

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111318\
 Data File : VX005944.D
 Acq On : 13 Nov 2018 13:14
 Operator : JC/MD
 Sample : VX1113WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBS01

Quant Time: Nov 14 03:23:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	99373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	134804	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	122139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	70124	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	56009	49.03	ug/l	0.00
Spiked Amount						
			Recovery	=	98.06%	
35) Dibromofluoromethane	5.50	113	49864	54.38	ug/l	0.00
Spiked Amount						
			Recovery	=	108.76%	
50) Toluene-d8	8.71	98	161898	53.11	ug/l	0.00
Spiked Amount						
			Recovery	=	106.22%	
62) 4-Bromofluorobenzene	11.13	95	60104	54.84	ug/l	0.00
Spiked Amount						
			Recovery	=	109.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	17760	19.822	ug/l	99
3) Chloromethane	1.32	50	22205	18.884	ug/l	93
4) Vinyl Chloride	1.40	62	23635	20.023	ug/l	96
5) Bromomethane	1.64	94	15495	21.450	ug/l	93
6) Chloroethane	1.72	64	15052	21.371	ug/l	98
7) Trichlorofluoromethane	1.93	101	32142	20.514	ug/l	99
8) Diethyl Ether	2.18	74	12270	19.985	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	18715	20.768	ug/l	98
10) Methyl Iodide	2.51	142	18830	17.241	ug/l	99
11) Tert butyl alcohol	3.06	59	33035	100.943	ug/l	99
12) 1,1-Dichloroethene	2.37	96	17342	19.744	ug/l	90
13) Acrolein	2.29	56	20623	141.195	ug/l	97
14) Allyl chloride	2.73	41	40269	20.527	ug/l	99
15) Acrylonitrile	3.15	53	69057	101.822	ug/l	97
16) Acetone	2.44	43	65659	106.744	ug/l	99
17) Carbon Disulfide	2.57	76	49714	18.975	ug/l	99
18) Methyl Acetate	2.78	43	37186	21.720	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	65543	21.863	ug/l #	90
20) Methylene Chloride	2.85	84	21915	21.689	ug/l	86
21) trans-1,2-Dichloroethene	3.17	96	18610	20.088	ug/l	98
22) Diisopropyl ether	3.87	45	74681	21.732	ug/l	96
23) Vinyl Acetate	3.81	43	335892	113.998	ug/l	97
24) 1,1-Dichloroethane	3.70	63	40387	22.028	ug/l	99
25) 2-Butanone	4.69	43	106575	110.206	ug/l	98
26) 2,2-Dichloropropane	4.59	77	29008	21.569	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	21101	20.627	ug/l	98
28) Bromochloromethane	5.02	49	17644	21.533	ug/l	97
29) Tetrahydrofuran	5.15	42	65477	105.452	ug/l	98
30) Chloroform	5.21	83	37404	21.146	ug/l	96
31) Cyclohexane	5.58	56	33027	20.752	ug/l #	82
32) 1,1,1-Trichloroethane	5.49	97	32278	21.878	ug/l	98
36) 1,1-Dichloropropene	5.80	75	25331	19.492	ug/l	98
37) Ethyl Acetate	4.85	43	35818	20.959	ug/l	99
38) Carbon Tetrachloride	5.78	117	27335	21.011	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111318\
 Data File : VX005944.D
 Acq On : 13 Nov 2018 13:14
 Operator : JC/MD
 Sample : VX1113WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBS01

Quant Time: Nov 14 03:23:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	27236	20.678	ug/l	# 86
40) Benzene	6.13	78	73409	19.377	ug/l	99
41) Methacrylonitrile	5.05	41	19509	21.127	ug/l	99
42) 1,2-Dichloroethane	6.19	62	28096	20.706	ug/l	100
43) Isopropyl Acetate	6.46	43	52065	21.026	ug/l	100
44) Trichloroethene	7.21	130	19879	20.662	ug/l	92
45) 1,2-Dichloropropane	7.51	63	19769	21.499	ug/l	99
46) Dibromomethane	7.66	93	12606	21.847	ug/l	98
47) Bromodichloromethane	7.90	83	26905	24.673	ug/l	88
48) Methyl methacrylate	7.77	41	24131	21.703	ug/l	99
49) 1,4-Dioxane	7.75	88	9945	415.075	ug/l	# 94
51) 4-Methyl-2-Pentanone	8.65	43	166081	106.419	ug/l	99
52) Toluene	8.78	92	44366	20.954	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	26010	20.212	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	29421	22.431	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	18642	19.755	ug/l	99
56) Ethyl methacrylate	9.18	69	26364	18.672	ug/l	97
57) 1,3-Dichloropropane	9.37	76	30789	19.416	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	74373	101.746	ug/l	99
59) 2-Hexanone	9.49	43	132836	96.564	ug/l	99
60) Dibromochloromethane	9.58	129	19469	19.090	ug/l	99
61) 1,2-Dibromoethane	9.67	107	19296	18.492	ug/l	99
64) Tetrachloroethene	9.34	164	21622	20.793	ug/l	98
65) Chlorobenzene	10.14	112	50335	20.571	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	18332	21.550	ug/l	99
67) Ethyl Benzene	10.25	91	84225	21.466	ug/l	99
68) m/p-Xylenes	10.36	106	65881	44.021	ug/l	98
69) o-Xylene	10.70	106	30679	22.861	ug/l	100
70) Styrene	10.71	104	51511	23.268	ug/l	99
71) Bromoform	10.86	173	15682	21.991	ug/l	# 99
73) Isopropylbenzene	11.02	105	86057	21.221	ug/l	99
74) N-amyl acetate	10.90	43	40012	18.396	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	29839	20.047	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	35778	25.057	ug/l	86
77) Bromobenzene	11.26	156	23111	20.220	ug/l	100
78) n-propylbenzene	11.36	91	102399	21.426	ug/l	99
79) 2-Chlorotoluene	11.42	91	60726	21.022	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	74833	21.715	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	8833	19.716	ug/l	95
82) 4-Chlorotoluene	11.51	91	72378	21.260	ug/l	100
83) tert-Butylbenzene	11.77	119	71892	20.621	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	76311	19.994	ug/l	100
85) sec-Butylbenzene	11.94	105	88564	20.774	ug/l	99
86) p-Isopropyltoluene	12.07	119	80260	21.254	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	43798	19.966	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	44161	19.666	ug/l	98
89) n-Butylbenzene	12.39	91	70654	20.188	ug/l	99
90) Hexachloroethane	12.60	117	12595	19.977	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	42829	19.490	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	7252	19.966	ug/l	99

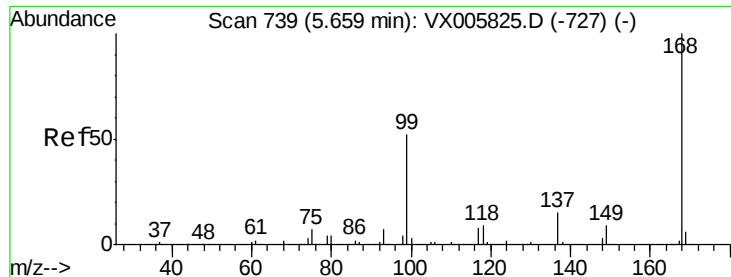
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111318\
Data File : VX005944.D
Acq On : 13 Nov 2018 13:14
Operator : JC/MD
Sample : VX1113WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS01

Quant Time: Nov 14 03:23:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	32318	20.891	ug/l	100
94) Hexachlorobutadiene	13.79	225	17262	21.243	ug/l	98
95) Naphthalene	13.83	128	92873	19.153	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	32930	20.895	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX005944.D

Acq: 13 Nov 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

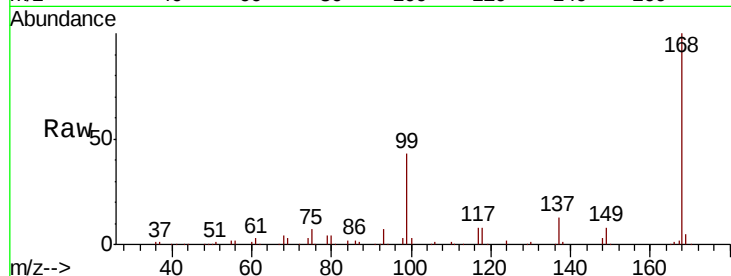
VX1113WBS01

Tot Ion:168 Resp: 99373

Ion Ratio Lower Upper

168 100

99 43.2 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

40000

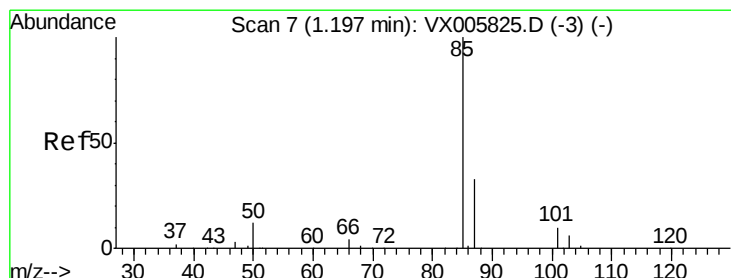
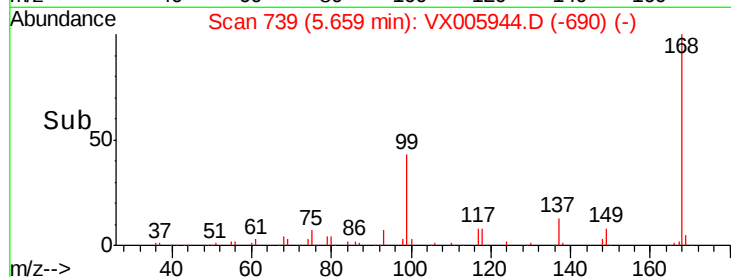
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.822 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005944.D

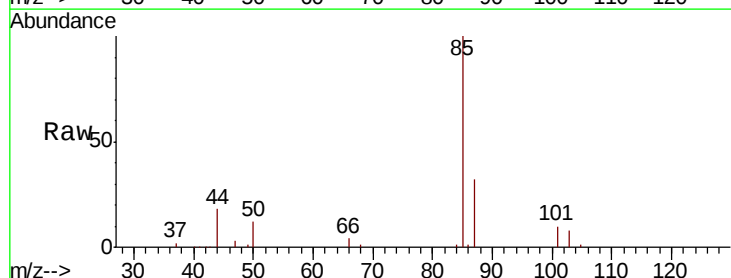
Acq: 13 Nov 2018 13:14

Tgt Ion: 85 Resp: 17760

Ion Ratio Lower Upper

85 100

87 31.9 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

20000

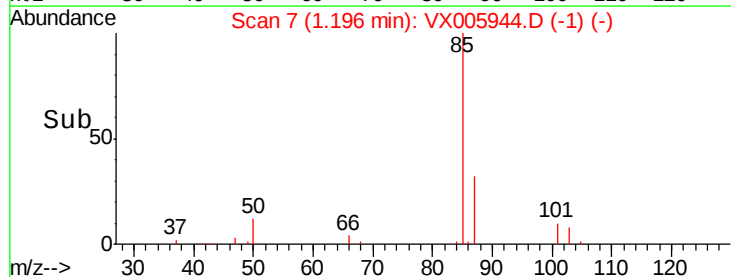
15000

10000

5000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 18.884 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005944.D

Acq: 13 Nov 2018 13:14

Instrument :

MSVOA_X

ClientSampled :

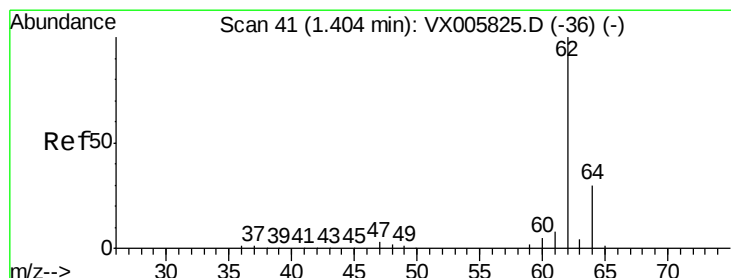
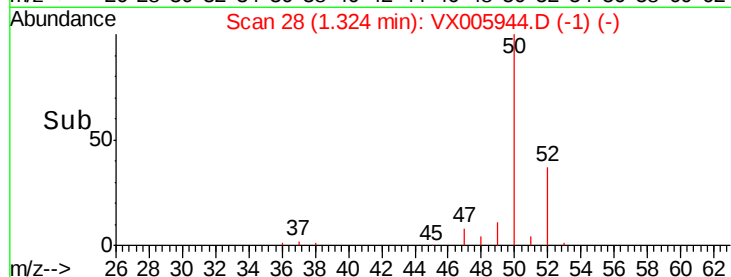
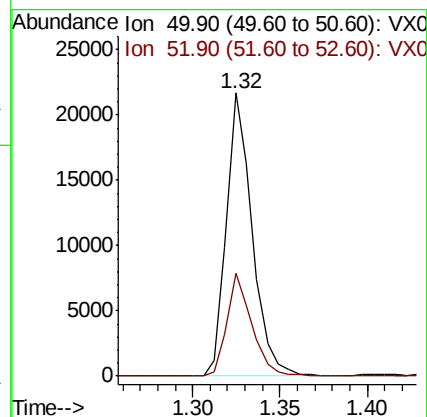
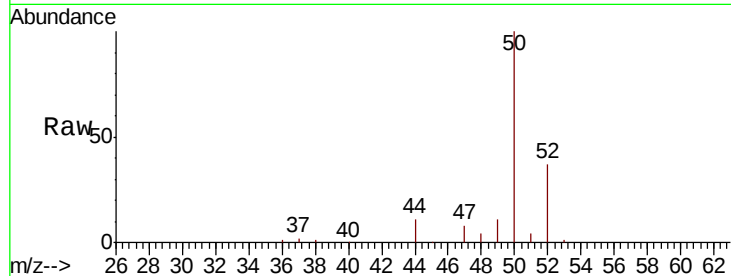
VX1113WBS01

