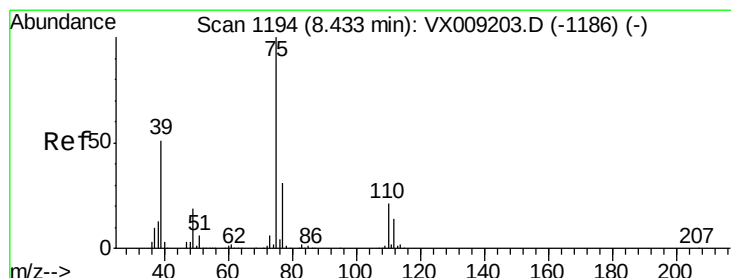
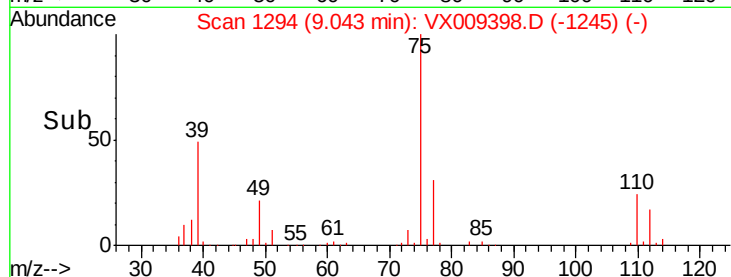
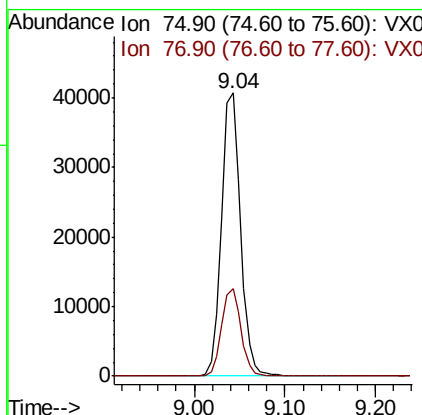
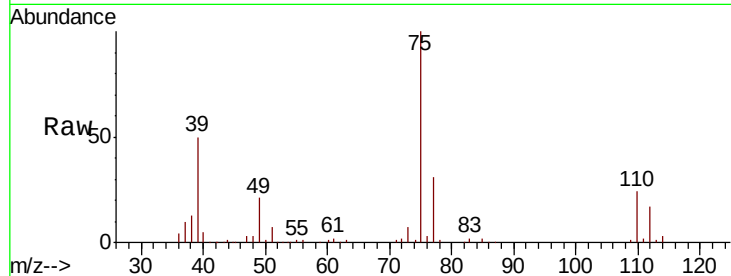




#53
t-1,3-Dichloropropene
Concen: 20.816 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

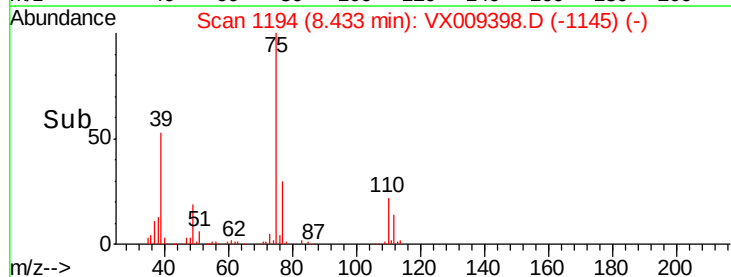
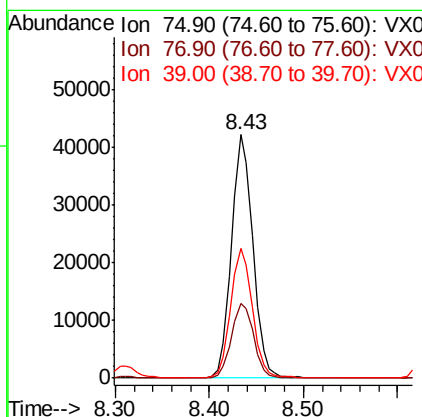
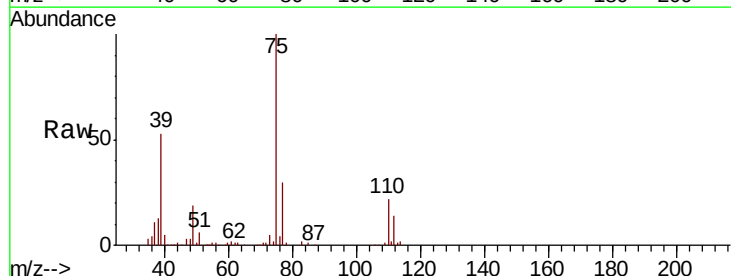
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

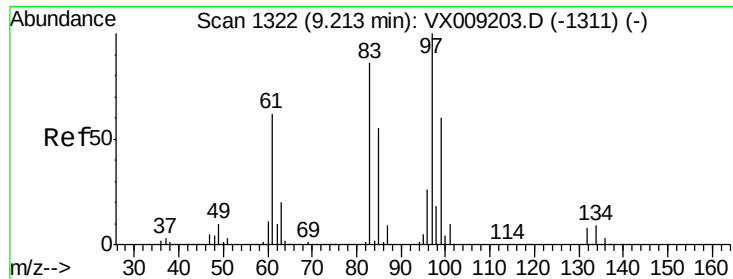
Tot Ion: 75 Resp: 60035
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 20.929 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Tgt Ion: 75 Resp: 66813
Ion Ratio Lower Upper
75 100
77 30.4 24.6 36.8
39 52.9 40.6 60.8

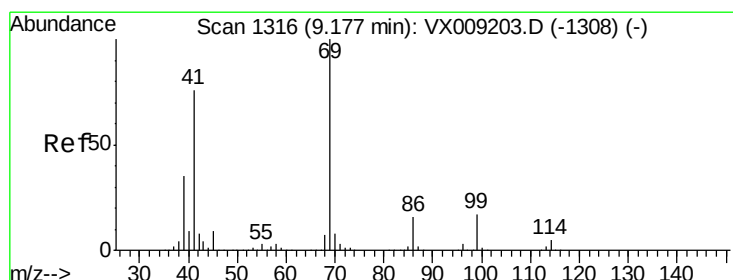
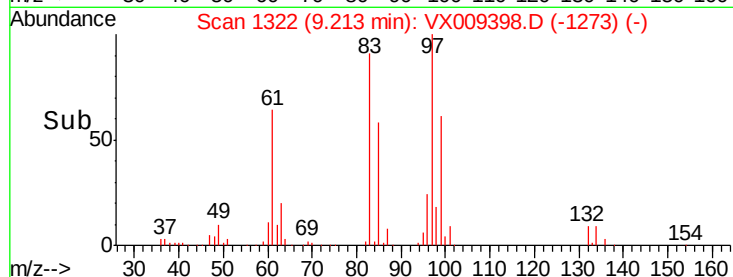
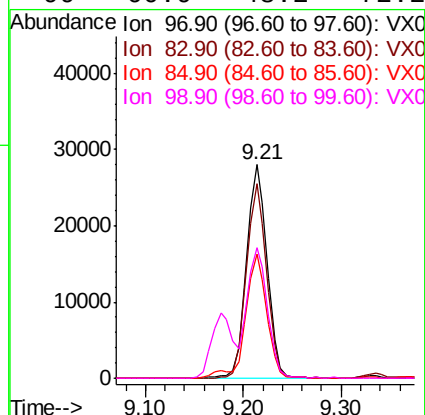
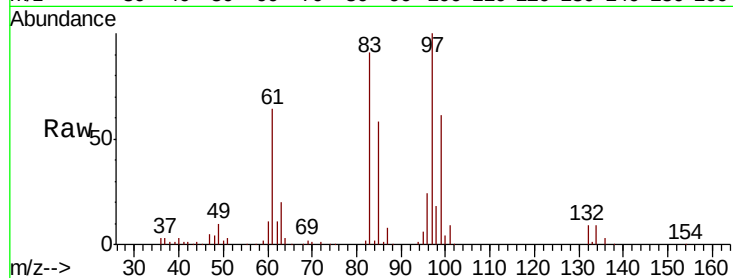




#55
 1,1,2-Trichloroethane
 Concen: 21.222 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

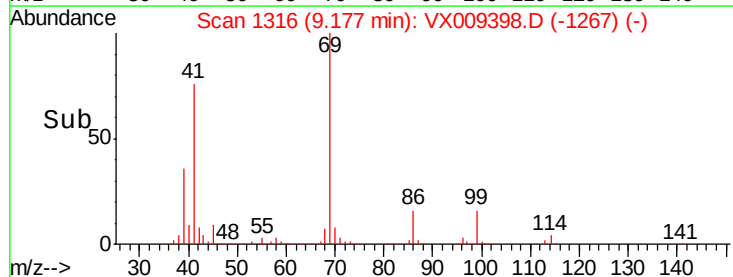
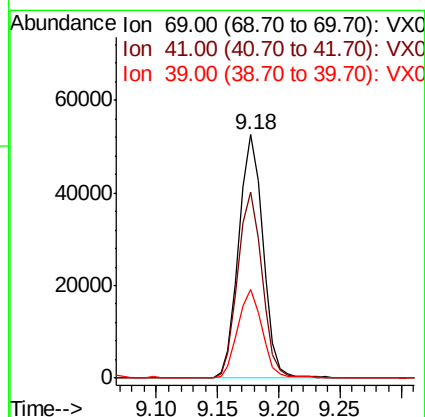
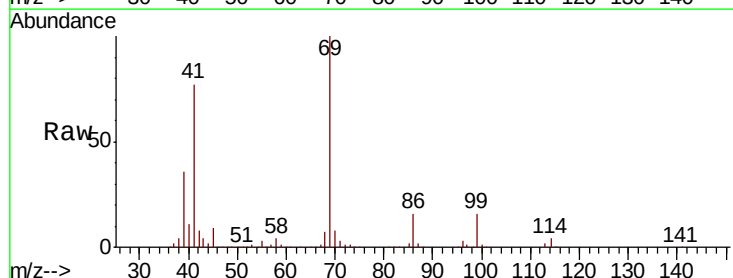
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

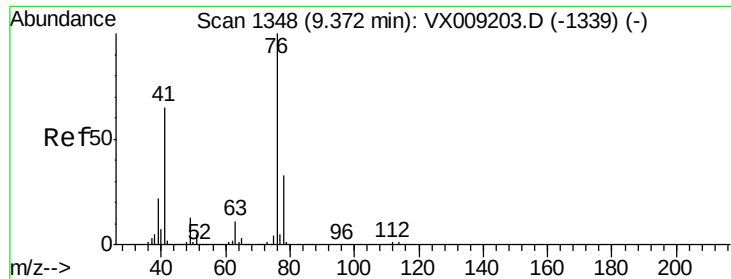
Tot Ion:	97	Resp:	40990
Ion	Ratio	Lower	Upper
97	100		
83	91.0	68.9	103.3
85	58.1	43.8	65.6
99	60.9	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 20.990 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

Tgt Ion:	69	Resp:	72368
Ion	Ratio	Lower	Upper
69	100		
41	76.7	60.6	90.8
39	36.8	28.2	42.4

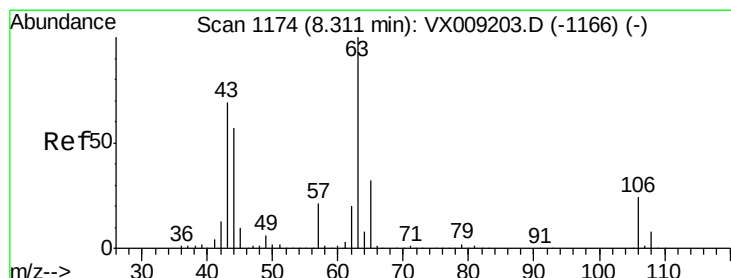
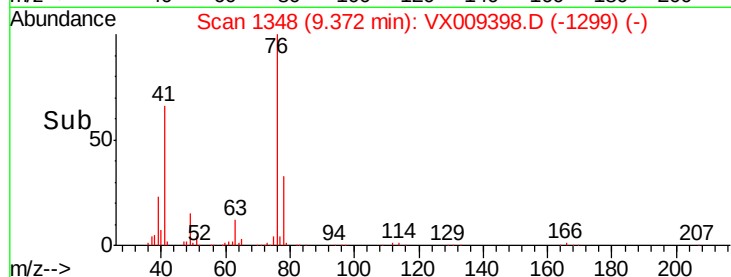
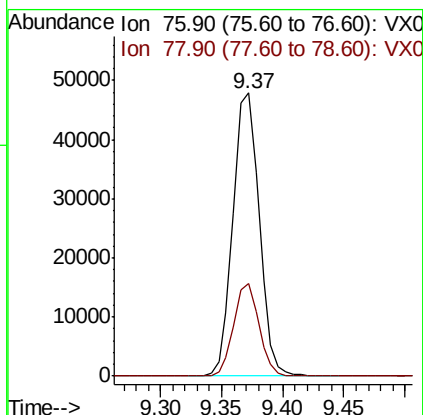
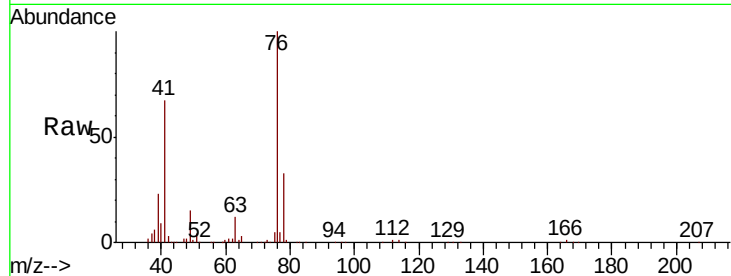




#57
 1,3-Dichloropropane
 Concen: 20.930 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