Tot Ion: 50 Resp: 22205

Ion Ratio Lower Upper

50 100

52 36.6 26.2 39.2



#4

Vinyl Chloride

Concen: 20.023 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005944.D

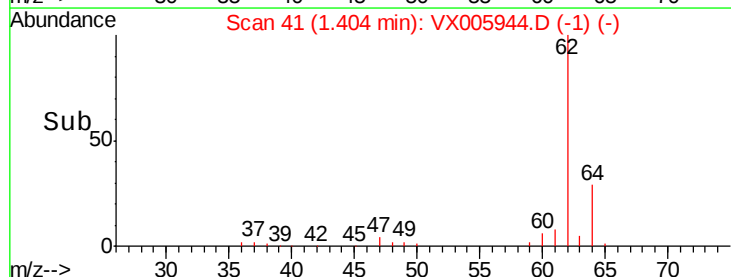
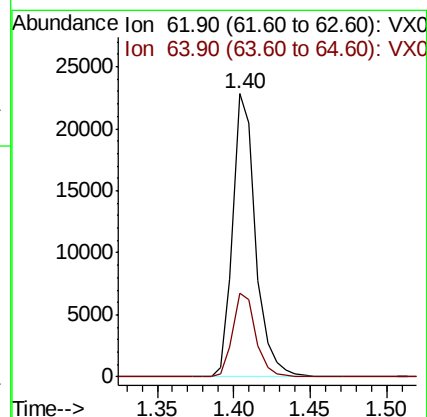
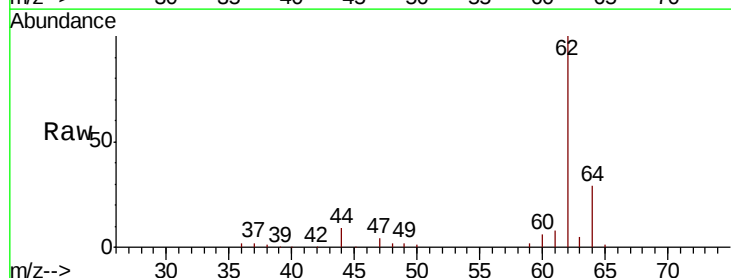
Acq: 13 Nov 2018 13:14

Tgt Ion: 62 Resp: 23635

Ion Ratio Lower Upper

62 100

64 29.4 25.3 37.9





#5

Bromomethane

Concen: 21.450 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005944.D

Acq: 13 Nov 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

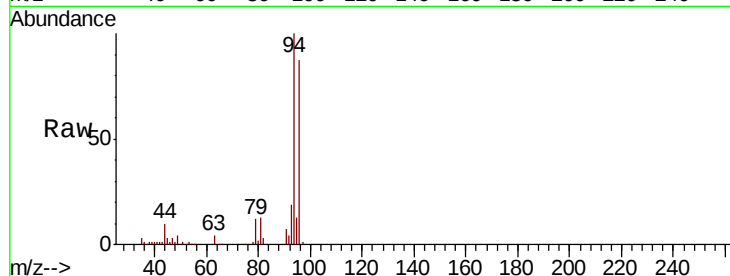
VX1113WBS01

Tot Ion: 94 Resp: 15495

Ion Ratio Lower Upper

94 100

96 87.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

15000

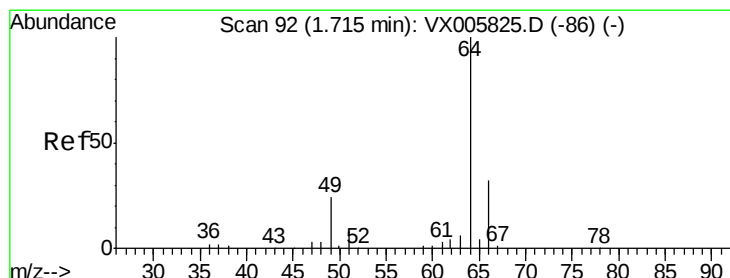
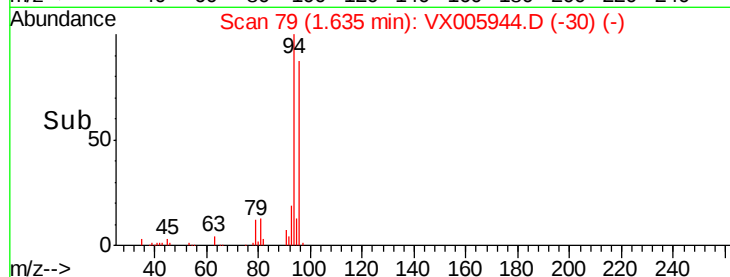
10000

5000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 21.371 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005944.D

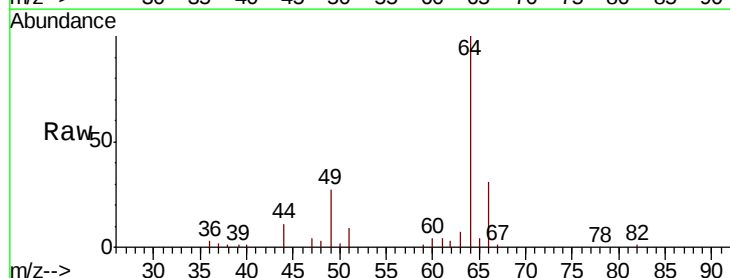
Acq: 13 Nov 2018 13:14

Tgt Ion: 64 Resp: 15052

Ion Ratio Lower Upper

64 100

66 30.8 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

12000

10000

8000

6000

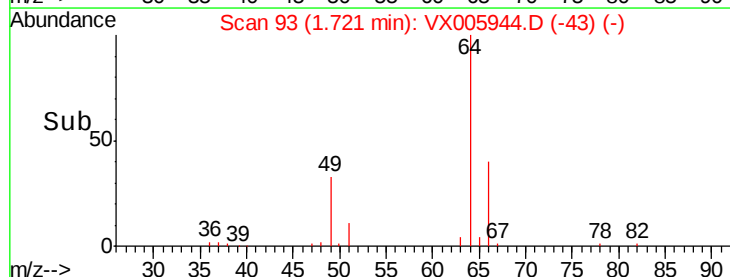
4000

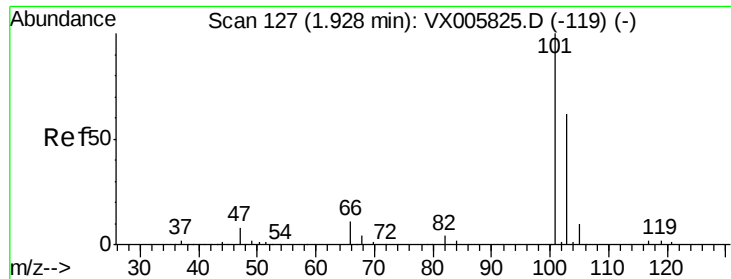
2000

0

1.65 1.70 1.75 1.80 1.85

Time-->



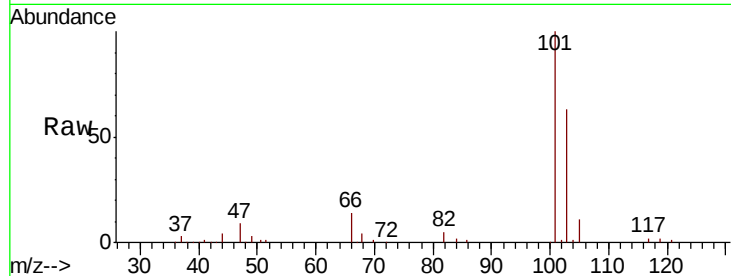


#7

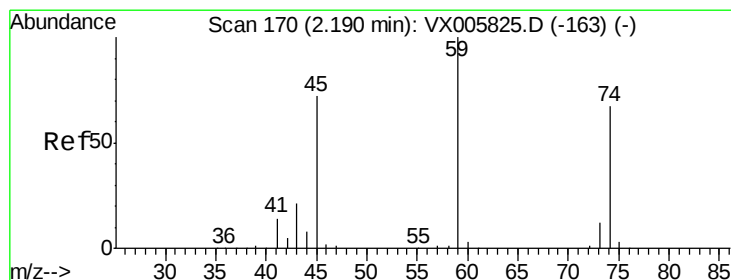
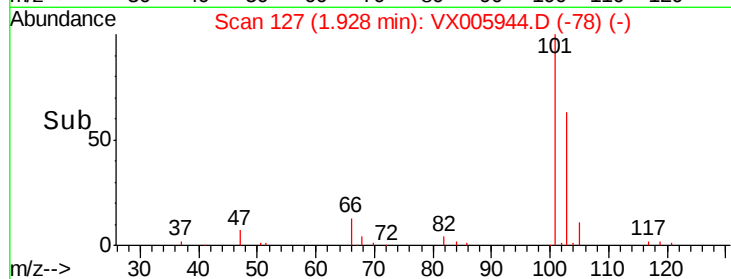
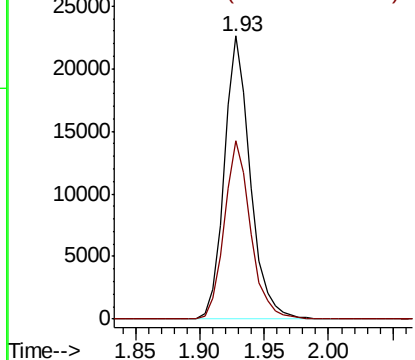
Trichlorofluoromethane
 Concen: 20.514 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX005944.D
 Acq: 13 Nov 2018 13:14

Instrument :
 MSVOA_X
 ClientSampled :
 VX1113WBS01

Tot Ion:101 Resp: 32142
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.0 75.0



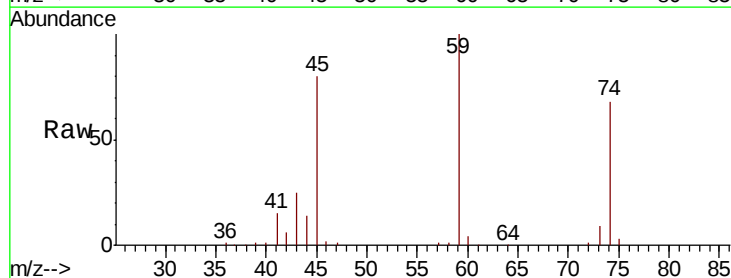
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



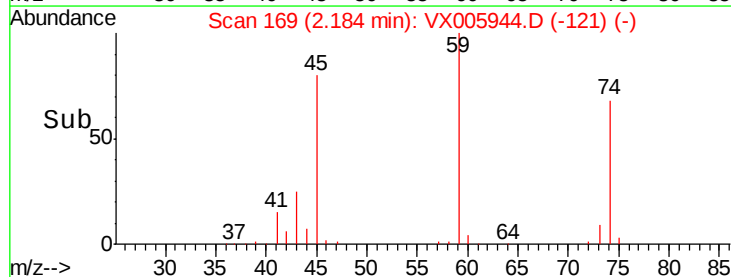
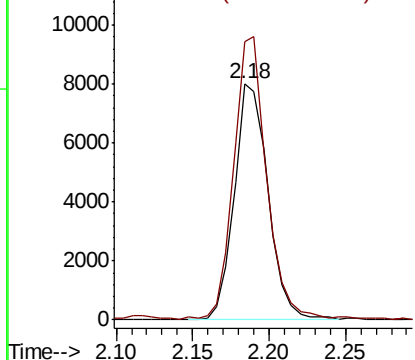
#8

Diethyl Ether
 Concen: 19.985 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX005944.D
 Acq: 13 Nov 2018 13:14

Tgt Ion: 74 Resp: 12270
 Ion Ratio Lower Upper
 74 100
 45 118.3 54.1 162.3



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.768 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX005944.D

Acq: 13 Nov 2018 13:14

Instrument :

MSVOA_X

ClientSampled :

VX1113WBS01

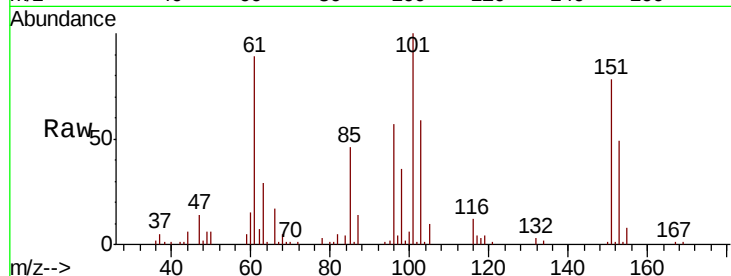
Tot Ion:101 Resp: 18715

Ion Ratio Lower Upper

101 100

85 46.2 35.0 52.4

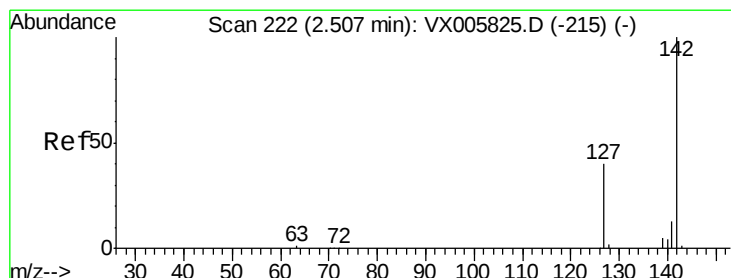
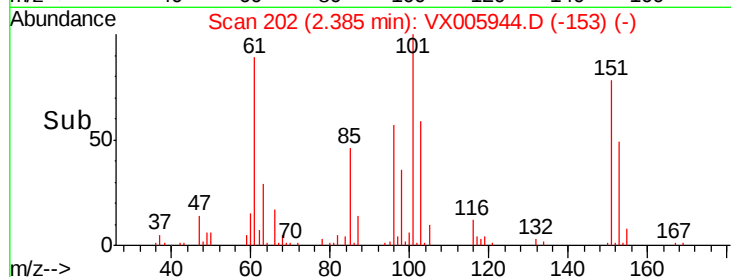
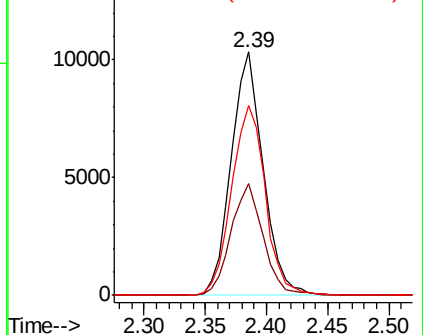
151 82.0 66.2 99.2



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: 17.241 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005944.D

Acq: 13 Nov 2018 13:14

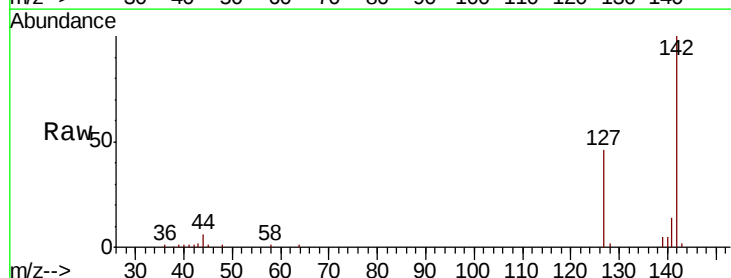
Tgt Ion:142 Resp: 18830

Ion Ratio Lower Upper

142 100

127 45.4 36.0 54.0

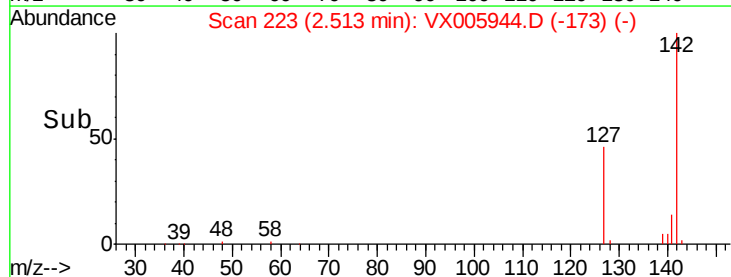
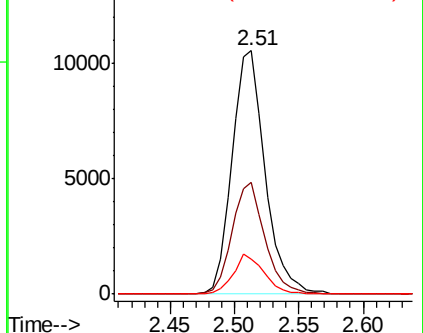
141 15.1 11.7 17.5

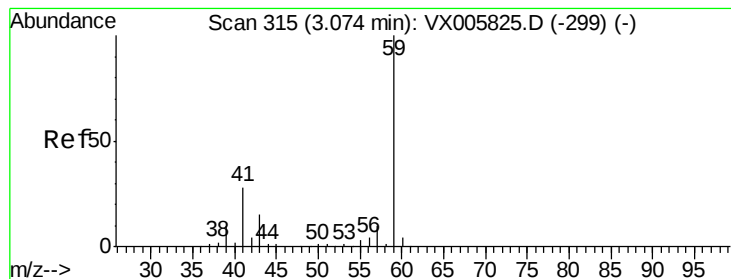


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



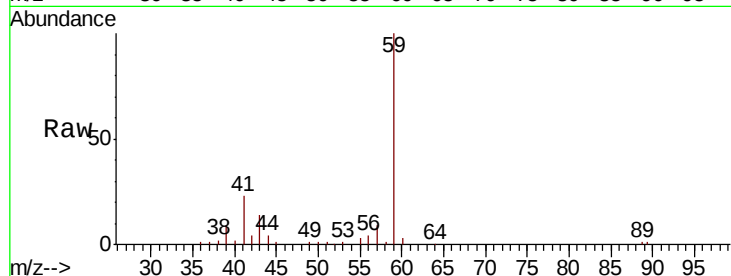


#11

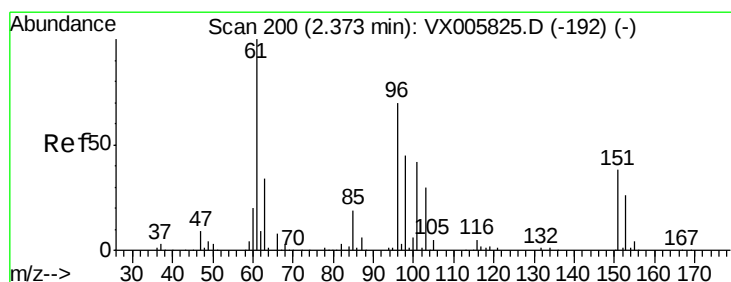
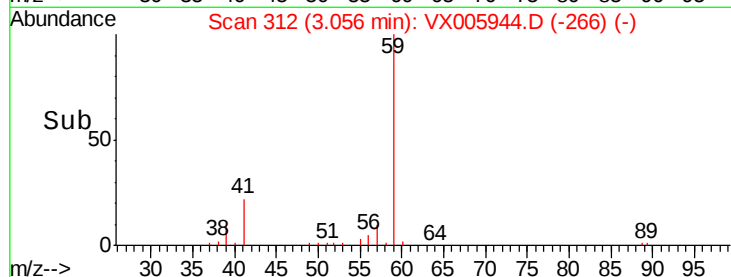
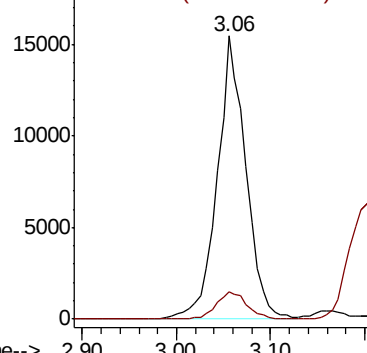
Tert butyl alcohol
 Concen: 100.943 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. -0.02 min
 Lab File: VX005944.D
 Acq: 13 Nov 2018 13:14

Instrument :
 MSVOA_X
 ClientSampled :
 VX1113WBS01

Tot Ion: 59 Resp: 33035
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.5 12.7



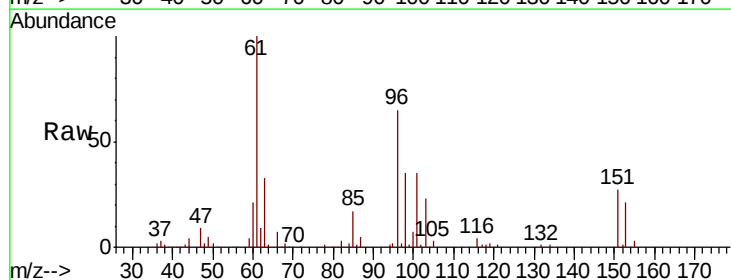
Abundance Ion 59.00 (58.70 to 59.70): VX0
 Ion 57.00 (56.70 to 57.70): VX0



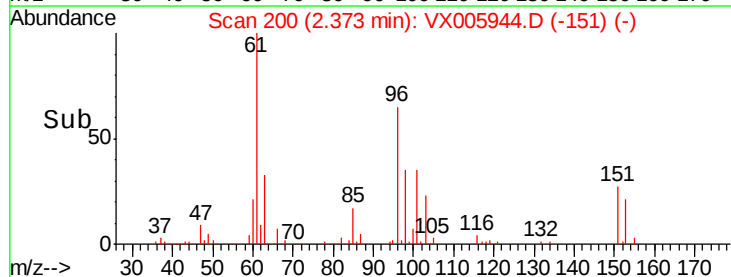
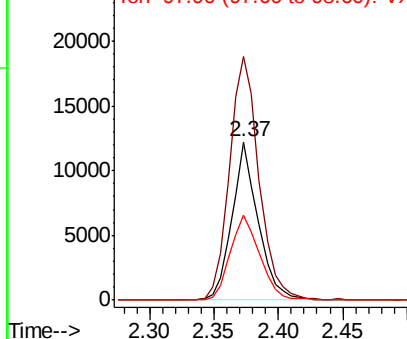
#12

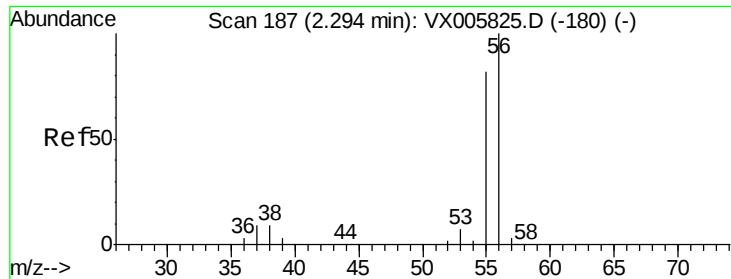
1,1-Dichloroethene
 Concen: 19.744 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005944.D
 Acq: 13 Nov 2018 13:14

Tgt Ion: 96 Resp: 17342
 Ion Ratio Lower Upper
 96 100
 61 154.1 131.8 197.8
 98 53.5 53.4 80.2



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

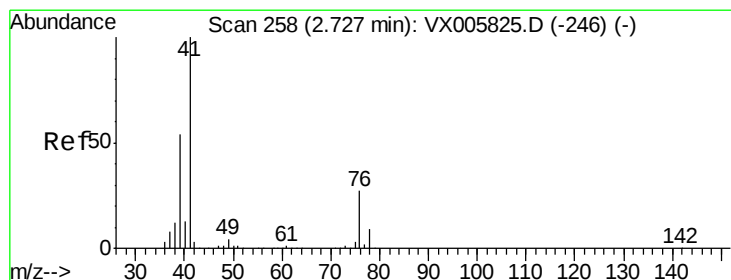
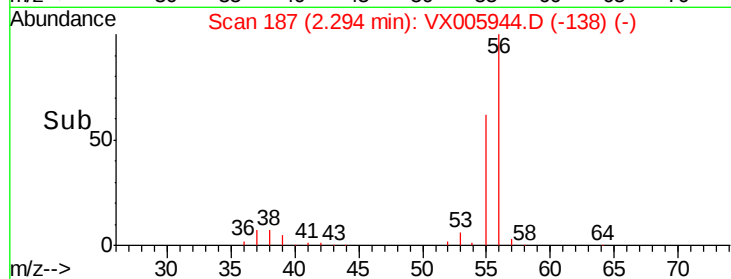
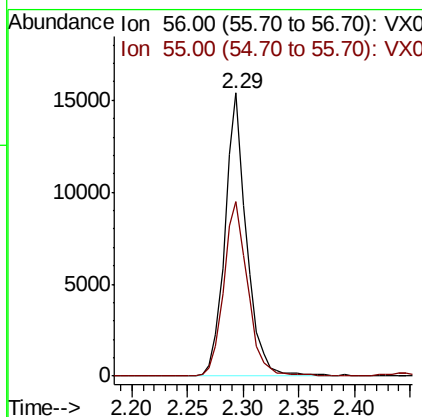
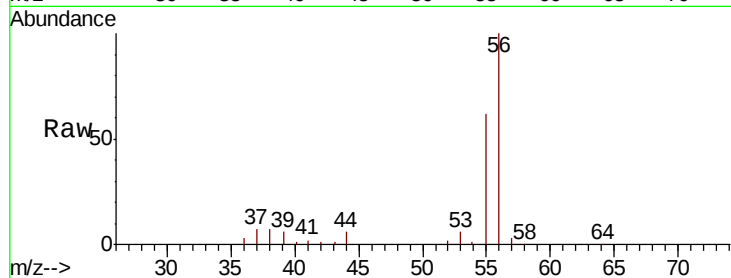




#13
 Acrolein
 Concen: 141.195 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. 0.00 min
 Lab File: VX005944.D
 Acq: 13 Nov 2018 13:14

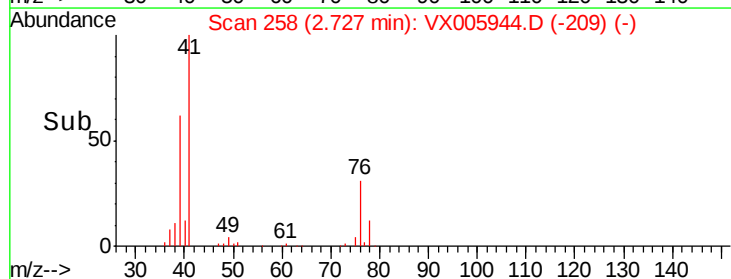
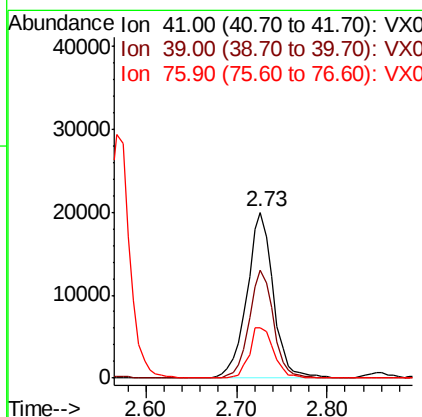
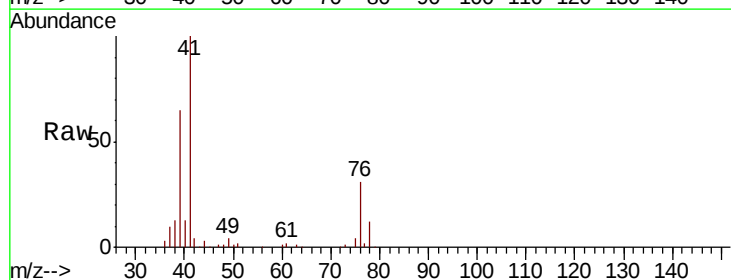
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBS01

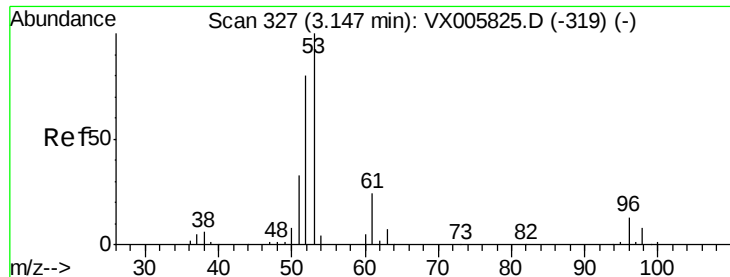
Tot Ion: 56 Resp: 20623
 Ion Ratio Lower Upper
 56 100
 55 68.8 57.3 85.9



#14
 Allyl chloride
 Concen: 20.527 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. -0.00 min
 Lab File: VX005944.D
 Acq: 13 Nov 2018 13:14

Tgt Ion: 41 Resp: 40269
 Ion Ratio Lower Upper
 41 100
 39 60.2 48.2 72.4
 76 28.2 21.9 32.9





#15

Acrylonitrile

Concen: 101.822 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005944.D

Acq: 13 Nov 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBS01

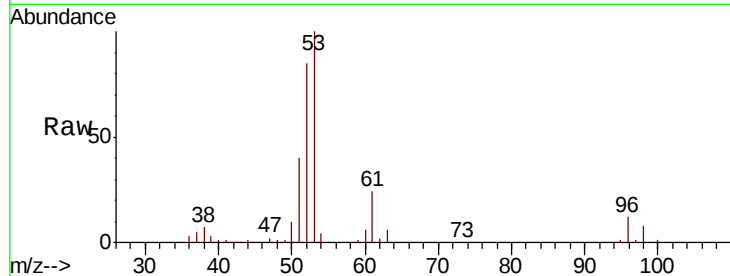
Tot Ion: 53 Resp: 69057

Ion Ratio Lower Upper

53 100

52 84.5 66.6 99.8

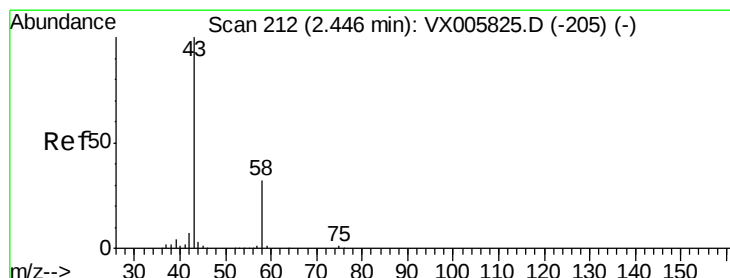
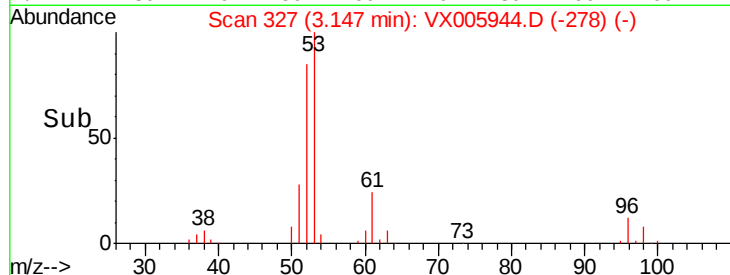
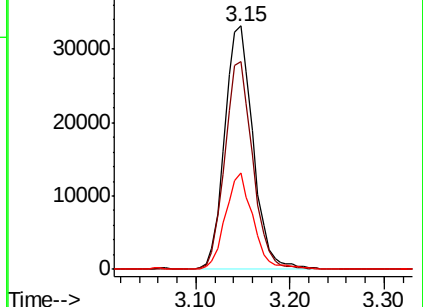
51 38.9 28.4 42.6