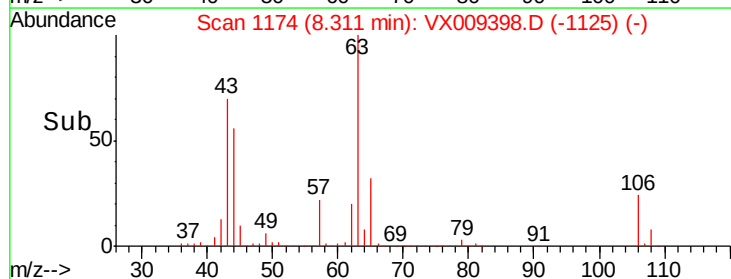
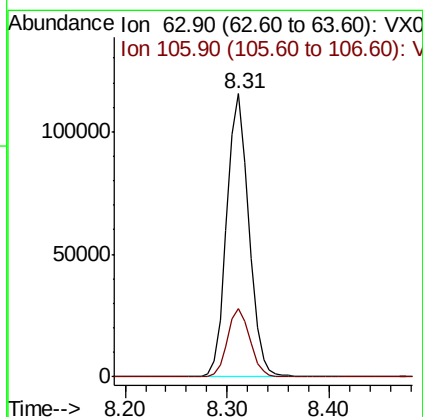
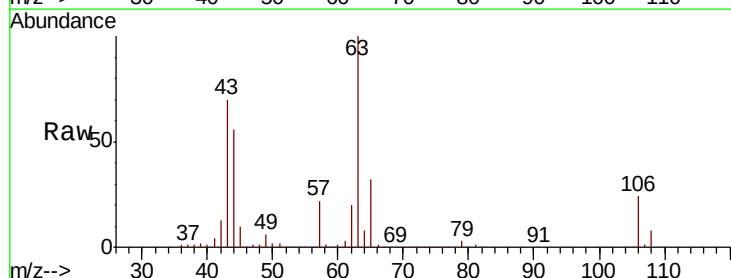
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

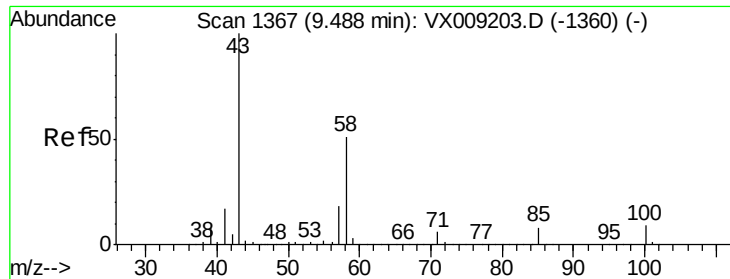
Tot Ion: 76 Resp: 71138
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.023 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

Tgt Ion: 63 Resp: 173800
 Ion Ratio Lower Upper
 63 100
 106 24.6 19.7 29.5

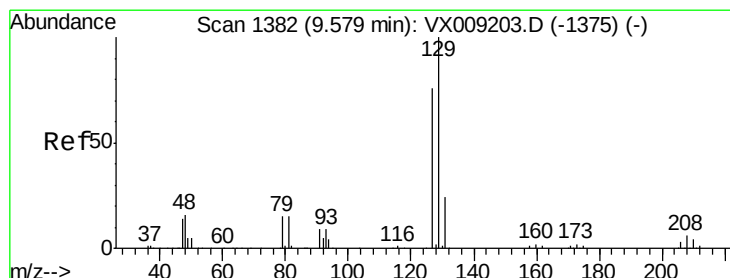
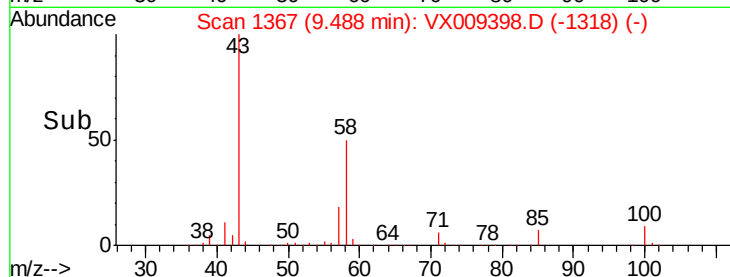
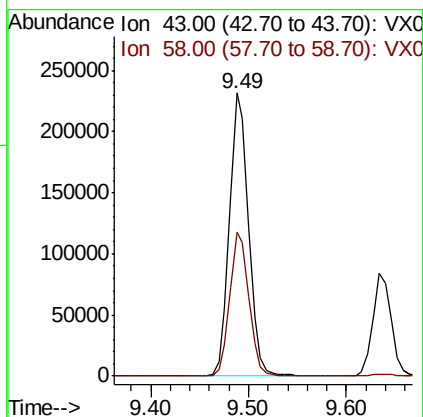
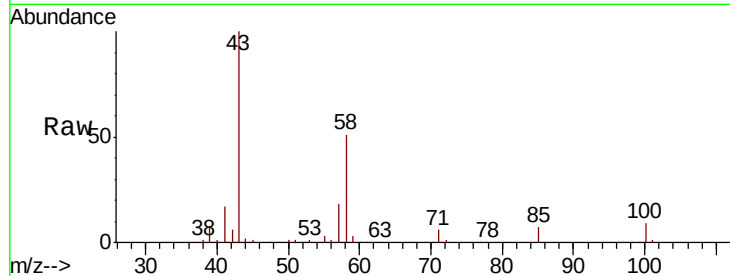




#59
2-Hexanone
Concen: 108.815 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

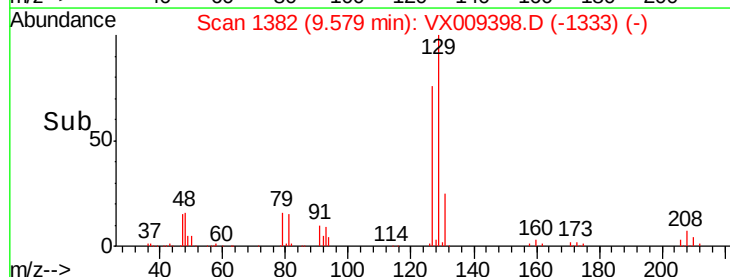
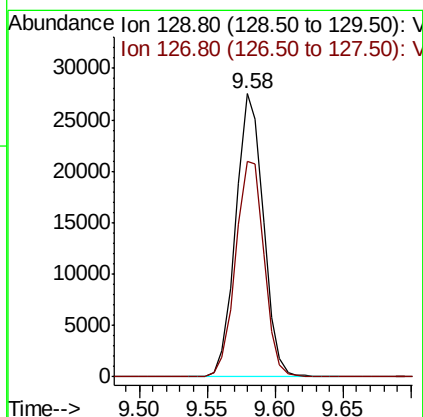
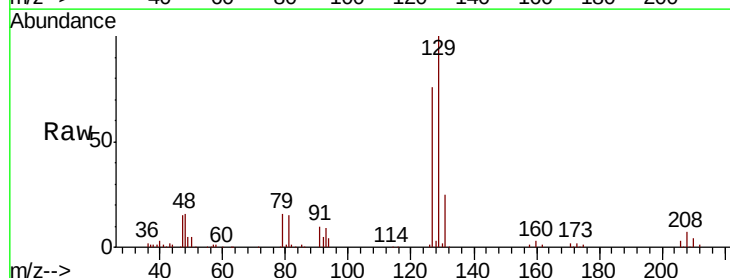
Instrument :
MSVOA_X
ClientSampled :
VX0508WBSD01

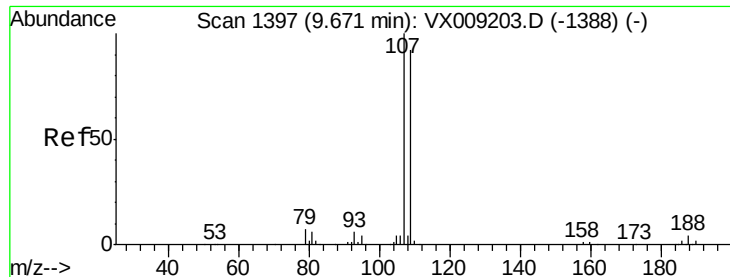
Tot Ion: 43 Resp: 313291
Ion Ratio Lower Upper
43 100
58 51.2 25.9 77.7



#60
Dibromochloromethane
Concen: 20.685 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Tgt Ion:129 Resp: 39021
Ion Ratio Lower Upper
129 100
127 78.1 38.4 115.1

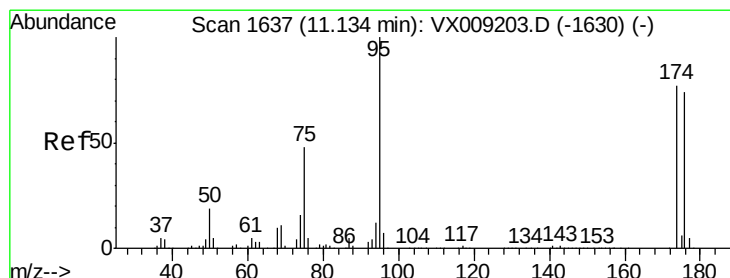
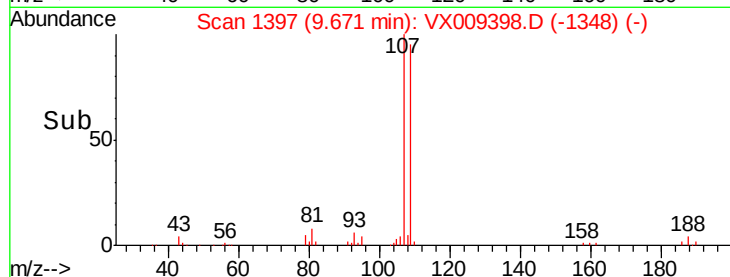
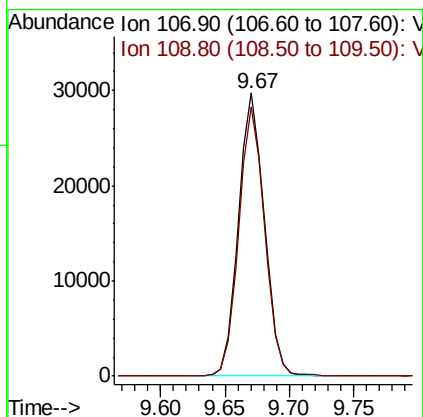
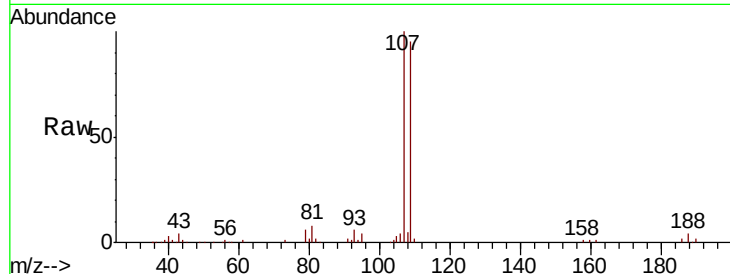




#61
 1,2-Dibromoethane
 Concen: 21.281 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

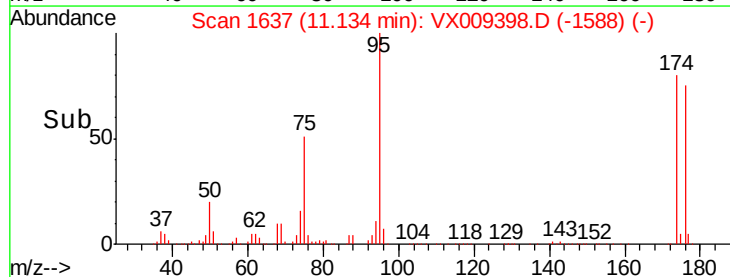
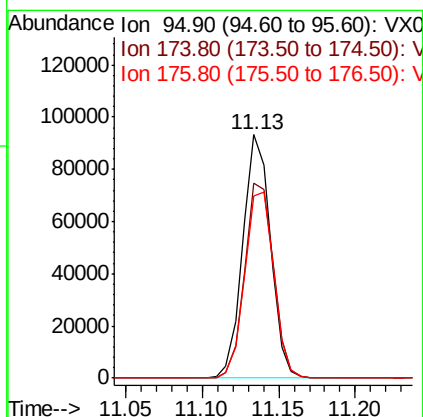
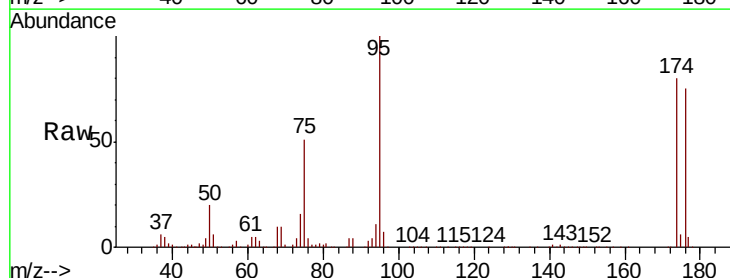
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

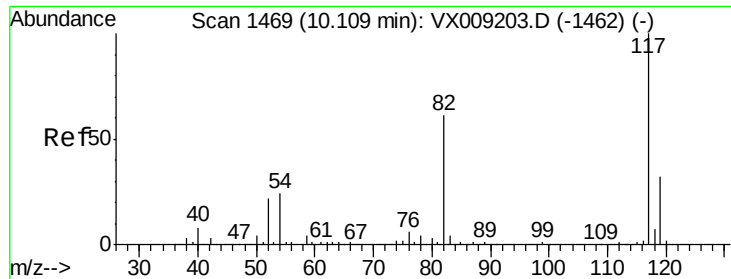
Tot Ion:107 Resp: 41491
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 46.984 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

Tgt Ion: 95 Resp: 117334
 Ion Ratio Lower Upper
 95 100
 174 83.1 0.0 161.6
 176 80.5 0.0 159.2

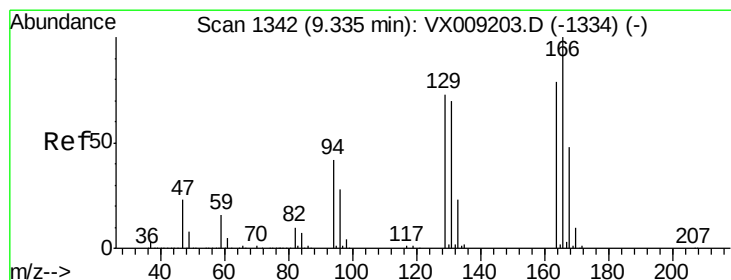
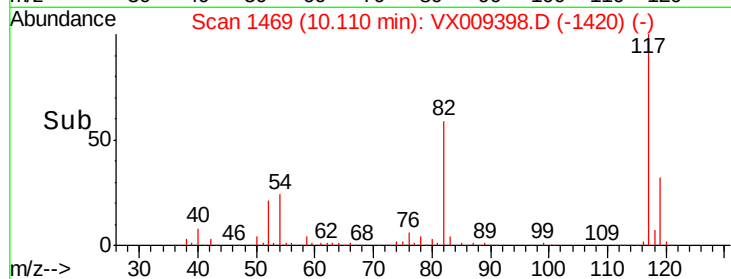
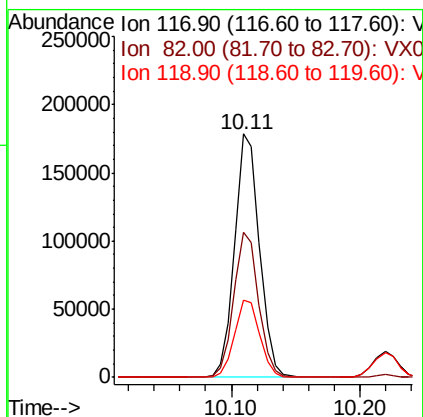
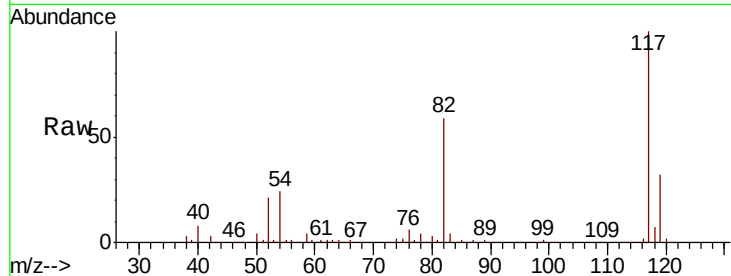




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

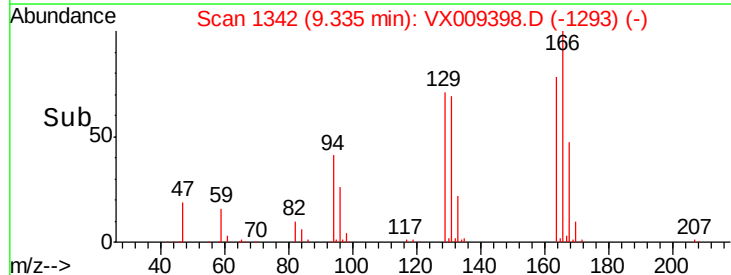
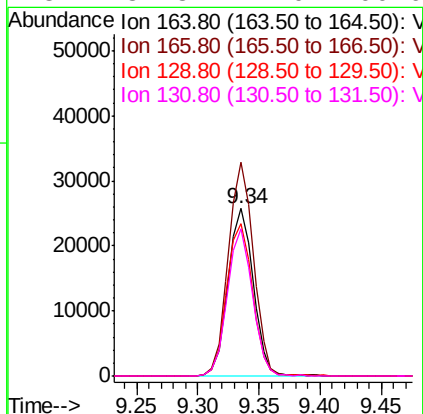
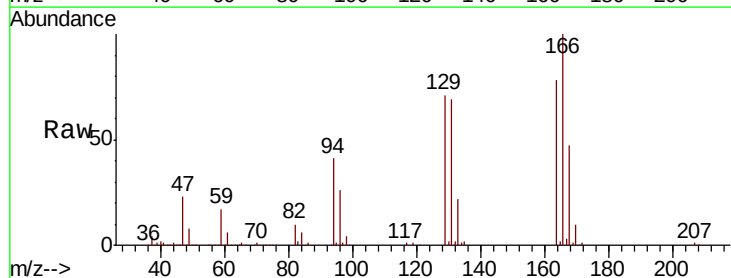
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

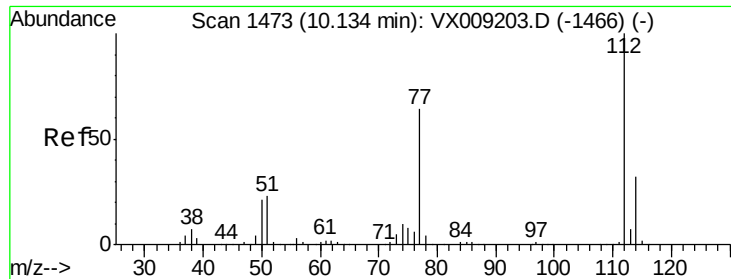
Tot Ion:117 Resp: 240418
Ion Ratio Lower Upper
117 100
82 59.4 48.8 73.2
119 32.0 25.8 38.6



#64
Tetrachloroethene
Concen: 22.254 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Tgt Ion:164 Resp: 36701
Ion Ratio Lower Upper
164 100
166 127.6 101.2 151.8
129 91.1 74.3 111.5
131 87.8 71.0 106.6

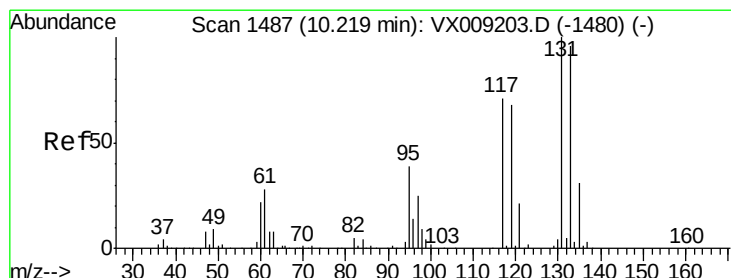
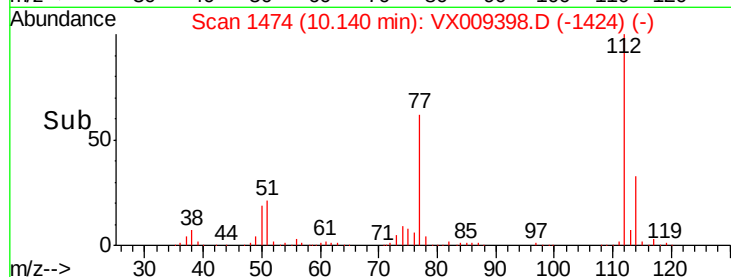
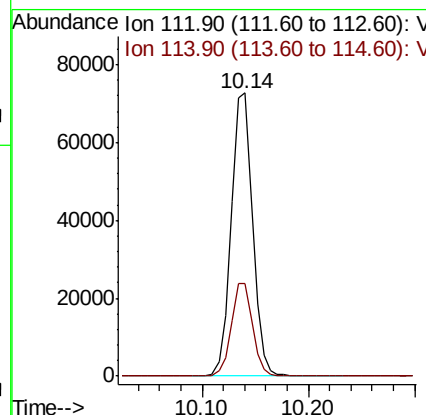
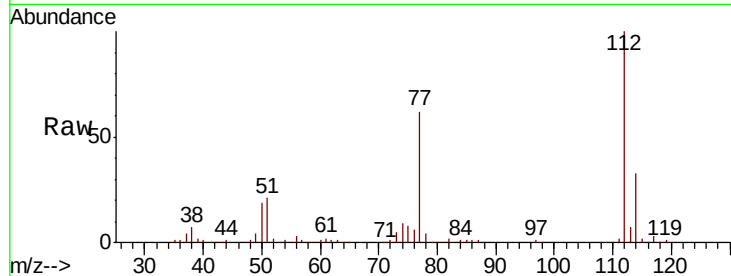




#65
Chlorobenzene
Concen: 21.381 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

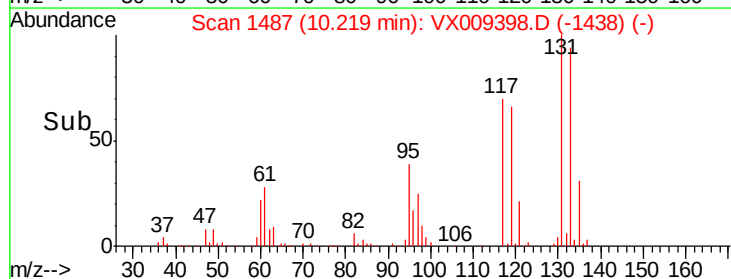
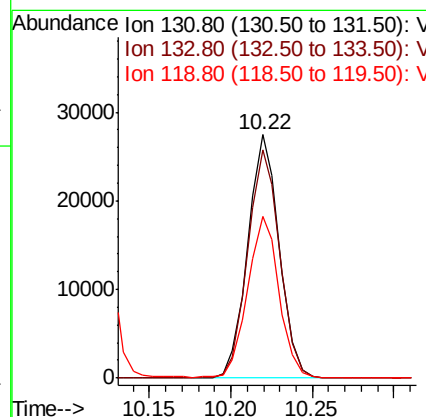
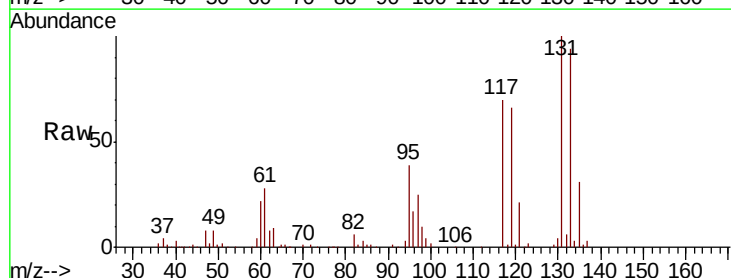
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

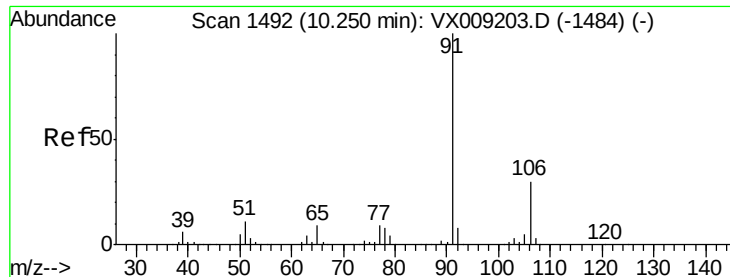
Tot Ion:112 Resp: 102833
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.133 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Tgt Ion:131 Resp: 36848
Ion Ratio Lower Upper
131 100
133 95.5 47.7 143.1
119 66.6 33.5 100.4

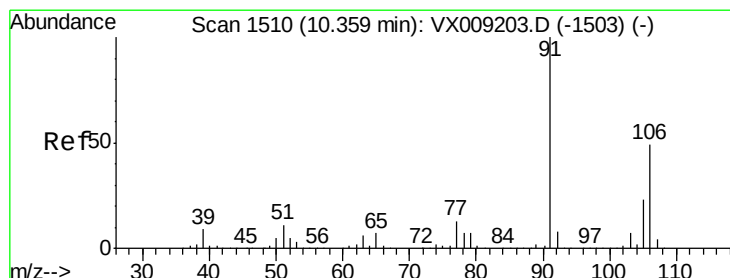
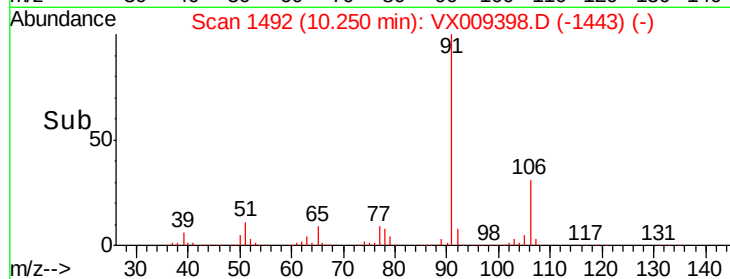
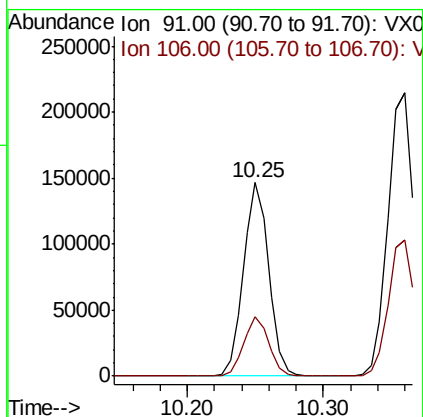
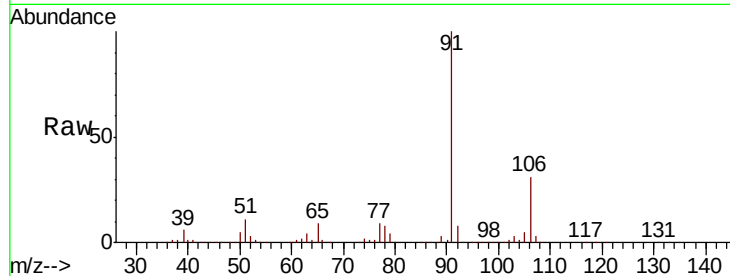




#67
Ethyl Benzene
Concen: 21.504 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

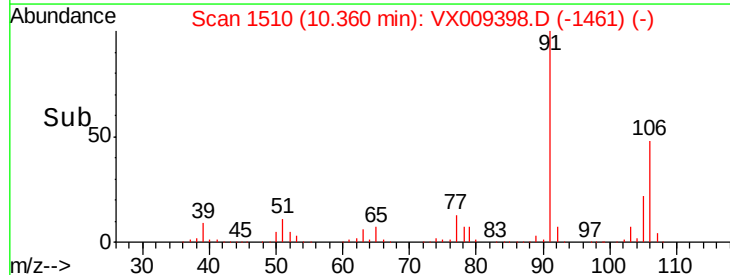
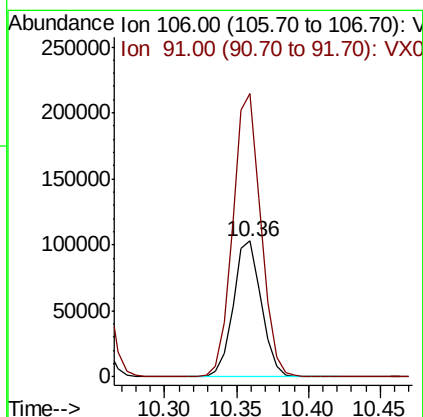
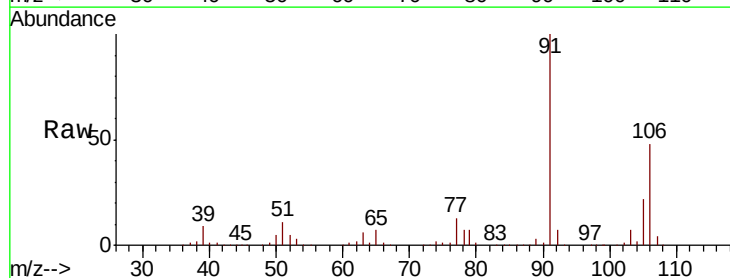
Instrument :
MSVOA_X
ClientSampled :
VX0508WBSD01