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: 106.744 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX005944.D

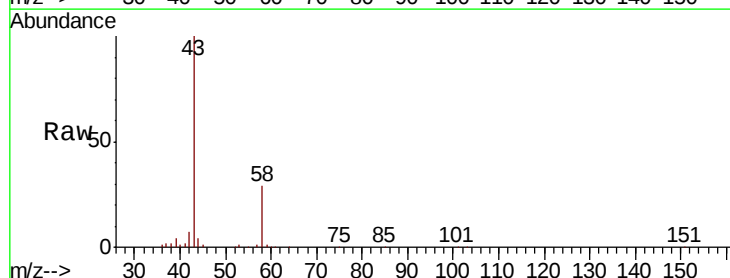
Acq: 13 Nov 2018 13:14

Tgt Ion: 43 Resp: 65659

Ion Ratio Lower Upper

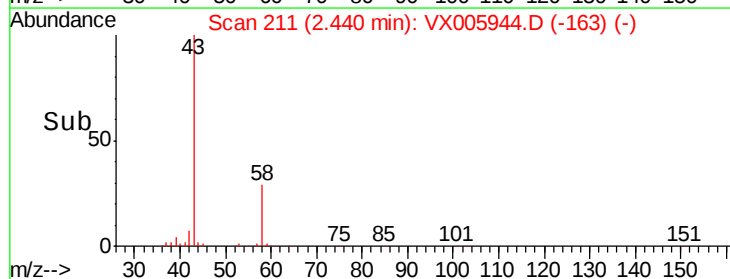
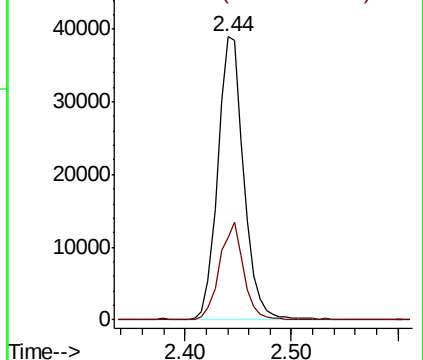
43 100

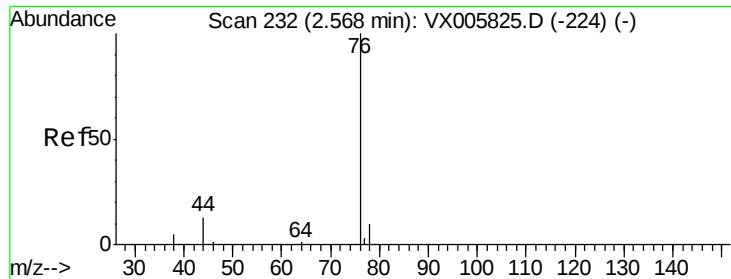
58 29.3 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

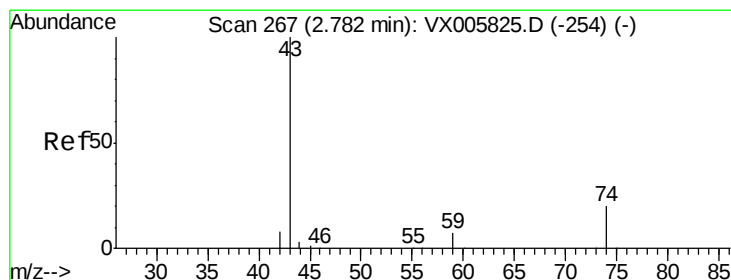
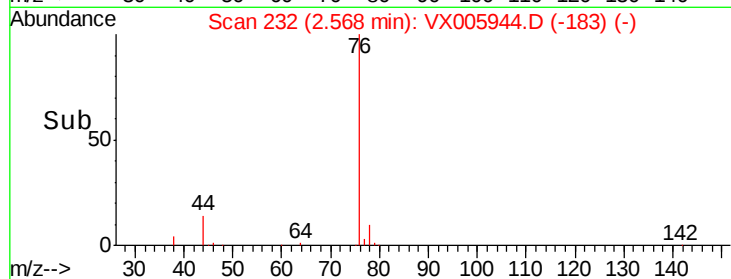
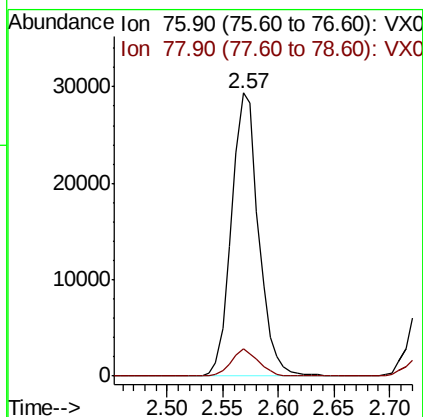
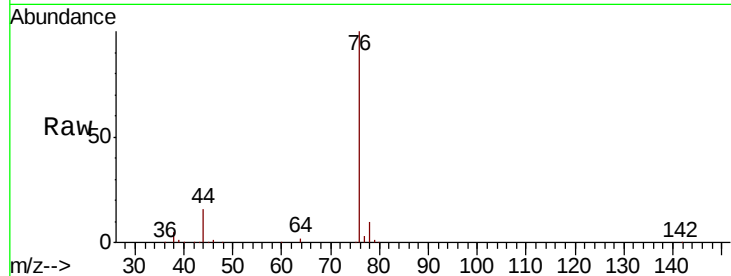




#17
Carbon Disulfide
Concen: 18.975 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005944.D
Acq: 13 Nov 2018 13:14

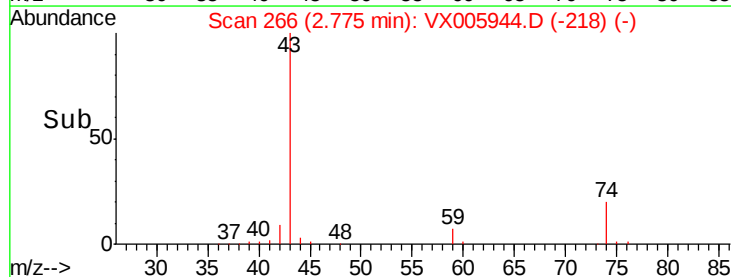
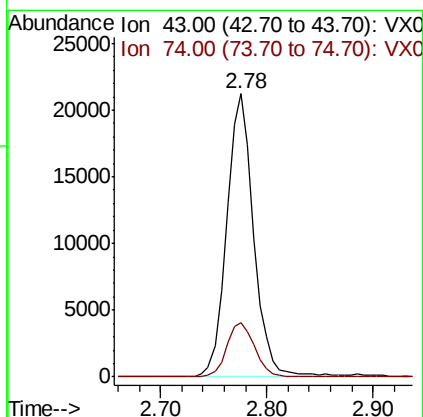
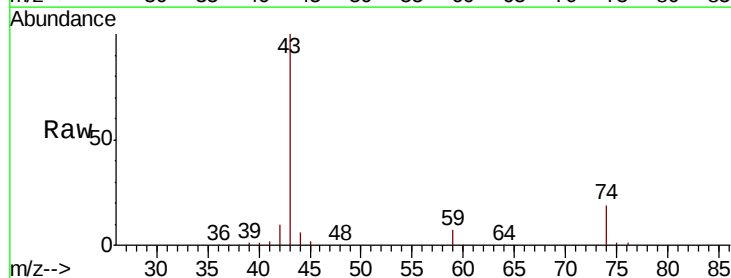
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS01

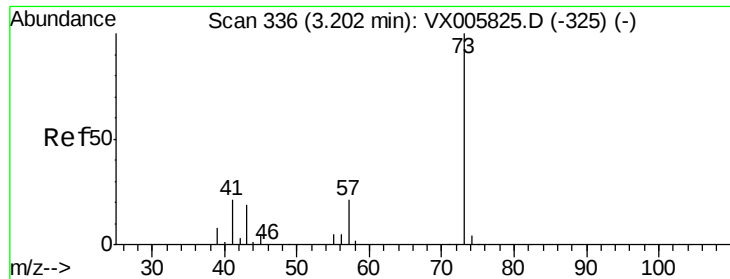
Tot Ion: 76 Resp: 49714
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#18
Methyl Acetate
Concen: 21.720 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005944.D
Acq: 13 Nov 2018 13:14

Tgt Ion: 43 Resp: 37186
Ion Ratio Lower Upper
43 100
74 20.1 16.8 25.2

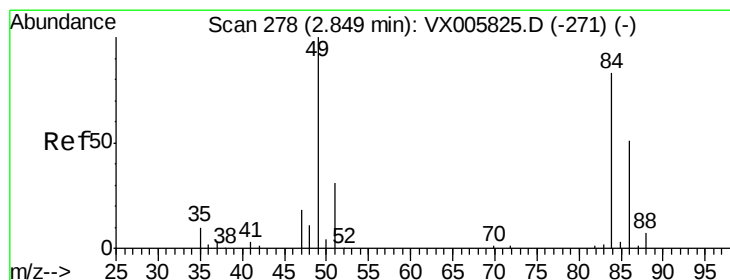
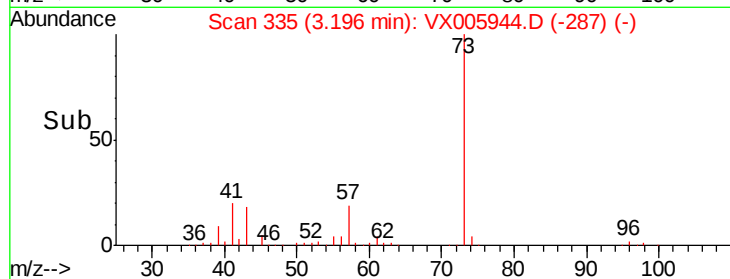
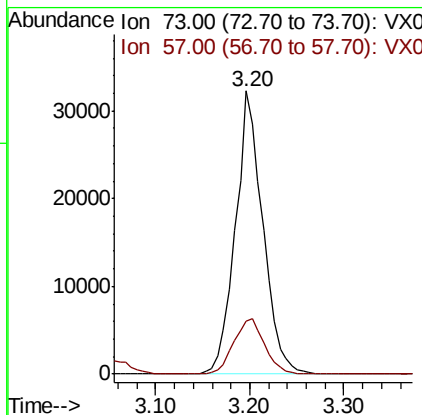
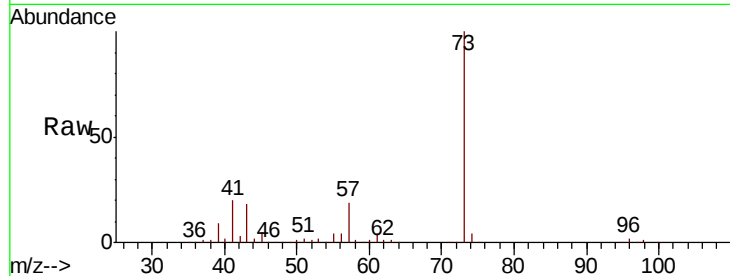




#19
Methyl tert-butyl Ether
Concen: 21.863 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.01 min
Lab File: VX005944.D
Acq: 13 Nov 2018 13:14

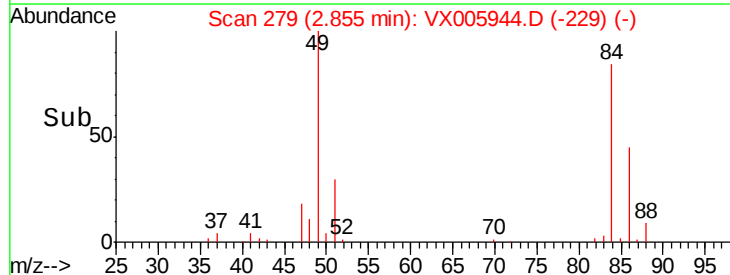
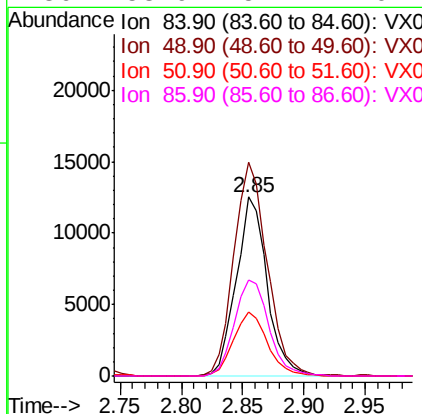
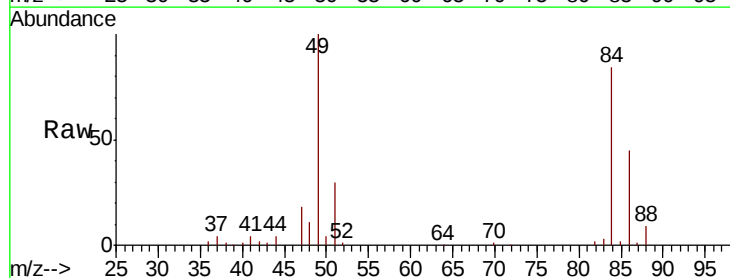
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS01

Tot Ion: 73 Resp: 65543
Ion Ratio Lower Upper
73 100
57 18.6 18.8 28.2#



#20
Methylene Chloride
Concen: 21.689 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX005944.D
Acq: 13 Nov 2018 13:14

Tgt Ion: 84 Resp: 21915
Ion Ratio Lower Upper
84 100
49 119.2 109.5 164.3
51 35.8 33.3 49.9
86 53.9 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 20.088 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX005944.D

Acq: 13 Nov 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBS01

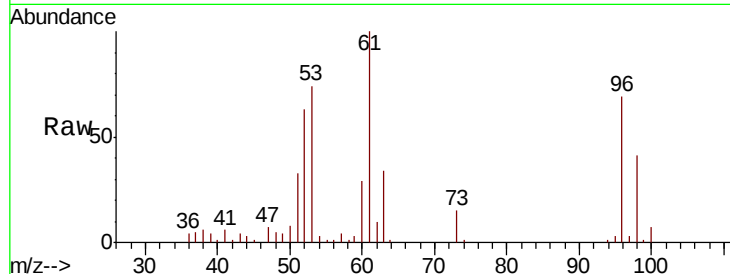
Tot Ion: 96 Resp: 18610

Ion Ratio Lower Upper

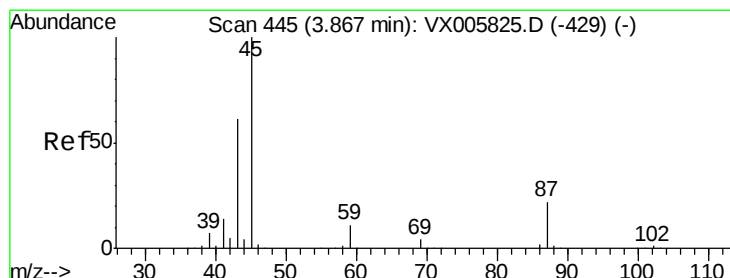
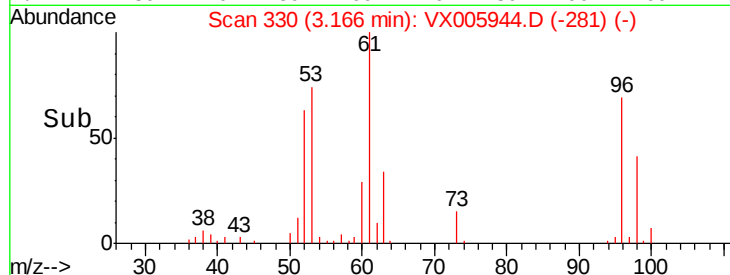
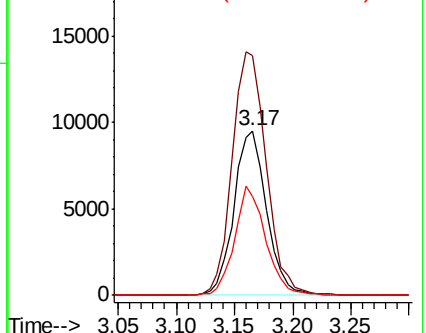
96 100