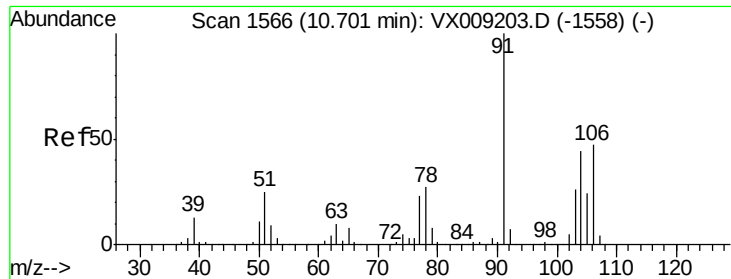
Tot Ion: 91 Resp: 190334
Ion Ratio Lower Upper
91 100
106 31.0 24.0 36.0



#68
m/p-Xylenes
Concen: 43.192 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Tgt Ion: 106 Resp: 139706
Ion Ratio Lower Upper
106 100
91 209.5 164.0 246.0

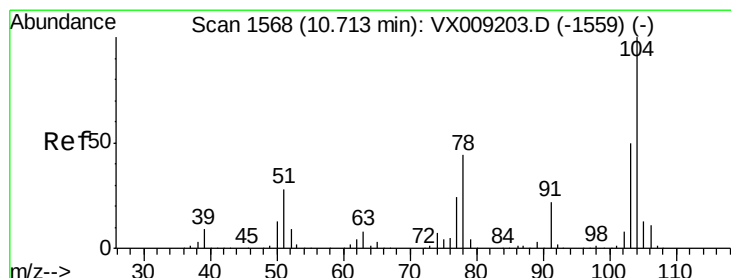
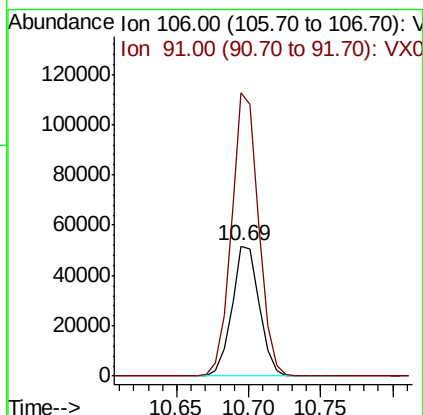
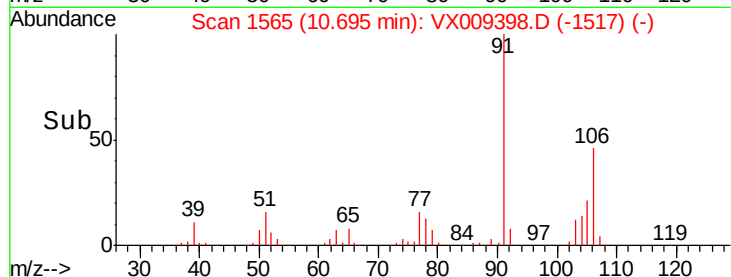
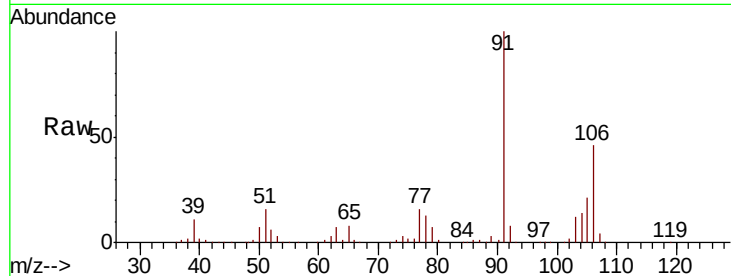




#69
o-Xylene
Concen: 21.566 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

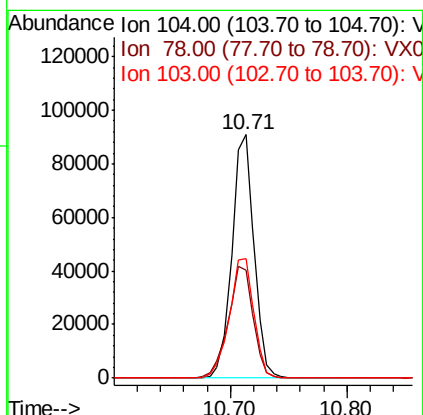
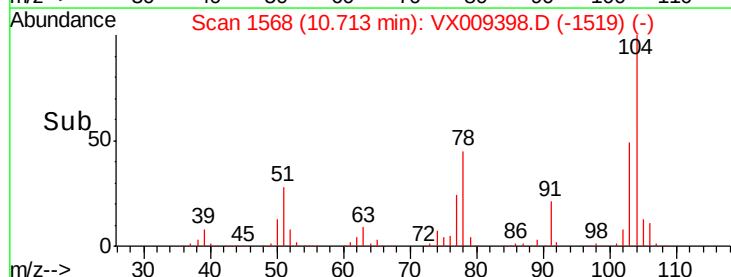
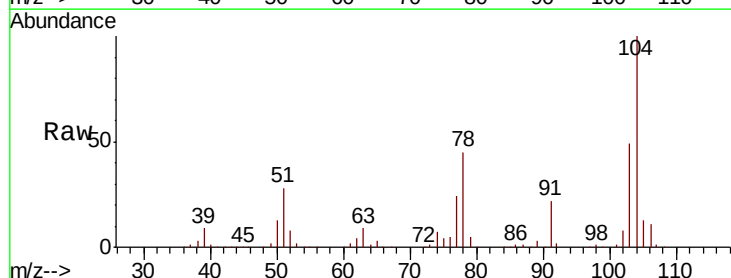
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

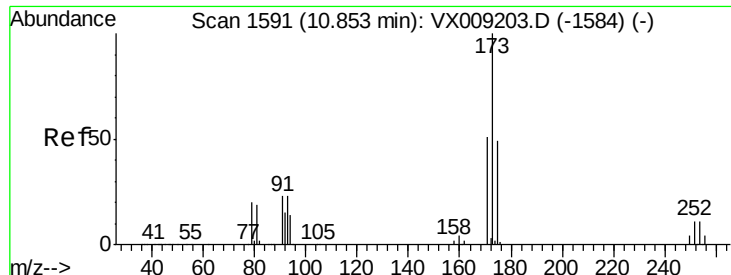
Tot Ion:106 Resp: 68823
Ion Ratio Lower Upper
106 100
91 215.5 109.5 328.4



#70
Styrene
Concen: 21.706 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Tgt Ion:104 Resp: 120398
Ion Ratio Lower Upper
104 100
78 51.4 41.0 61.4
103 54.4 43.8 65.6





#71

Bromoform

Concen: 21.083 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

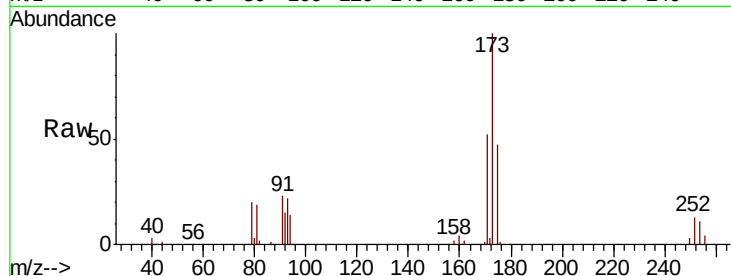
Tot Ion:173 Resp: 29874

Ion Ratio Lower Upper

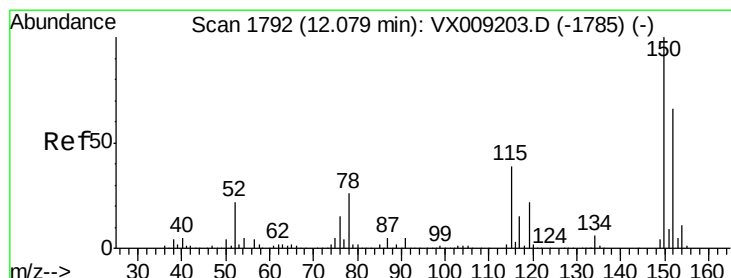
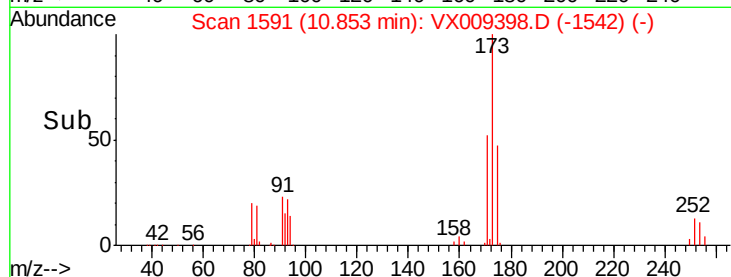
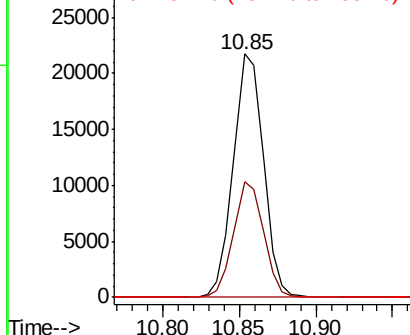
173 100

175 47.4 24.5 73.5

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

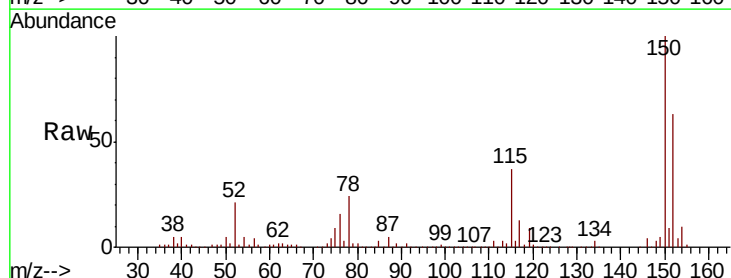
Tgt Ion:152 Resp: 117035

Ion Ratio Lower Upper

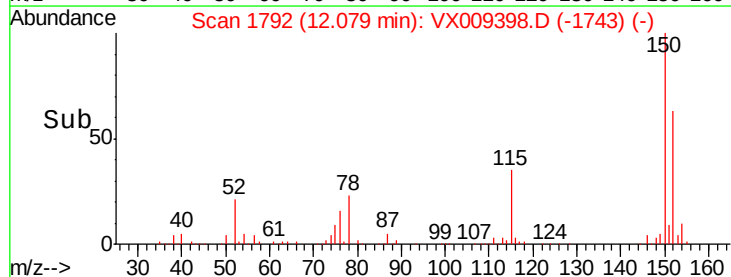
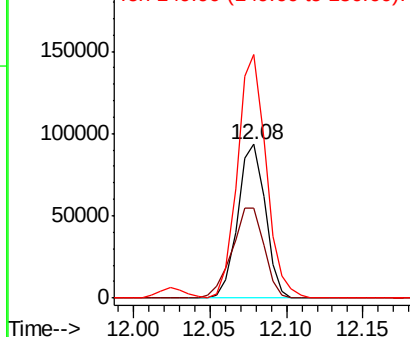
152 100

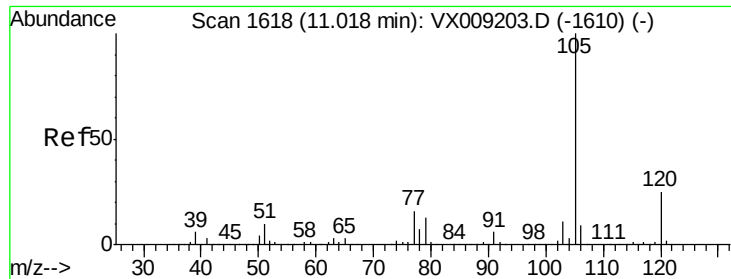
115 67.7 41.2 123.6

150 164.4 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.447 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

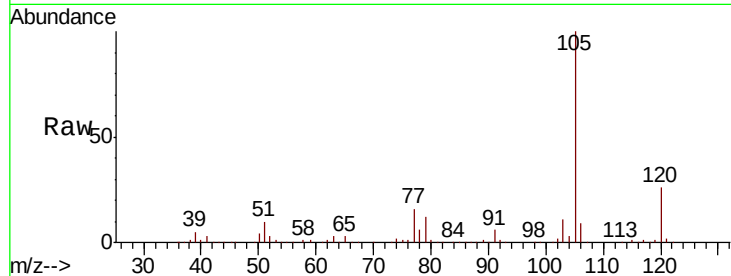
VX0508WBSD01

Tot Ion:105 Resp: 182528

Ion Ratio Lower Upper

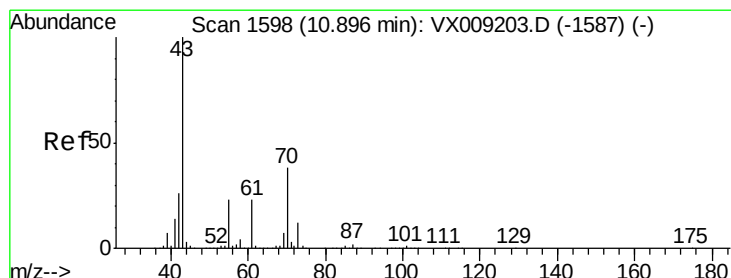
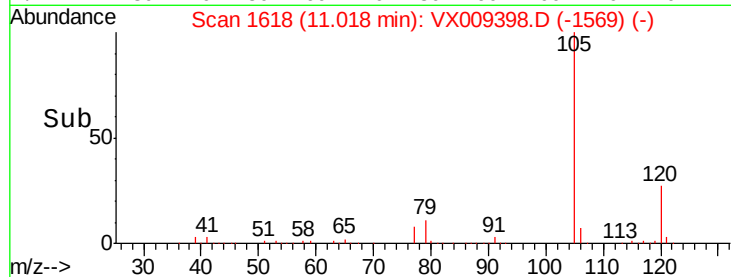
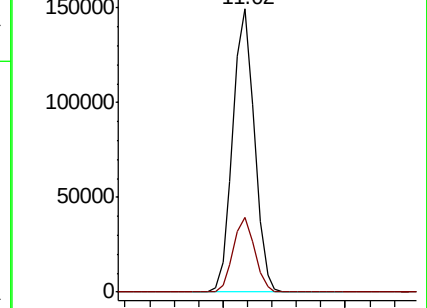
105 100

120 26.1 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.339 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Tgt Ion: 43 Resp: 105881

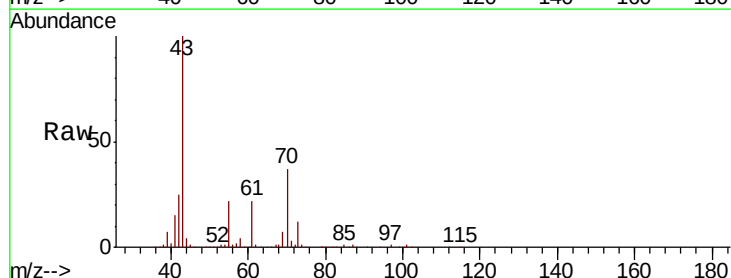
Ion Ratio Lower Upper

43 100

70 37.2 30.0 45.0

55 22.8 17.9 26.9

61 22.4 18.4 27.6

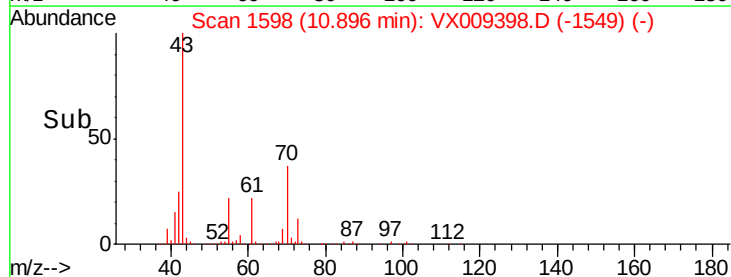
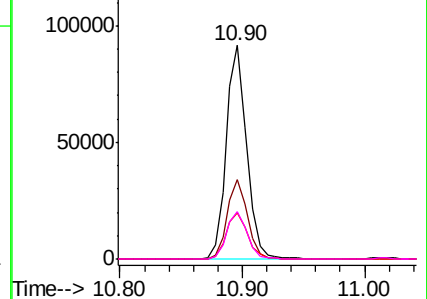


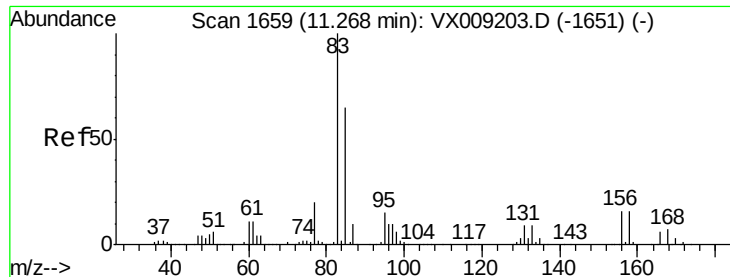
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.022 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

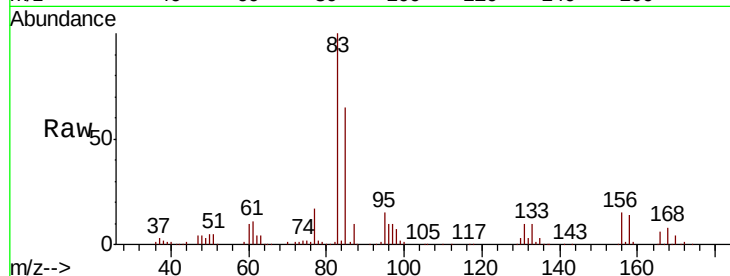
Tot Ion: 83 Resp: 66695

Ion Ratio Lower Upper

83 100

131 9.3 4.6 13.8

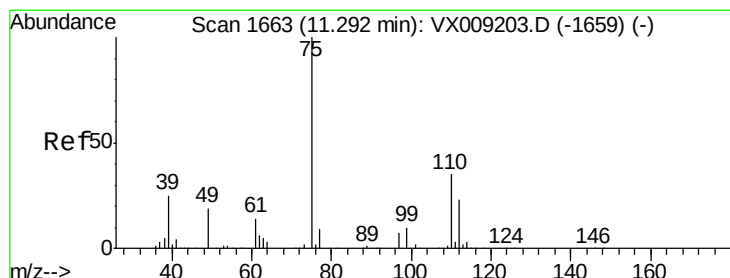
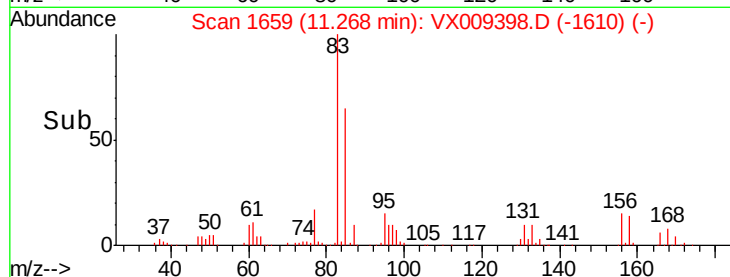
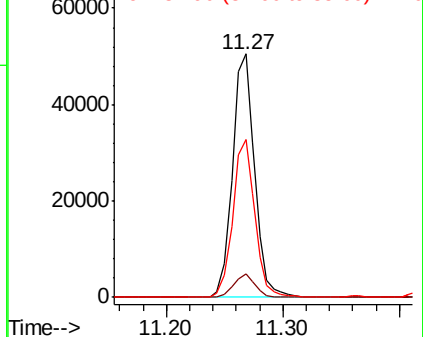
85 64.5 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 28.936 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009398.D

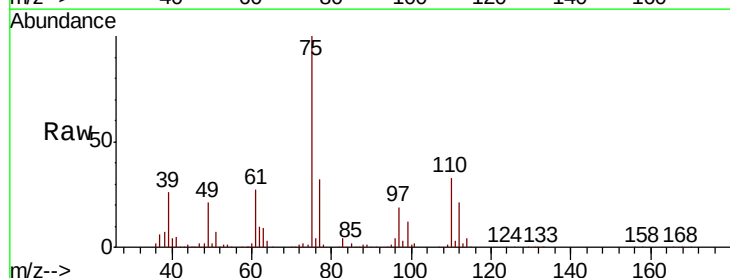
Acq: 08 May 2019 15:10

Tgt Ion: 75 Resp: 78555

Ion Ratio Lower Upper

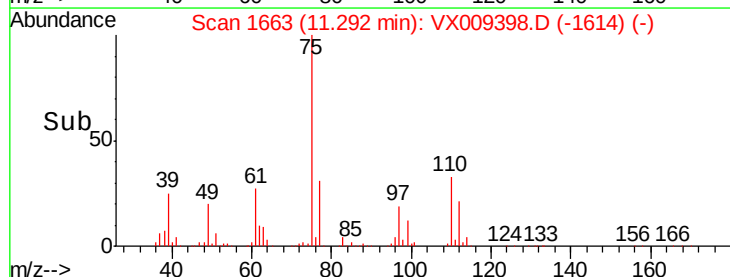
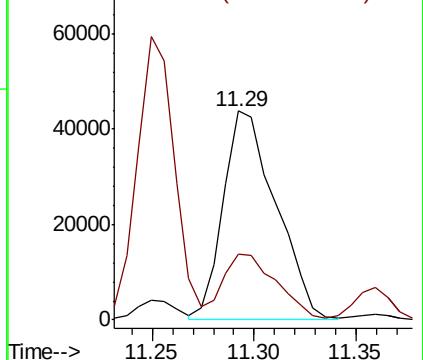
75 100

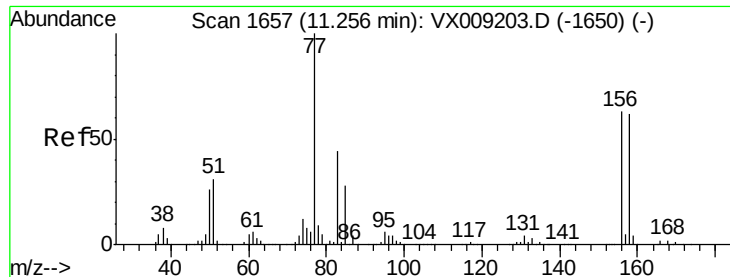
77 32.2 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.405 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

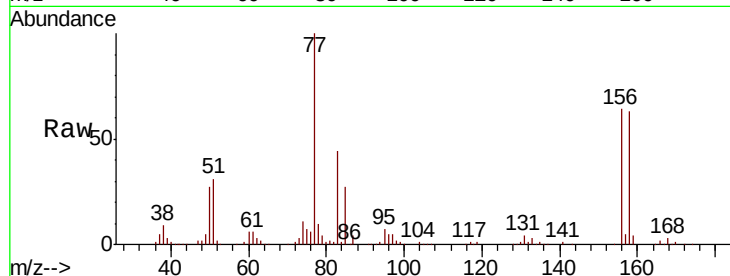
Tot Ion:156 Resp: 45215

Ion Ratio Lower Upper

156 100

77 167.2 84.8 254.3

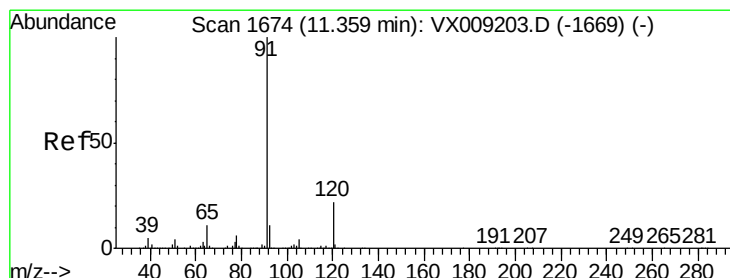
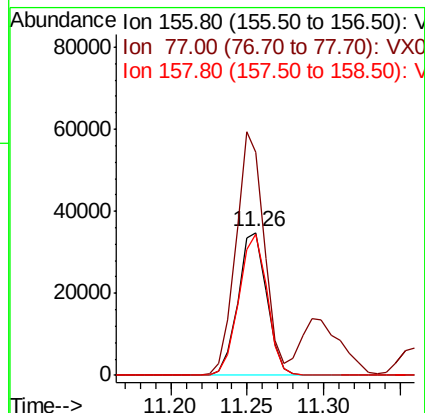
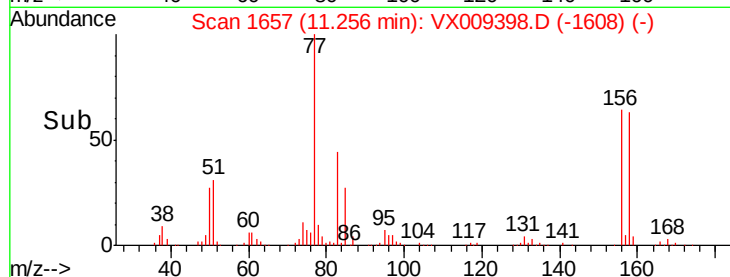
158 97.0 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.301 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009398.D

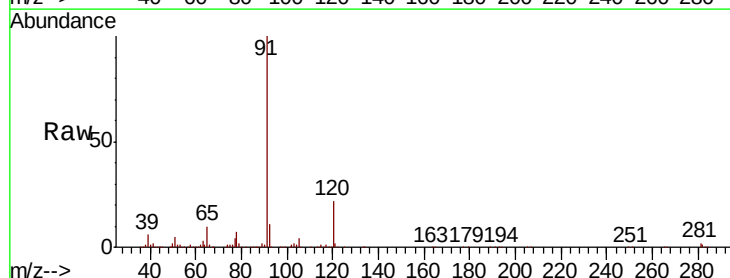
Acq: 08 May 2019 15:10

Tgt Ion: 91 Resp: 207034

Ion Ratio Lower Upper

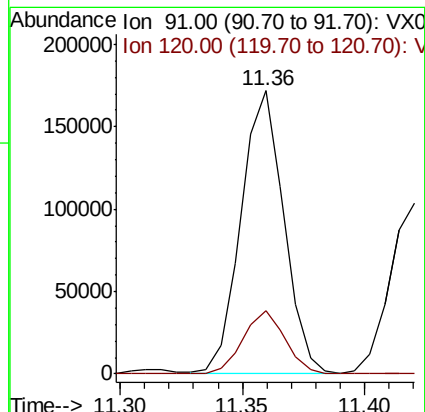
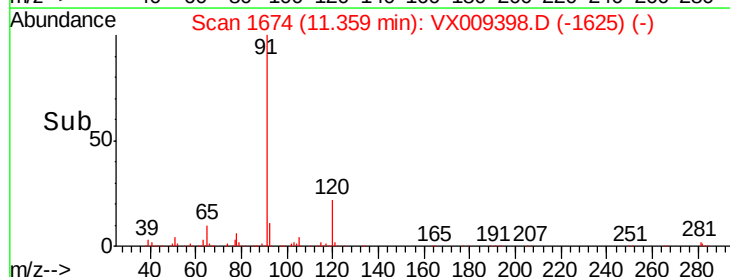
91 100

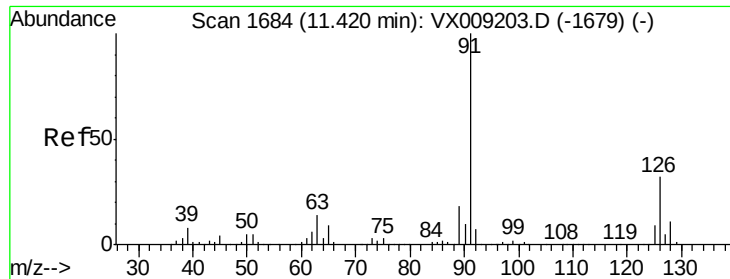
120 22.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

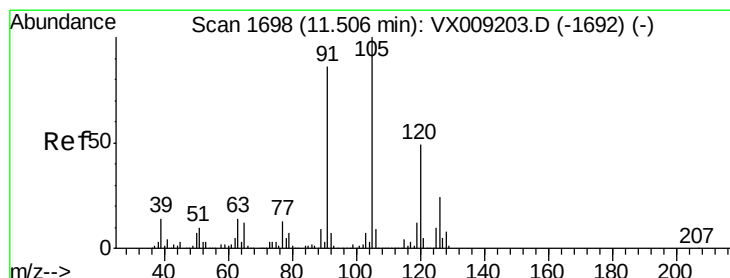
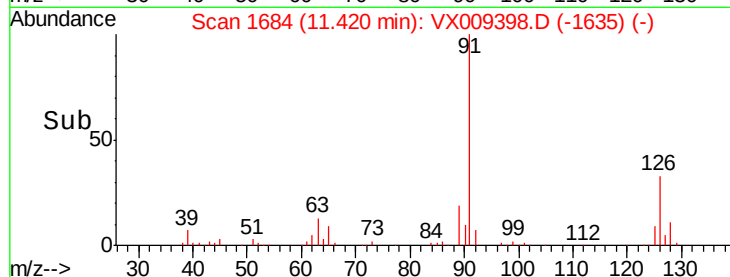
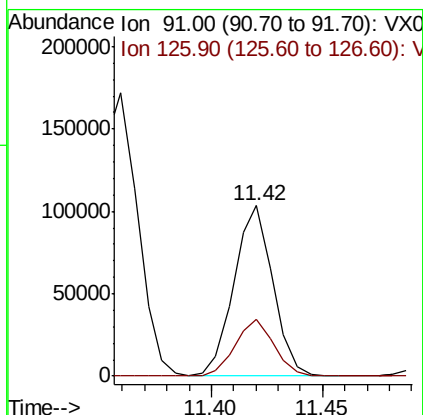
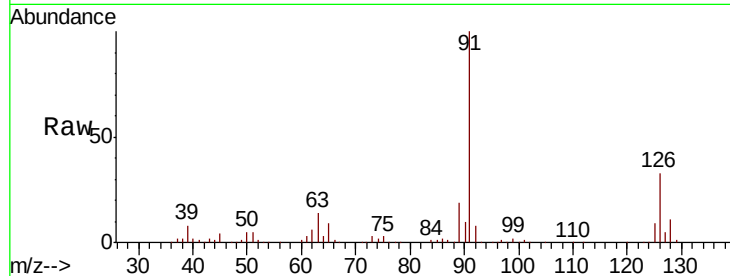