61 145.1 115.6 173.4

98 59.7 50.2 75.2



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



#22

Diisopropyl ether

Concen: 21.732 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005944.D

Acq: 13 Nov 2018 13:14

Tgt Ion: 45 Resp: 74681

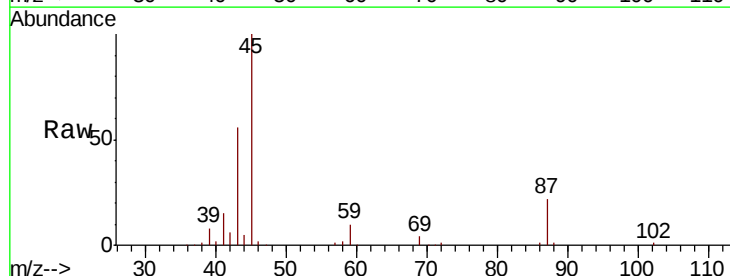
Ion Ratio Lower Upper

45 100

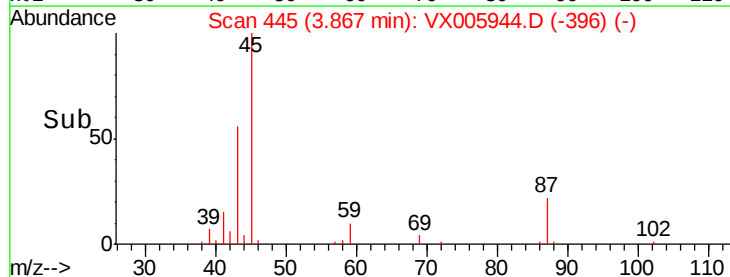
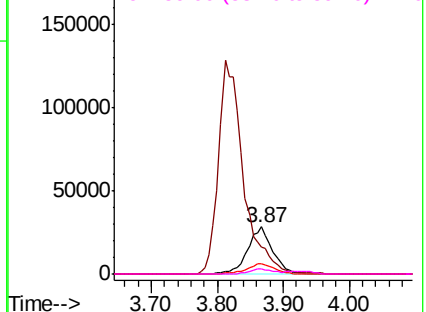
43 56.2 47.4 71.2

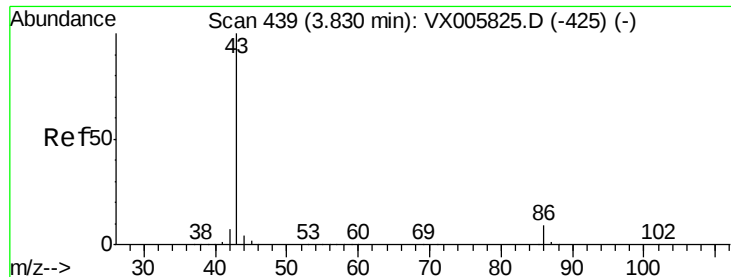
87 21.9 15.9 23.9

59 9.6 7.7 11.5



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

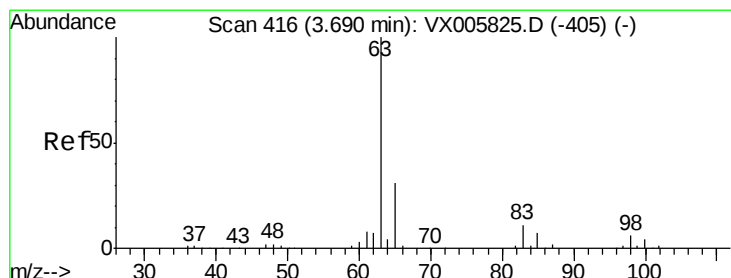
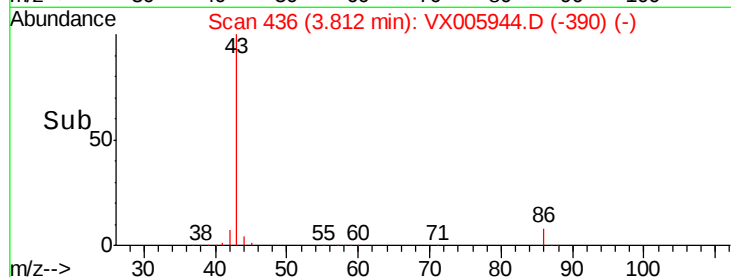
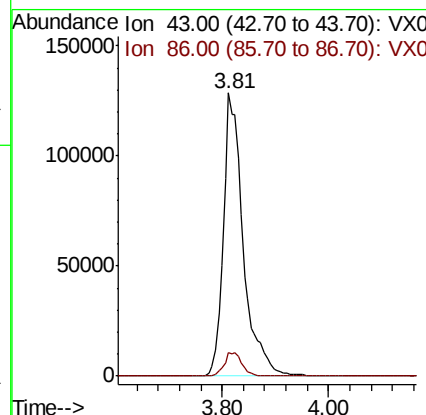
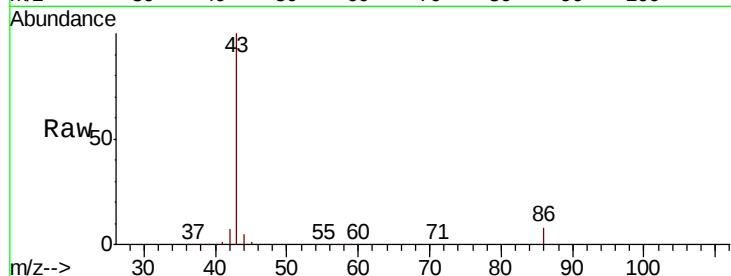




#23
 Vinyl Acetate
 Concen: 113.998 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. -0.02 min
 Lab File: VX005944.D
 Acq: 13 Nov 2018 13:14

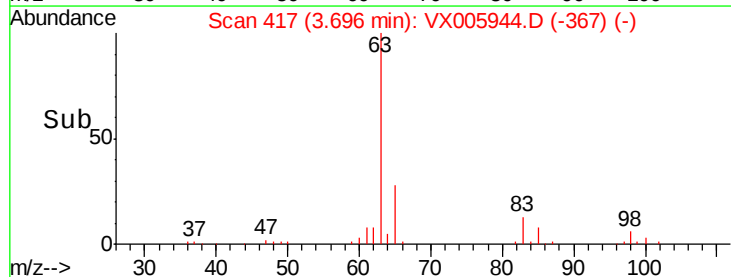
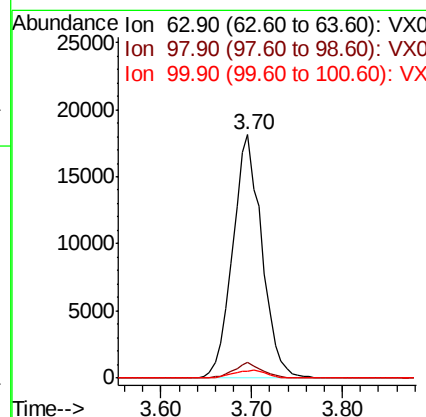
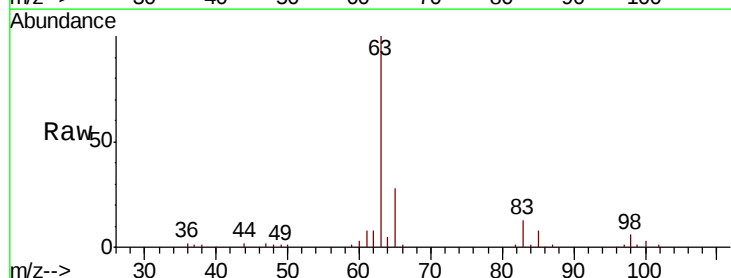
Instrument :
 MSVOA_X
 ClientSampled :
 VX1113WBS01

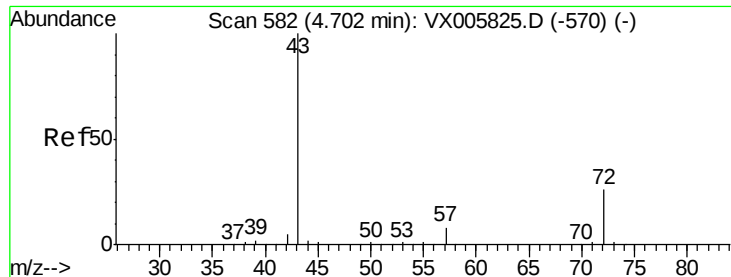
Tot Ion: 43 Resp: 335892
 Ion Ratio Lower Upper
 43 100
 86 8.3 7.4 11.2



#24
 1,1-Dichloroethane
 Concen: 22.028 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.01 min
 Lab File: VX005944.D
 Acq: 13 Nov 2018 13:14

Tgt Ion: 63 Resp: 40387
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.2 9.6
 100 3.0 2.1 6.2





#25

2-Butanone

Concen: 110.206 ug/l

RT: 4.69 min Scan# 580

Delta R.T. -0.01 min

Lab File: VX005944.D

Acq: 13 Nov 2018 13:14

Instrument :

MSVOA_X

ClientSampled :

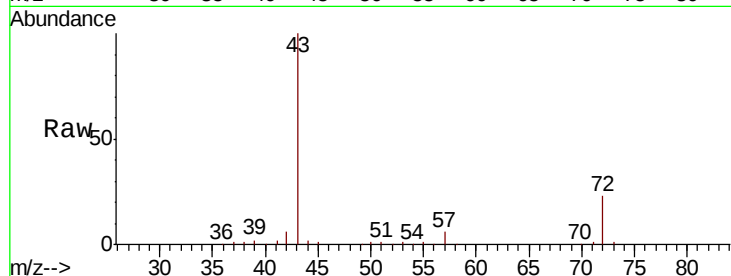
VX1113WBS01

Tot Ion: 43 Resp: 106575

Ion Ratio Lower Upper

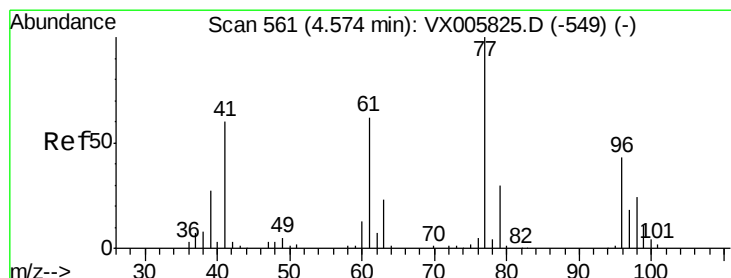
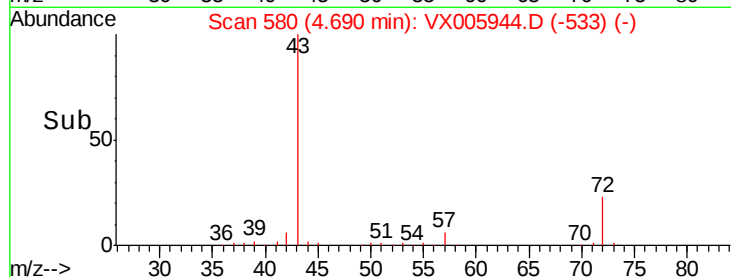
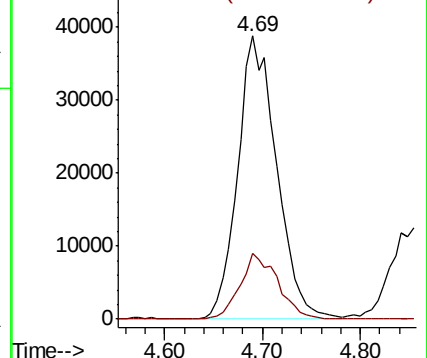
43 100

72 23.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 21.569 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005944.D

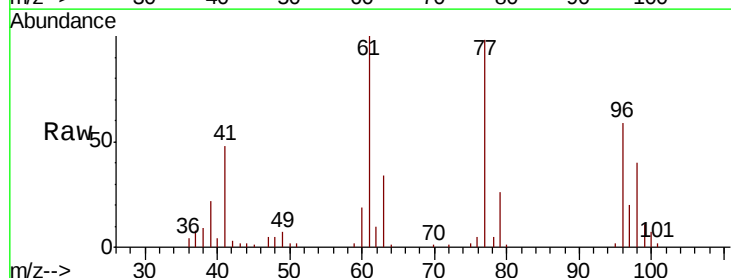
Acq: 13 Nov 2018 13:14

Tgt Ion: 77 Resp: 29008

Ion Ratio Lower Upper

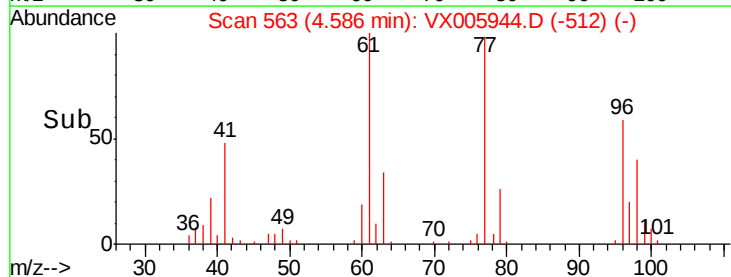
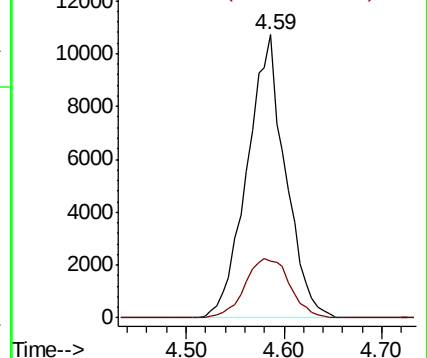
77 100