#79
 2-Chlorotoluene
 Concen: 20.912 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

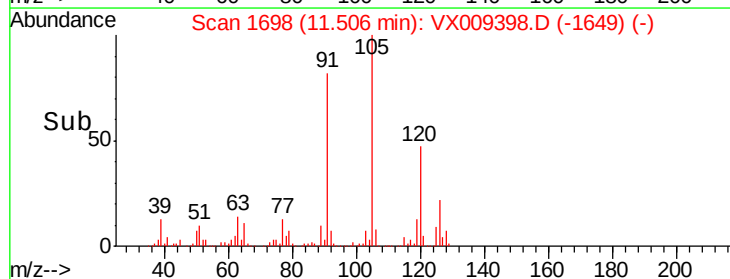
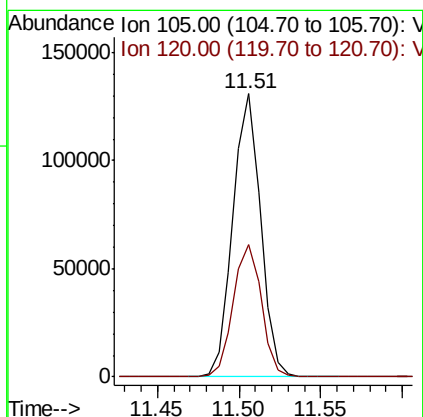
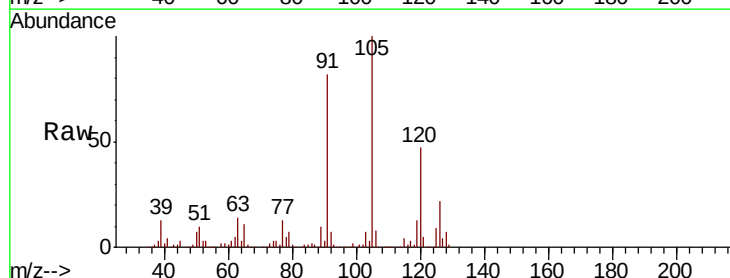
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

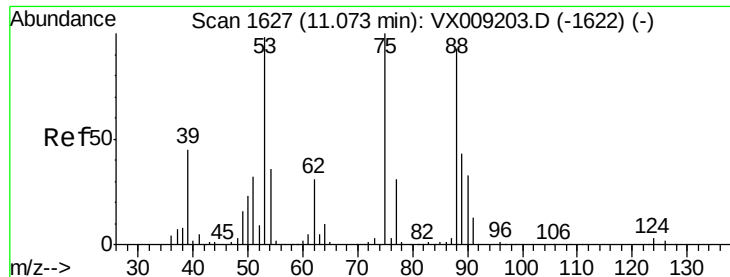
Tot Ion: 91 Resp: 125396
 Ion Ratio Lower Upper
 91 100
 126 33.7 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 21.651 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

Tgt Ion: 105 Resp: 155151
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 20.135 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

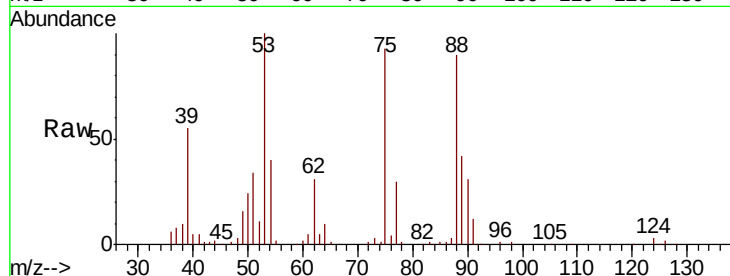
Tot Ion: 75 Resp: 21364

Ion Ratio Lower Upper

75 100

53 106.8 79.0 118.6

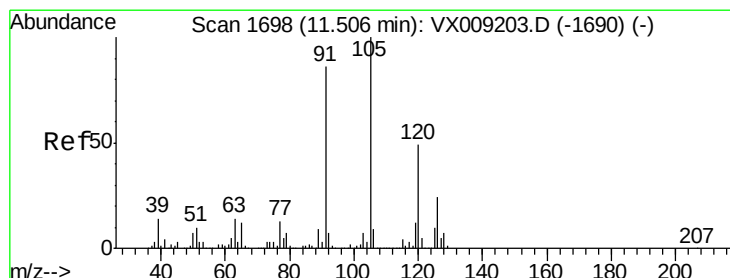
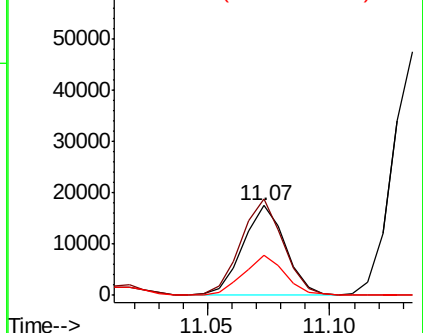
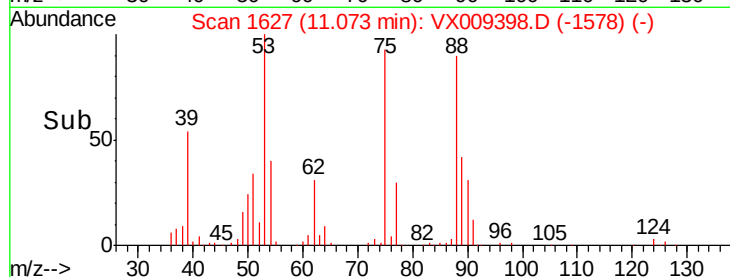
89 43.0 34.7 52.1



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: 20.930 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009398.D

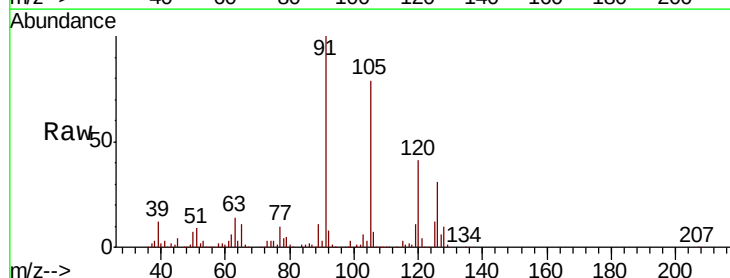
Acq: 08 May 2019 15:10

Tgt Ion: 91 Resp: 141787

Ion Ratio Lower Upper

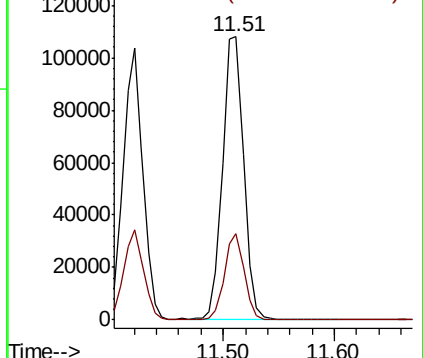
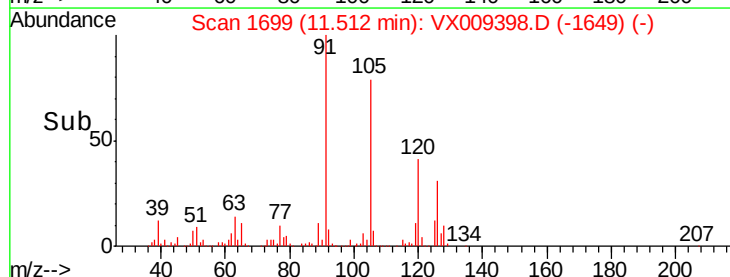
91 100

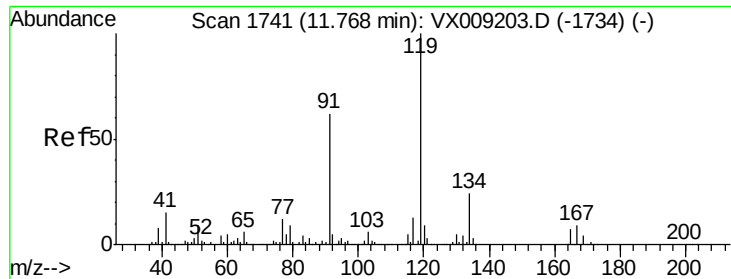
126 28.8 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

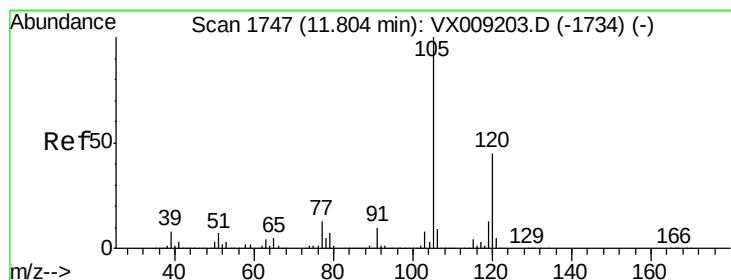
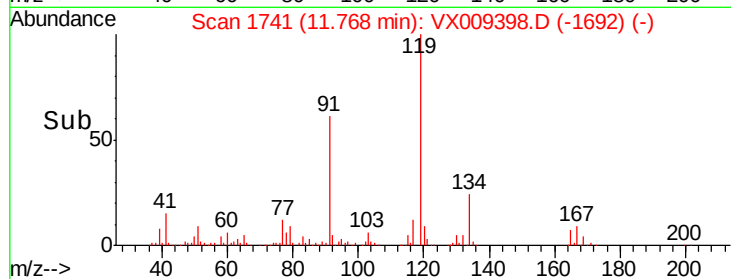
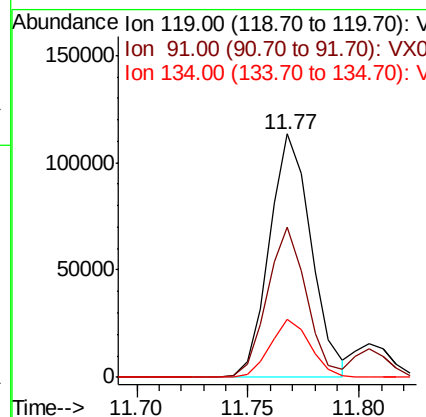
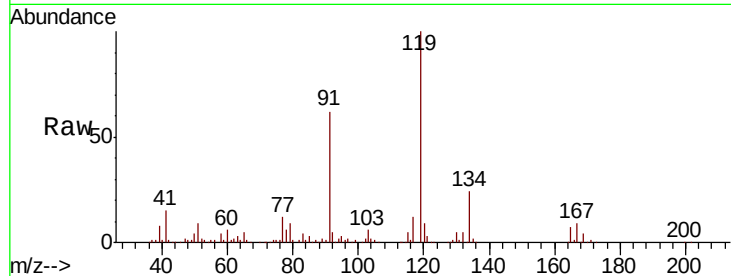




#83
 tert-Butylbenzene
 Concen: 21.216 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

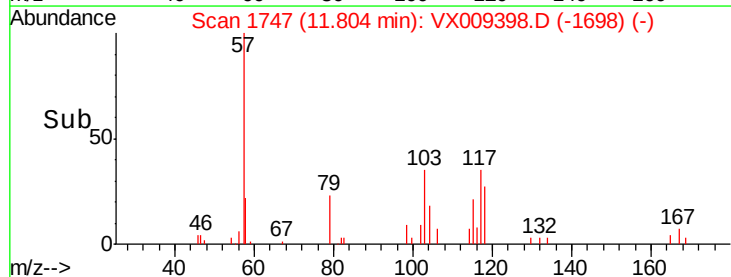
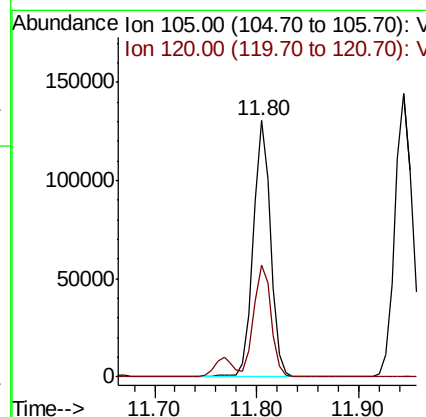
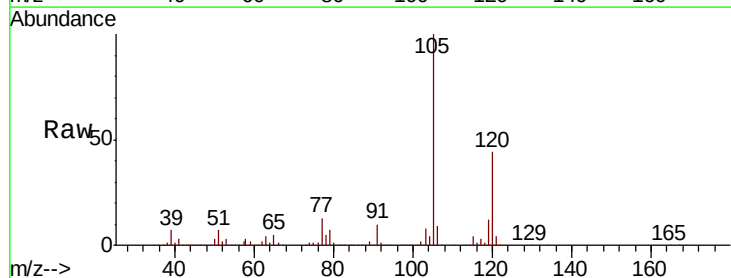
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

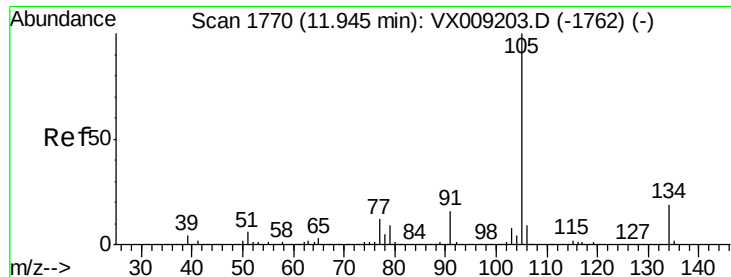
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.2	29.5	88.5
134	22.7	11.4	34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.501 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.7	22.0	66.0





#85

sec-Butylbenzene

Concen: 21.122 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

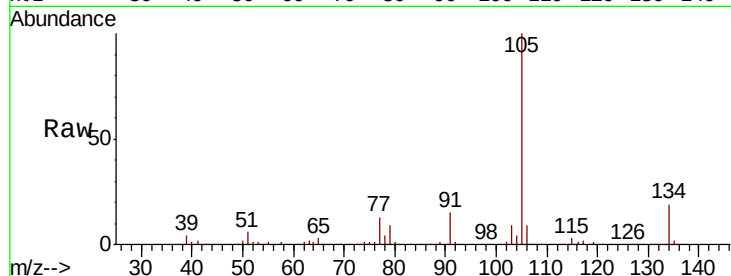
VX0508WBSD01

Tot Ion:105 Resp: 174570

Ion Ratio Lower Upper

105 100

134 19.4 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

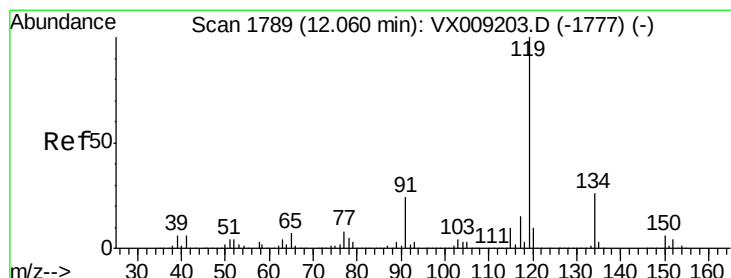
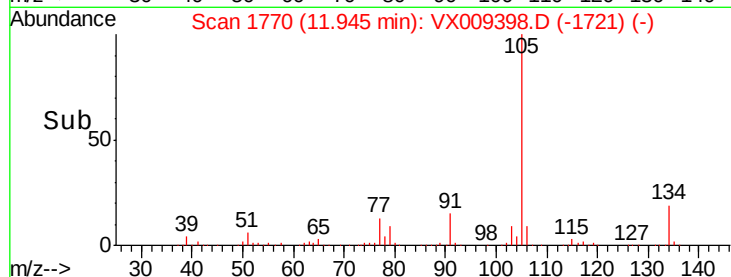
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.366 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

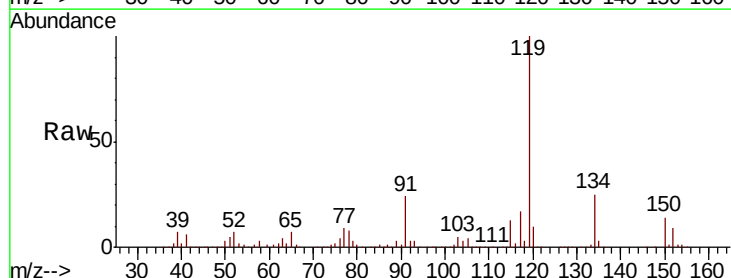
Tgt Ion:119 Resp: 158750

Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.7

91 23.8 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

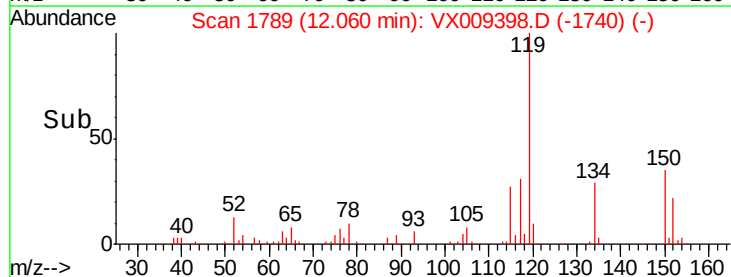
150000

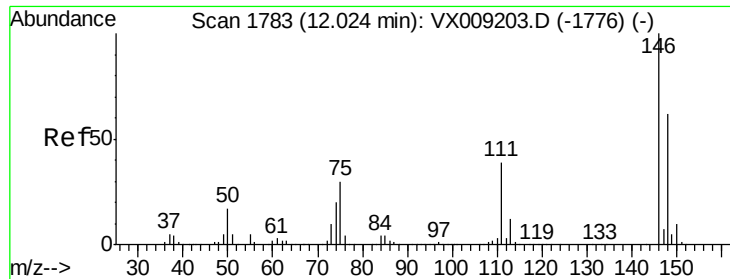
100000

50000

0

Time-->

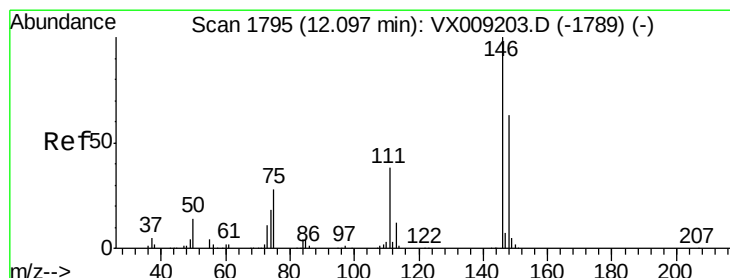
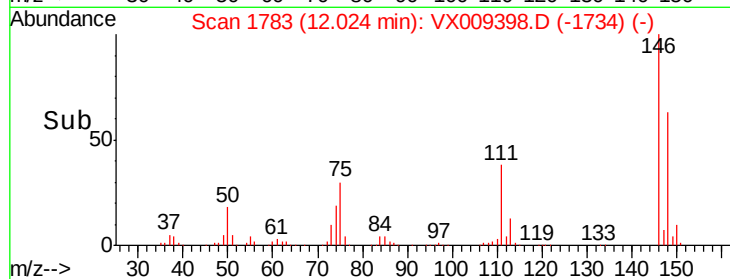
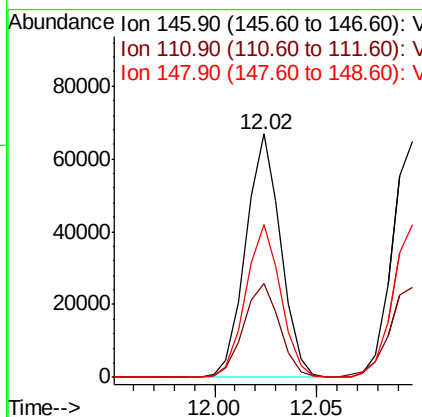
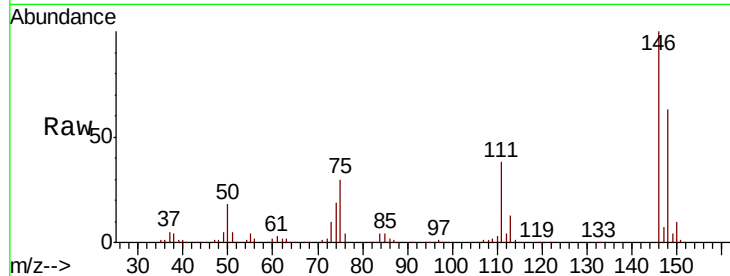




#87
 1,3-Dichlorobenzene
 Concen: 21.140 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

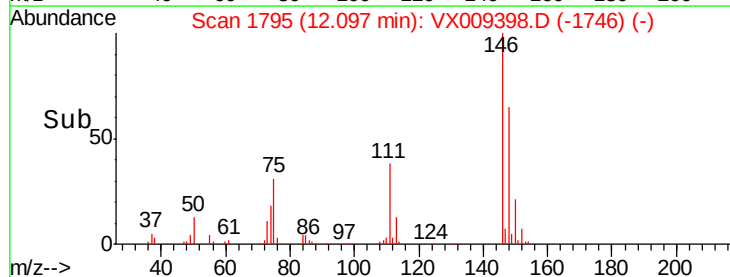
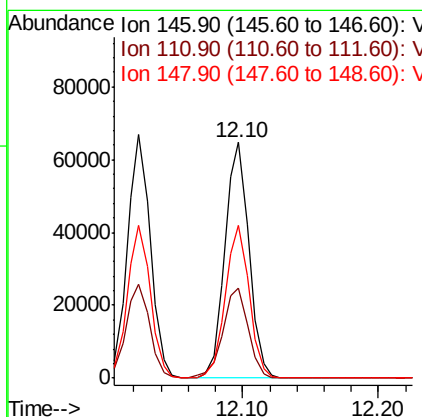
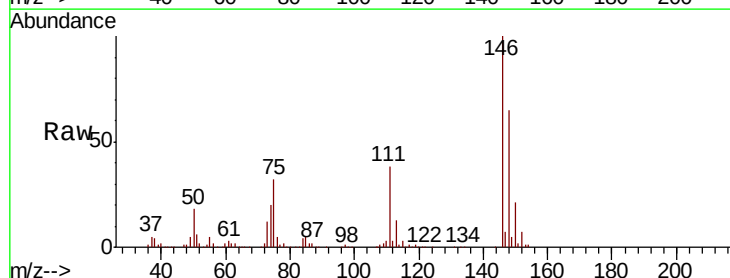
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

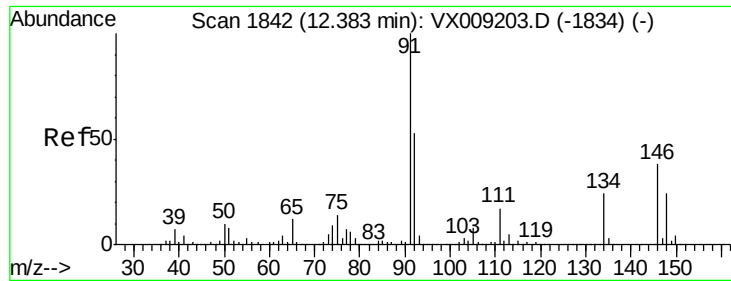
Tot Ion:146 Resp: 79608
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.0 59.9
 148 63.2 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 20.867 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

Tgt Ion:146 Resp: 79222
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.6 58.8
 148 64.5 31.8 95.3

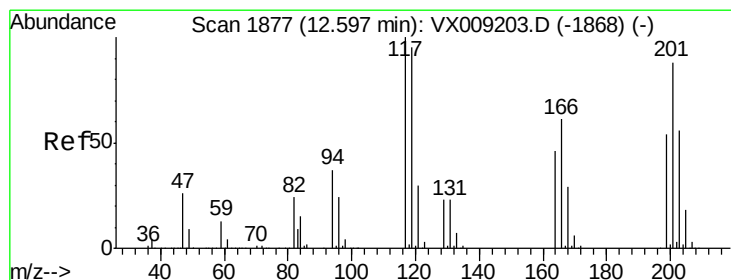
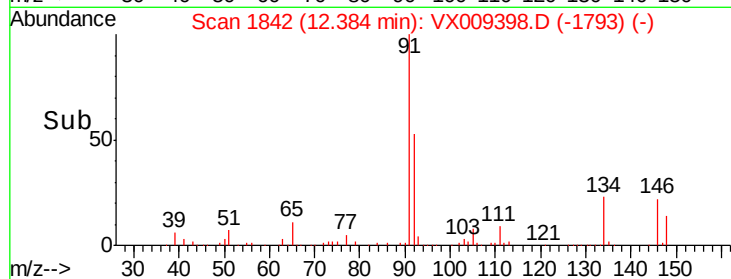
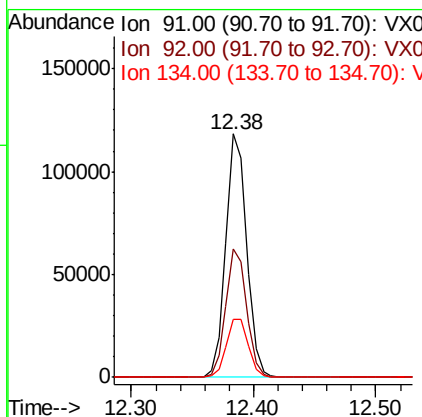
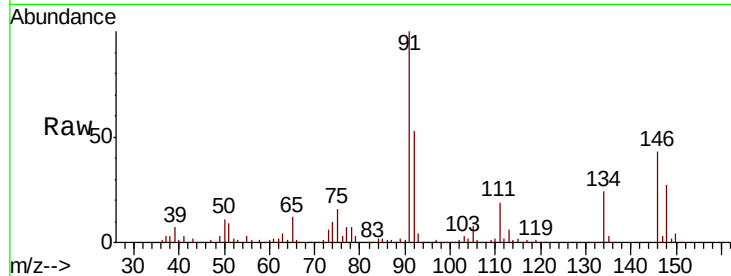




#89
n-Butylbenzene
Concen: 20.751 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

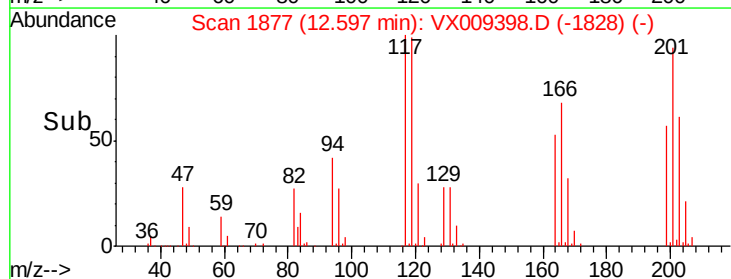
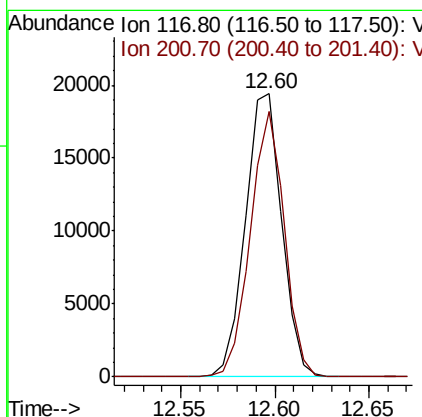
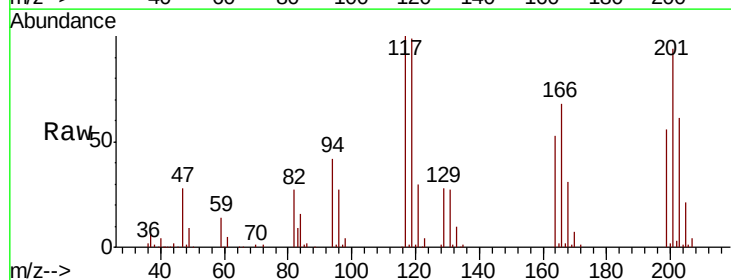
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