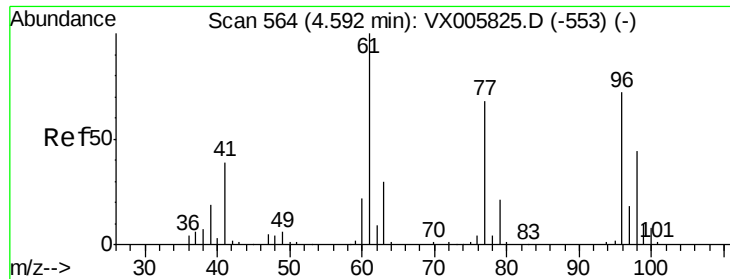
97 24.6 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

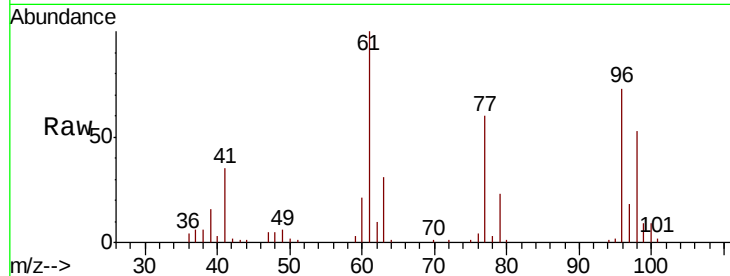




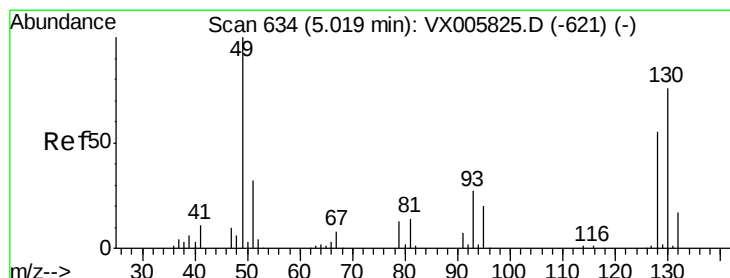
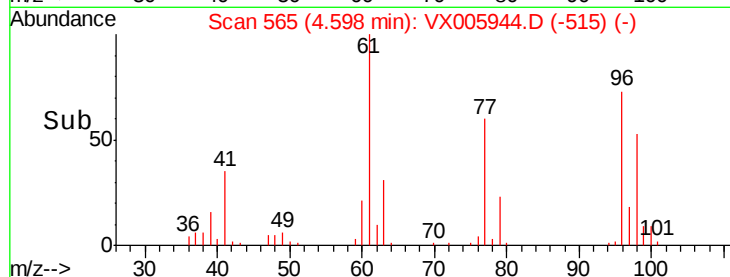
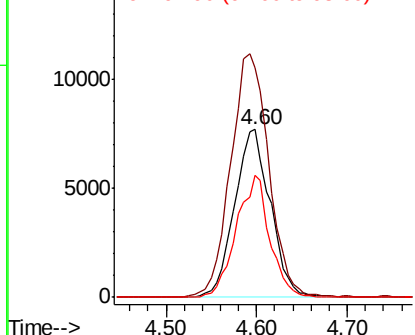
#27
 cis-1,2-Dichloroethene
 Concen: 20.627 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX005944.D
 Acq: 13 Nov 2018 13:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBS01

Tot Ion: 96 Resp: 21101
 Ion Ratio Lower Upper
 96 100
 61 154.3 0.0 304.6
 98 67.2 0.0 127.4

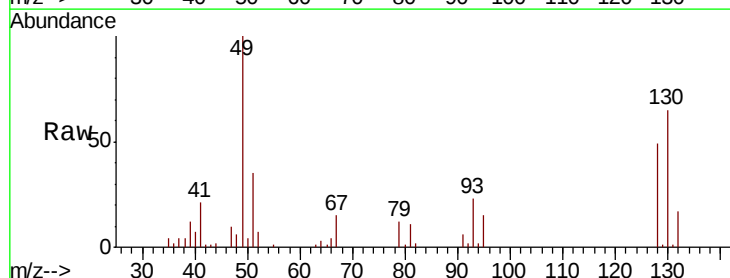


Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0

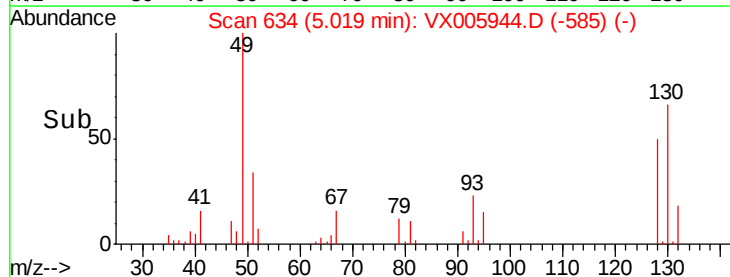
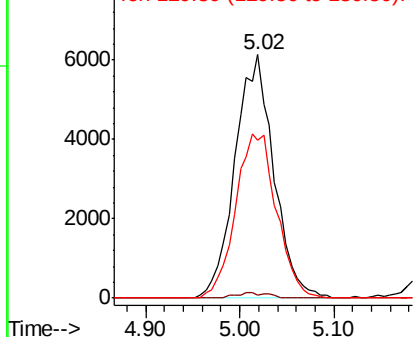


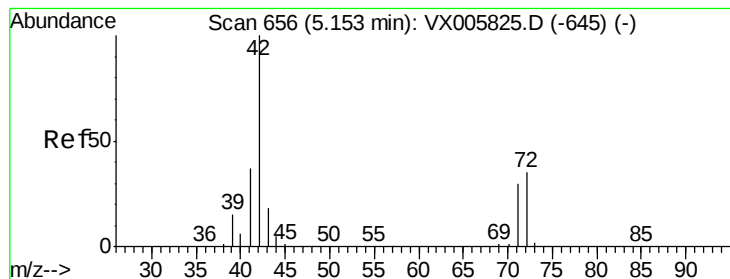
#28
 Bromochloromethane
 Concen: 21.533 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX005944.D
 Acq: 13 Nov 2018 13:14

Tgt Ion: 49 Resp: 17644
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.0
 130 71.3 58.9 88.3



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





#29

Tetrahydrofuran

Concen: 105.452 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX005944.D

Acq: 13 Nov 2018 13:14

Instrument :

MSVOA_X

ClientSampled :

VX1113WBS01

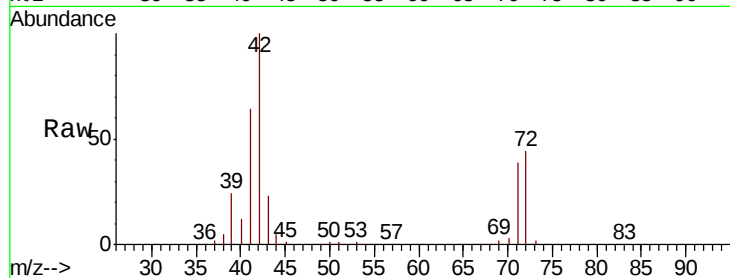
Tot Ion: 42 Resp: 65477

Ion Ratio Lower Upper

42 100

72 40.9 32.0 48.0

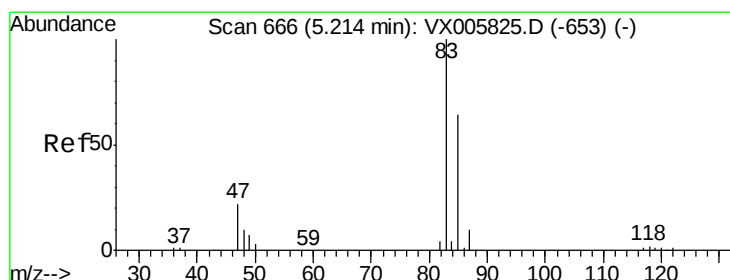
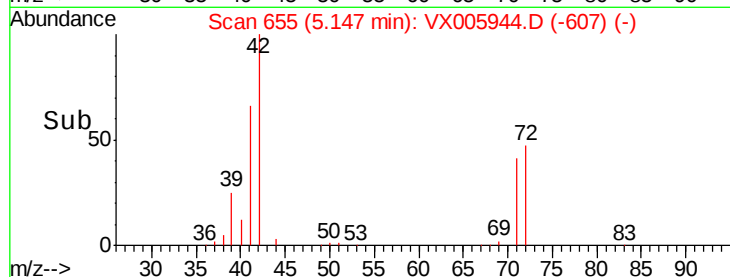
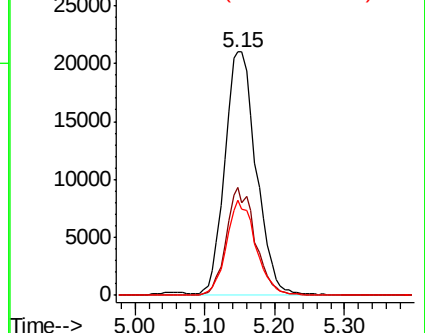
71 36.3 29.8 44.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 21.146 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX005944.D

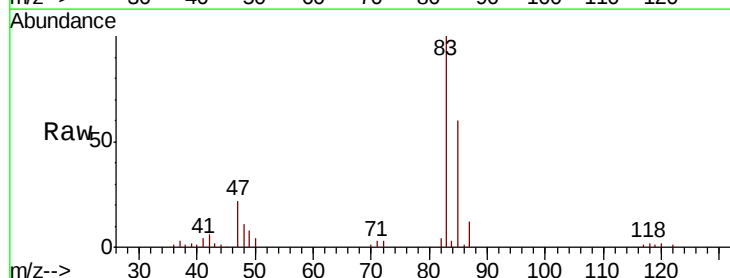
Acq: 13 Nov 2018 13:14

Tgt Ion: 83 Resp: 37404

Ion Ratio Lower Upper

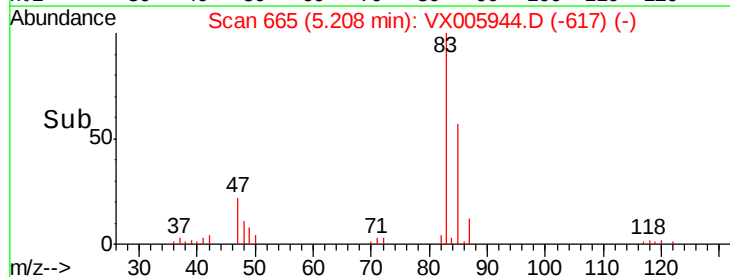
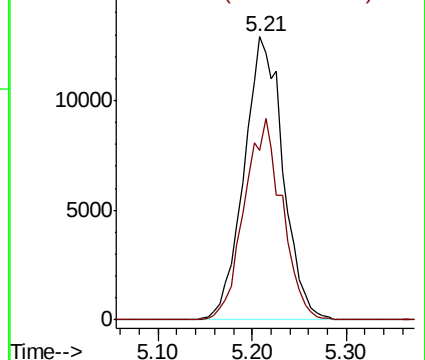
83 100

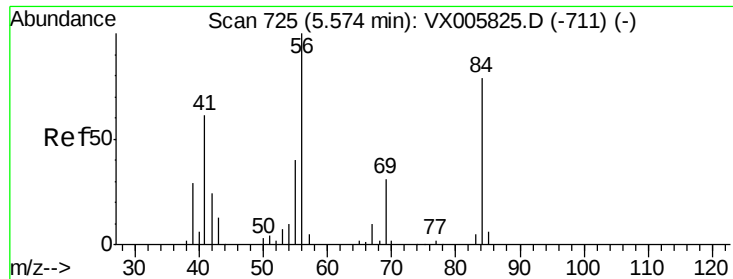
85 60.1 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

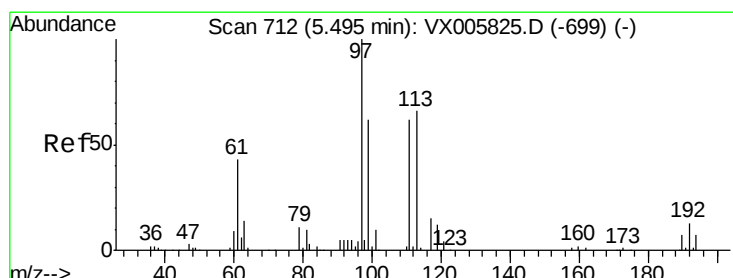
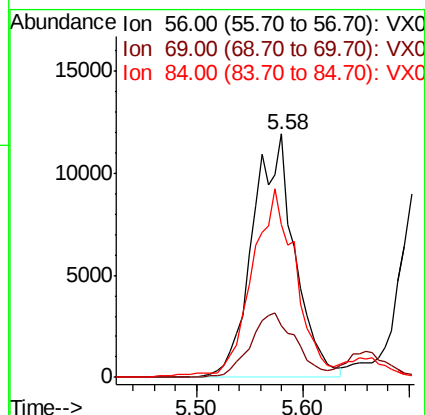
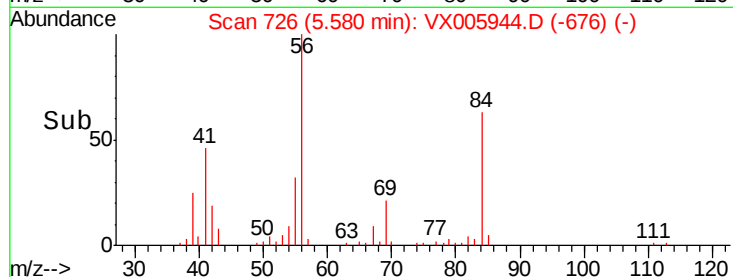
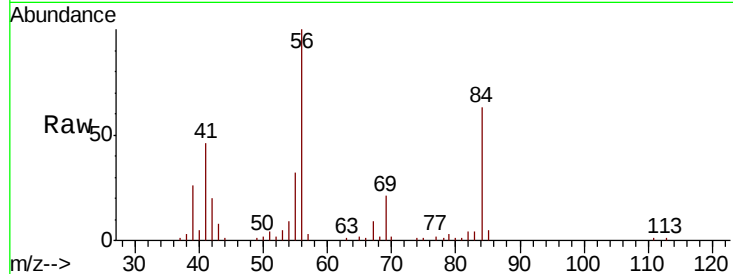




#31
Cvclohexane
Concen: 20.752 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX005944.D
Acq: 13 Nov 2018 13:14