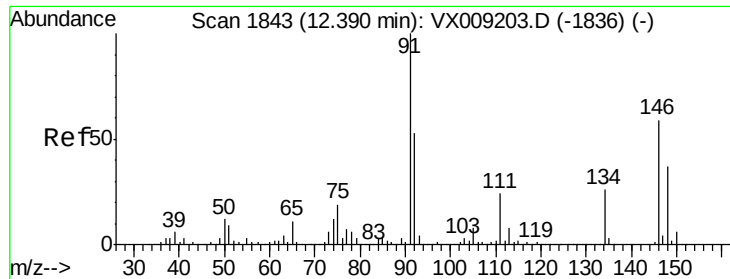
Tot Ion: 91 Resp: 139355
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.5
134 25.2 12.4 37.2



#90
Hexachloroethane
Concen: 20.547 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Tgt Ion: 117 Resp: 26008
Ion Ratio Lower Upper
117 100
201 87.4 42.3 126.9

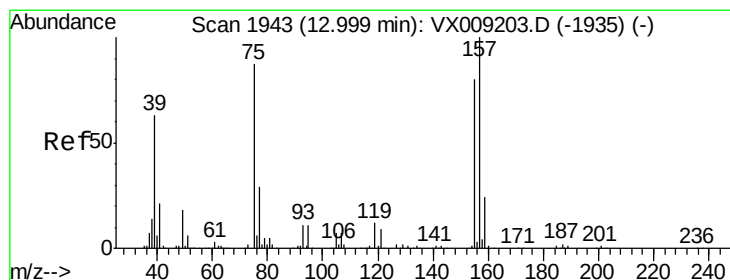
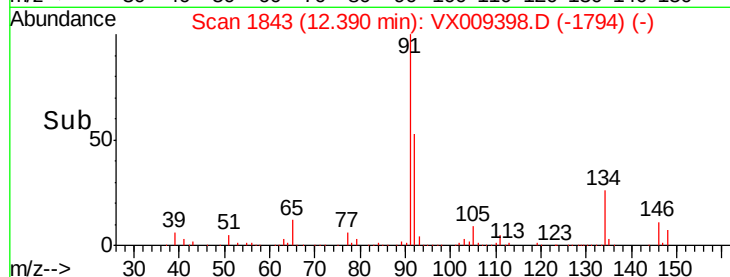
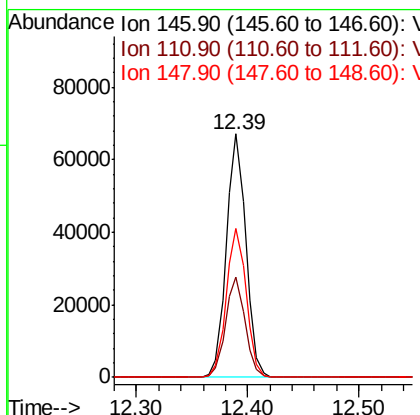
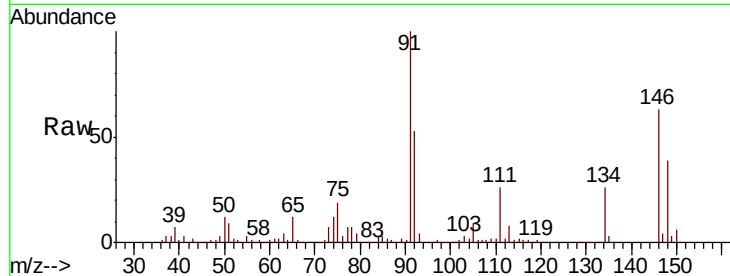




#91
 1,2-Dichlorobenzene
 Concen: 21.121 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

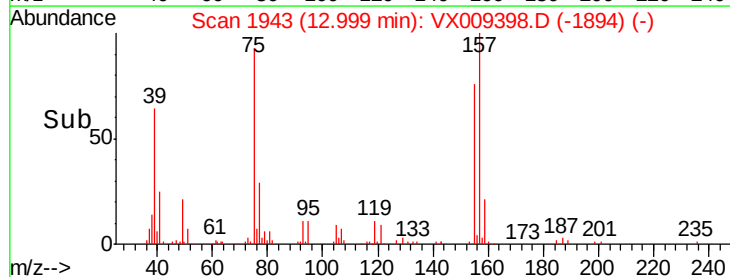
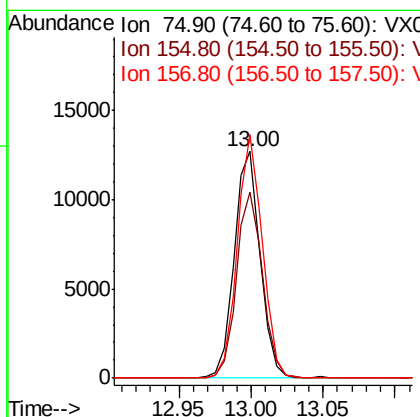
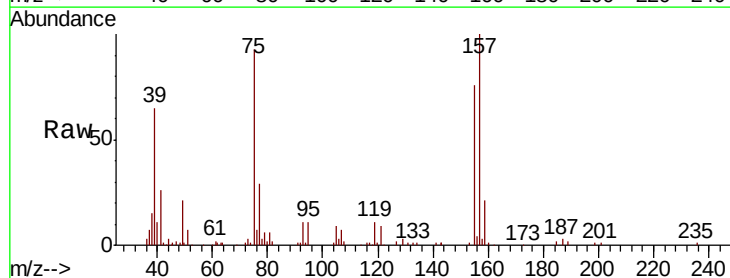
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

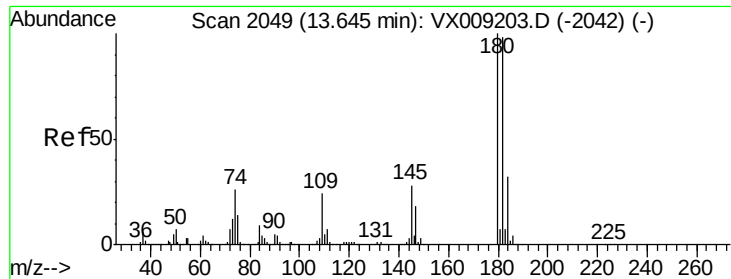
Tot Ion:146 Resp: 81012
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.8 62.4
 148 62.8 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.485 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

Tgt Ion: 75 Resp: 16003
 Ion Ratio Lower Upper
 75 100
 155 81.8 42.0 126.0
 157 103.4 53.2 159.6

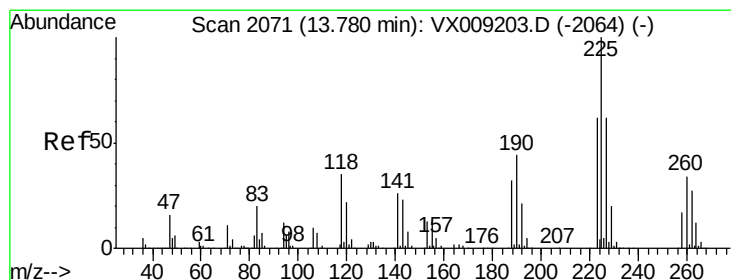
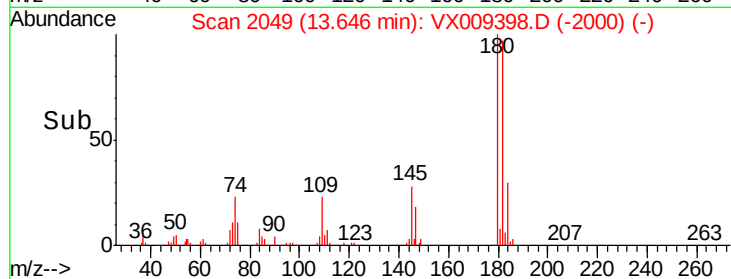
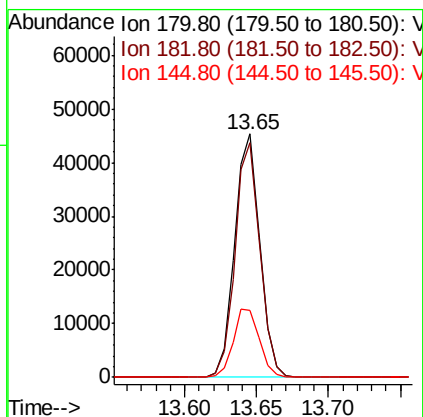
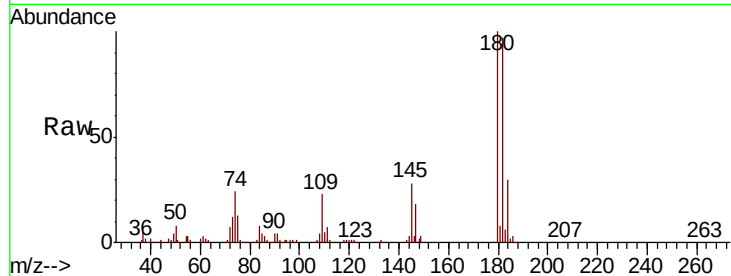




#93
 1,2,4-Trichlorobenzene
 Concen: 21.225 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

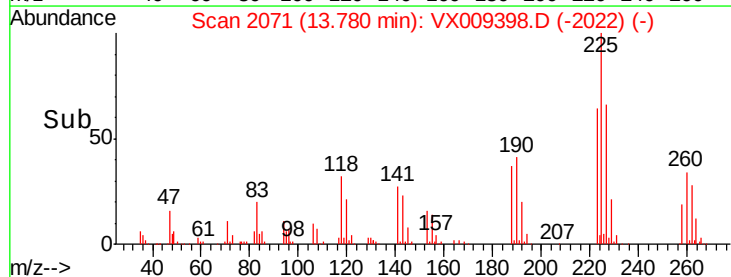
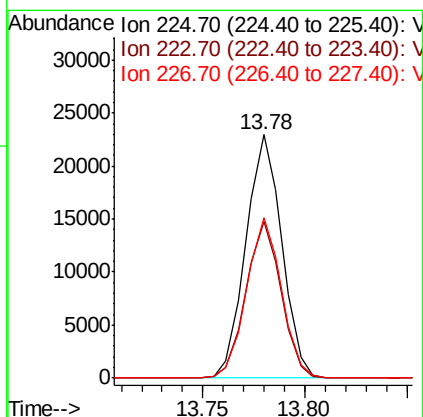
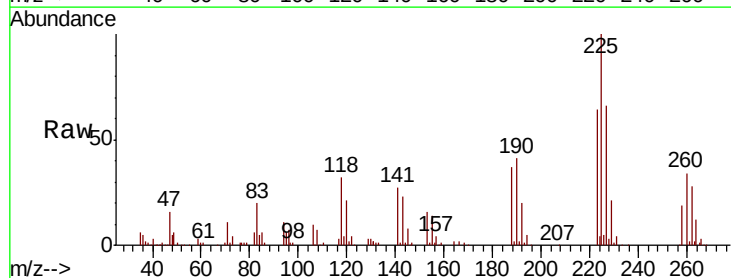
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

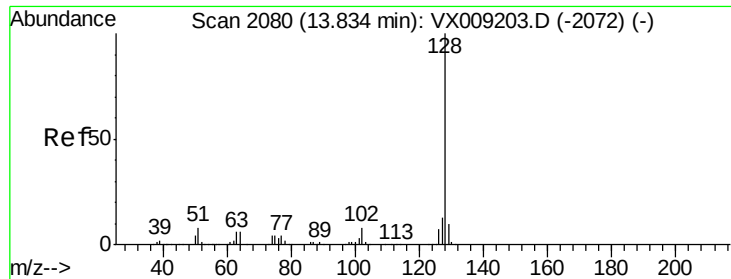
Tot Ion:180 Resp: 55671
 Ion Ratio Lower Upper
 180 100
 182 94.8 48.4 145.2
 145 29.0 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 20.990 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

Tgt Ion:225 Resp: 28114
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.3 93.8
 227 63.8 31.8 95.3

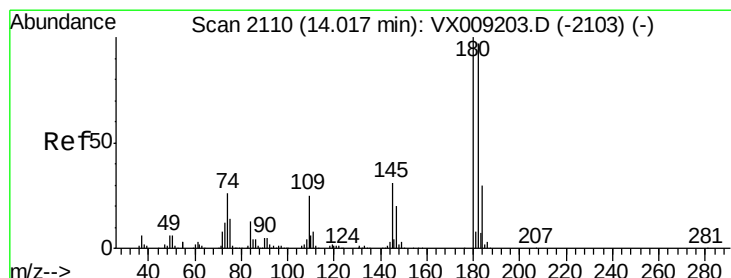
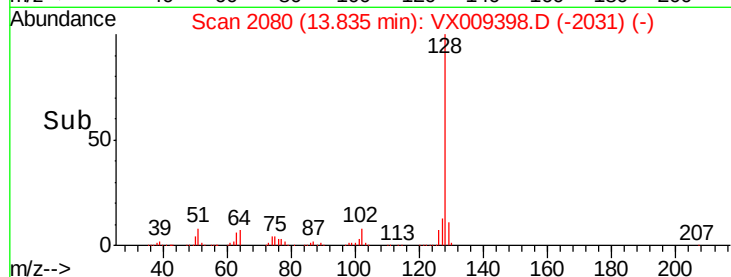
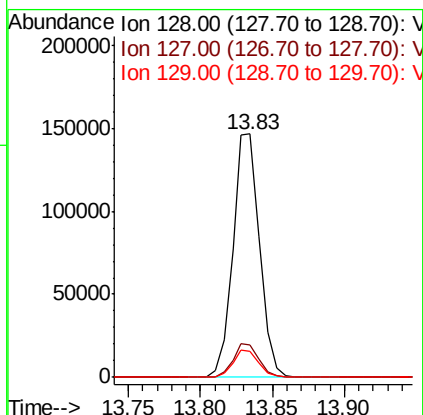
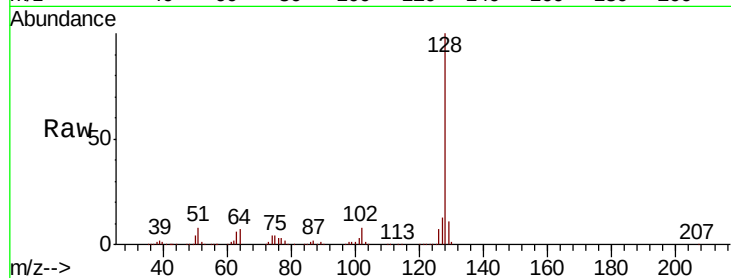




#95
Naphthalene
Concen: 22.148 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	11.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.765 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.8	143.4
145	30.0	15.4	46.4