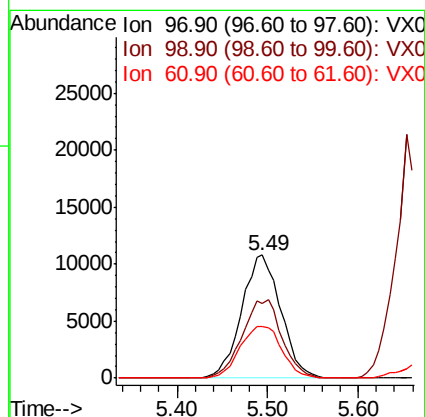
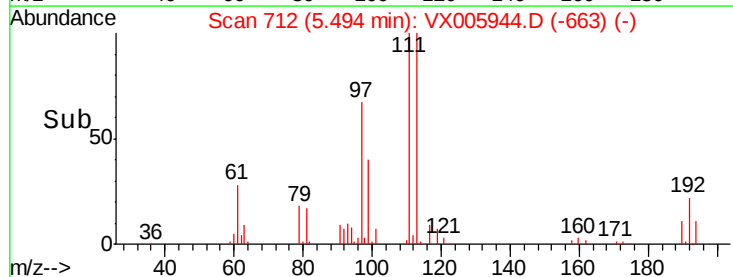
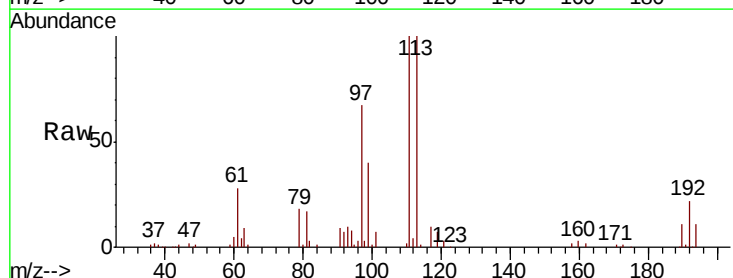
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS01

Tot Ion: 56 Resp: 33027
Ion Ratio Lower Upper
56 100
69 21.4 22.6 34.0#
84 61.5 62.7 94.1#



#32
1,1,1-Trichloroethane
Concen: 21.878 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX005944.D
Acq: 13 Nov 2018 13:14

Tgt Ion: 97 Resp: 32278
Ion Ratio Lower Upper
97 100
99 64.5 52.3 78.5
61 45.5 35.2 52.8

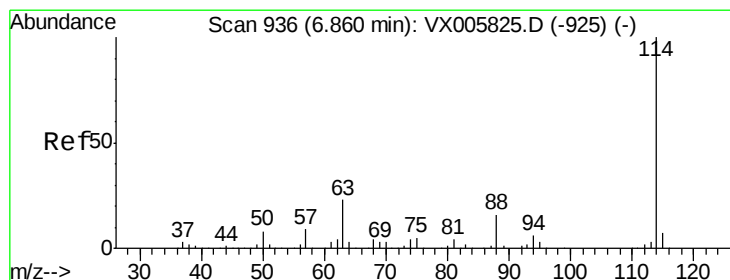
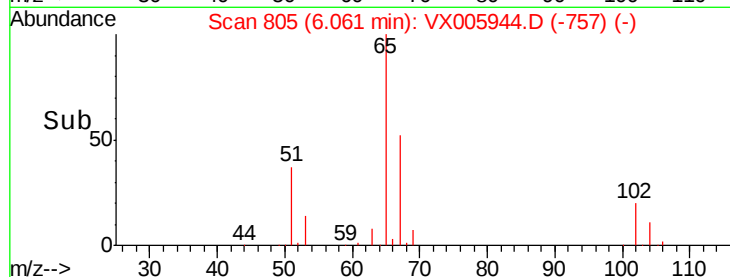
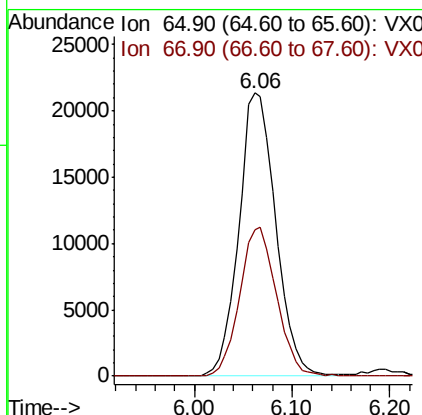
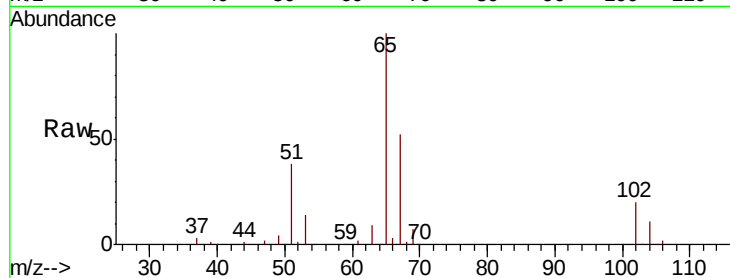




#33
 1,2-Dichloroethane-d4
 Concen: 49.027 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005944.D
 Acq: 13 Nov 2018 13:14

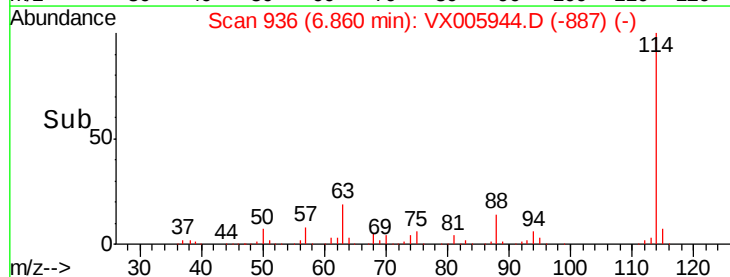
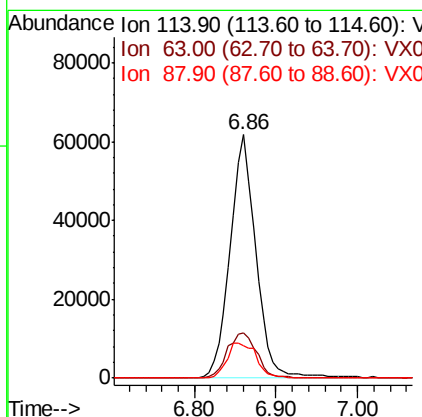
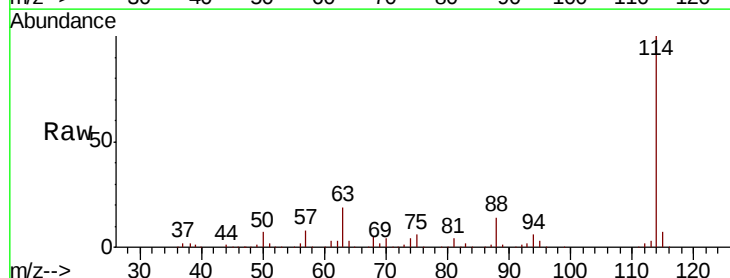
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBS01

Tot Ion: 65 Resp: 56009
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005944.D
 Acq: 13 Nov 2018 13:14

Tgt Ion: 114 Resp: 134804
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 42.8
 88 13.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 54.385 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX005944.D

Acq: 13 Nov 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBS01

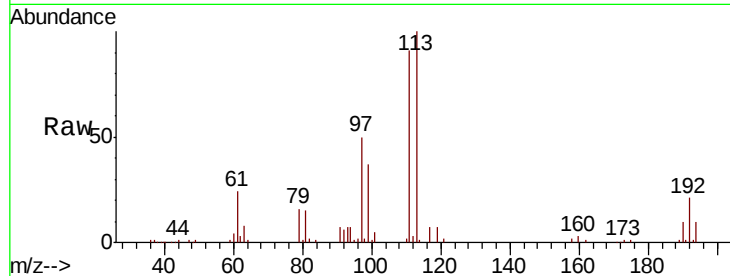
Tot Ion:113 Resp: 49864

Ion Ratio Lower Upper

113 100

111 99.3 82.3 123.5

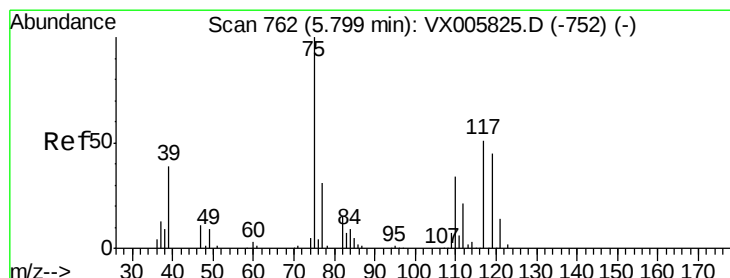
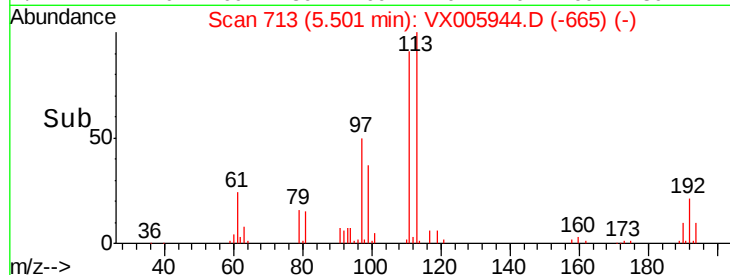
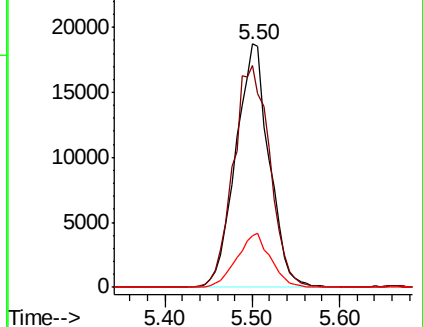
192 21.9 17.9 26.9



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: 19.492 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX005944.D

Acq: 13 Nov 2018 13:14

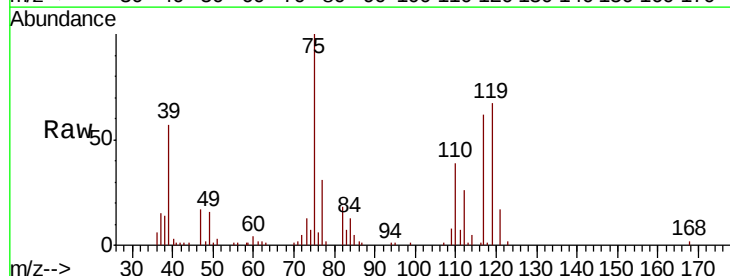
Tgt Ion: 75 Resp: 25331

Ion Ratio Lower Upper

75 100

110 36.0 17.4 52.2

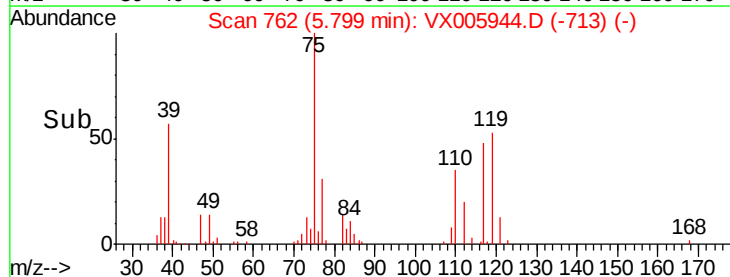
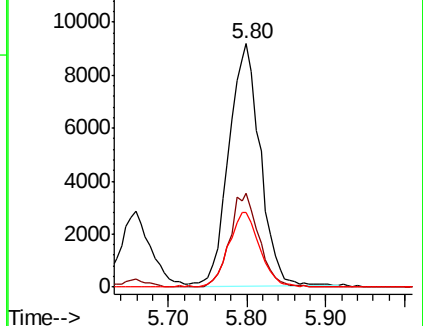
77 30.7 25.8 38.6

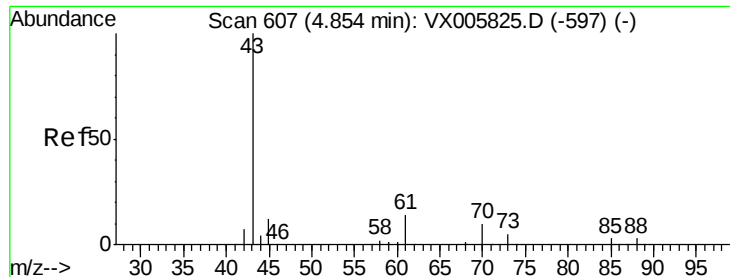


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

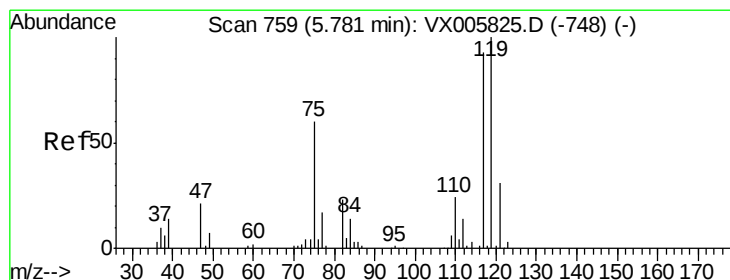
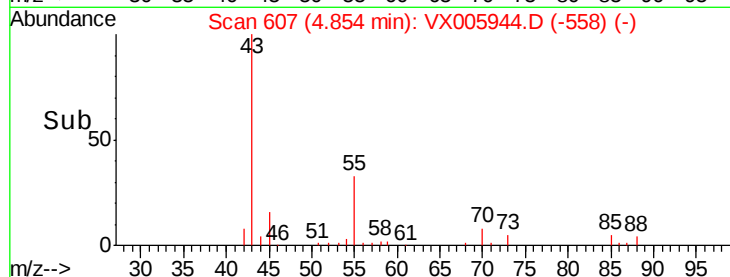
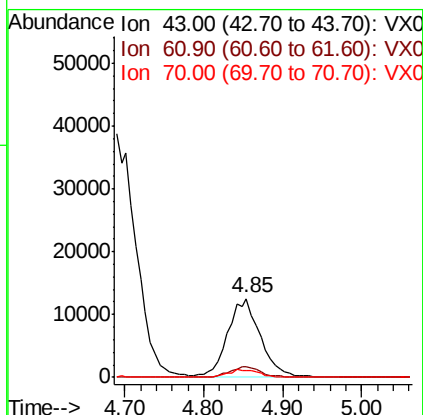
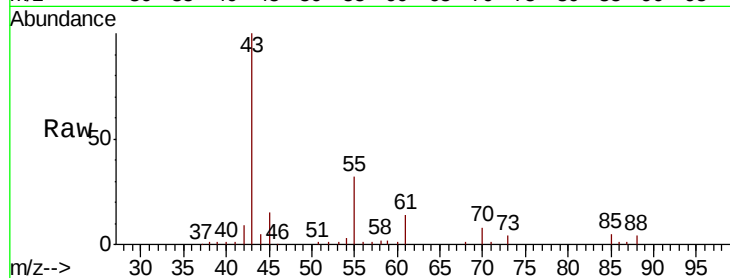




#37
Ethyl Acetate
Concen: 20.959 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX005944.D
Acq: 13 Nov 2018 13:14

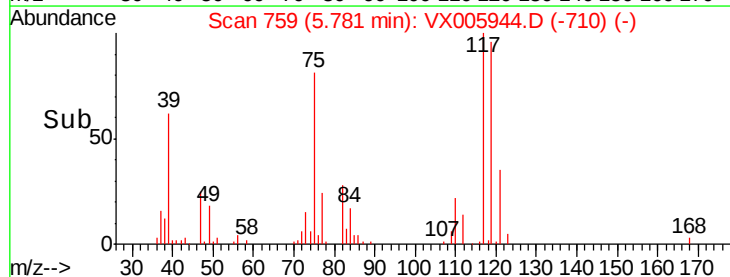
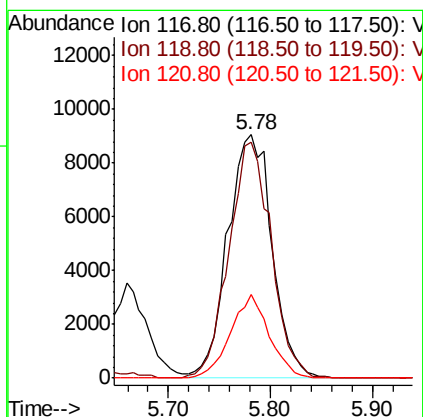
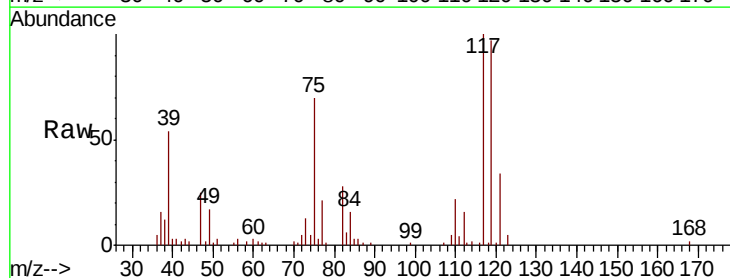
Instrument :
MSVOA_X
ClientSampled :
VX1113WBS01

Tot Ion: 43 Resp: 35818
Ion Ratio Lower Upper
43 100
61 13.3 10.8 16.2
70 9.5 7.8 11.8



#38
Carbon Tetrachloride
Concen: 21.011 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005944.D
Acq: 13 Nov 2018 13:14

Tgt Ion: 117 Resp: 27335
Ion Ratio Lower Upper
117 100
119 97.0 78.1 117.1
121 34.3 24.6 36.8

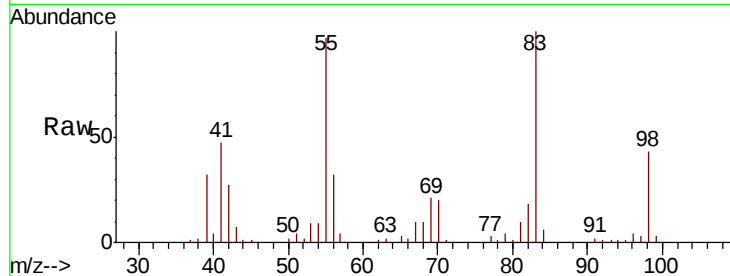




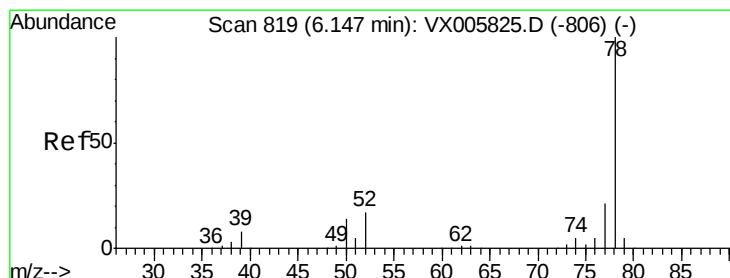
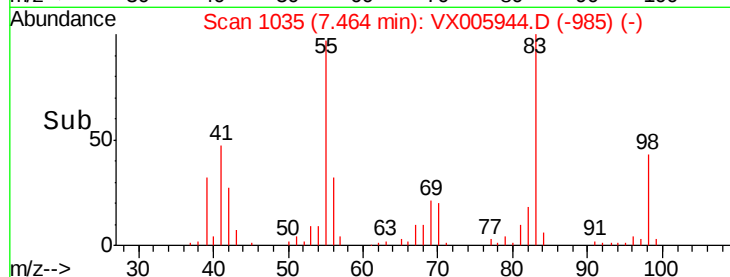
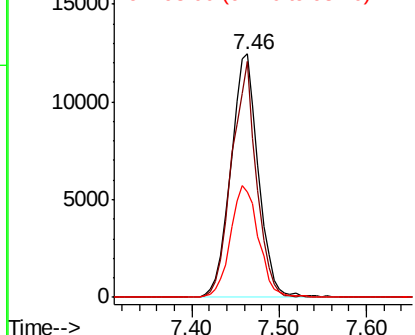
#39
Methvlcvclohexane
Concen: 20.678 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005944.D
Acq: 13 Nov 2018 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS01

Tot Ion: 83 Resp: 27236
Ion Ratio Lower Upper
83 100
55 97.2 63.7 95.5#
98 43.2 36.2 54.2

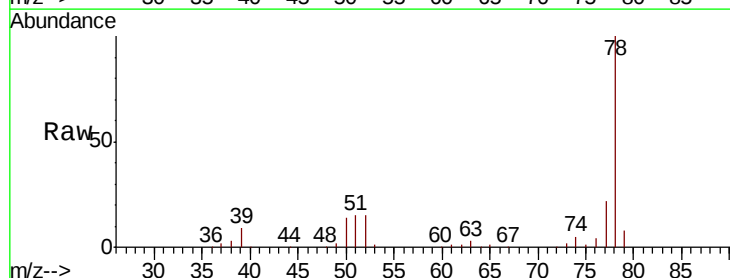


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

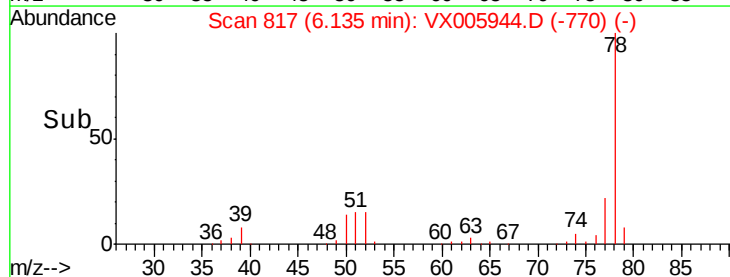
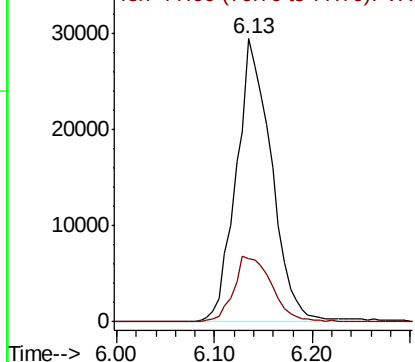


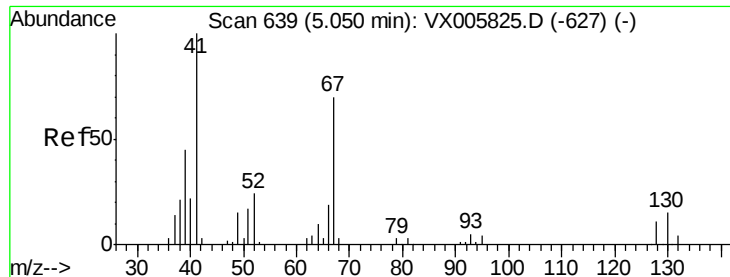
#40
Benzene
Concen: 19.377 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX005944.D
Acq: 13 Nov 2018 13:14

Tgt Ion: 78 Resp: 73409
Ion Ratio Lower Upper
78 100
77 22.4 18.4 27.6



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





#41

Methacrylonitrile

Concen: 21.127 ug/l

RT: 5.05 min Scan# 639

Delta R.T. -0.00 min

Lab File: VX005944.D

Acq: 13 Nov 2018 13:14

Instrument :

MSVOA_X

ClientSampled :

VX1113WBS01

Tot Ion: 41 Resp: 19509

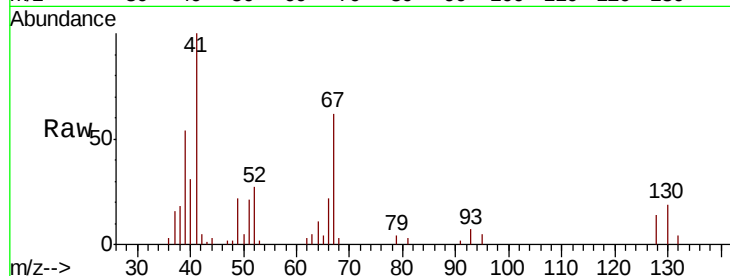
Ion Ratio Lower Upper

41 100

39 53.2 42.2 63.2

67 67.1 53.4 80.0

52 30.8 23.4 35.2

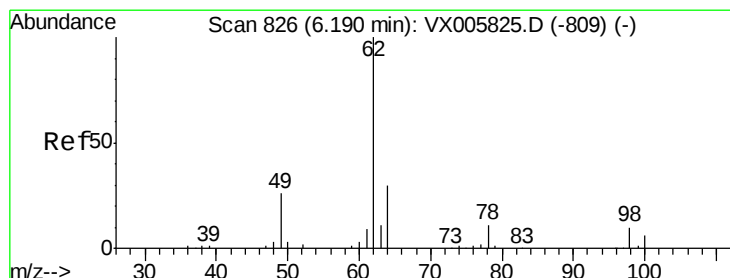
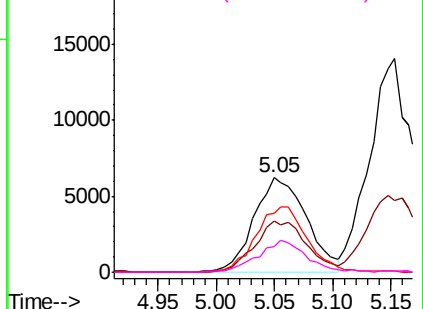
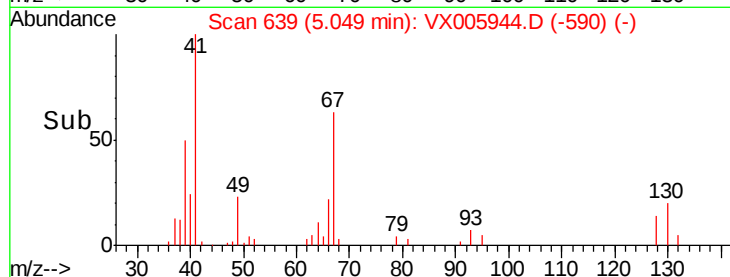


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.706 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX005944.D

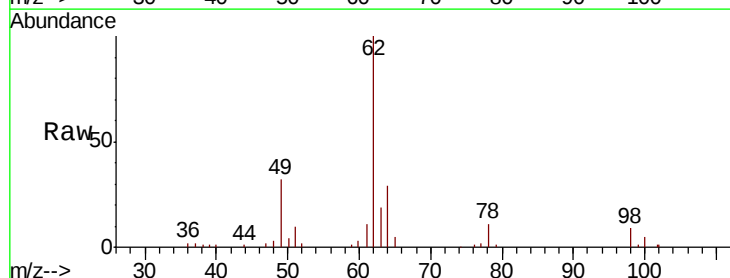
Acq: 13 Nov 2018 13:14

Tgt Ion: 62 Resp: 28096

Ion Ratio Lower Upper

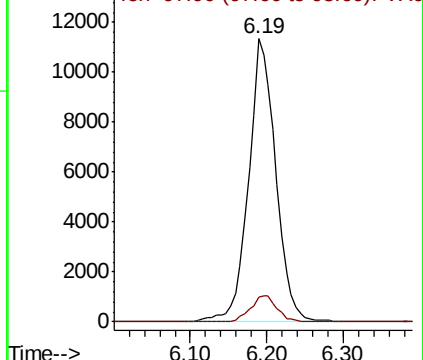
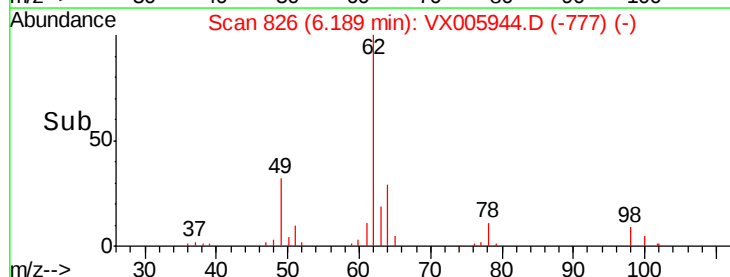
62 100

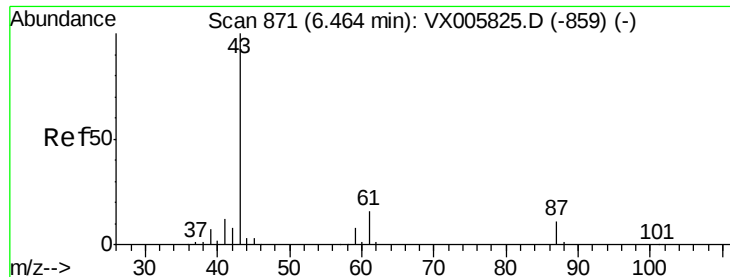
98 9.0 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



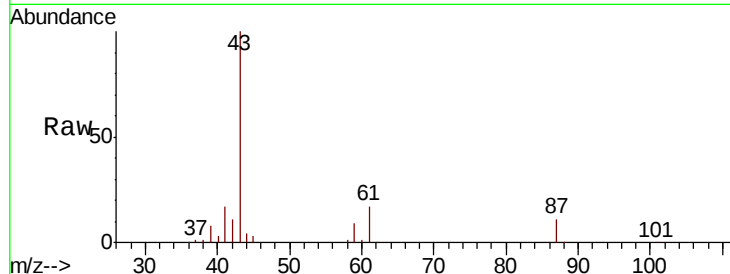


#43

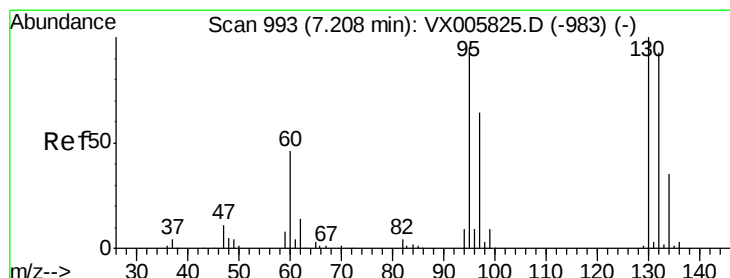
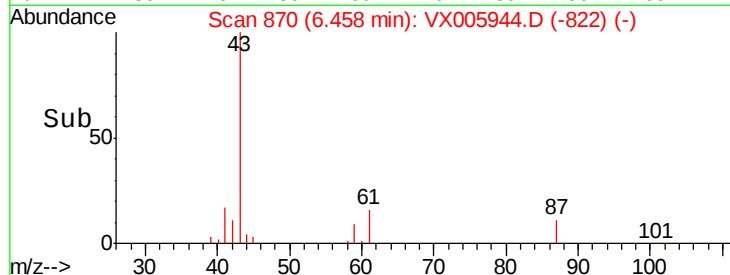
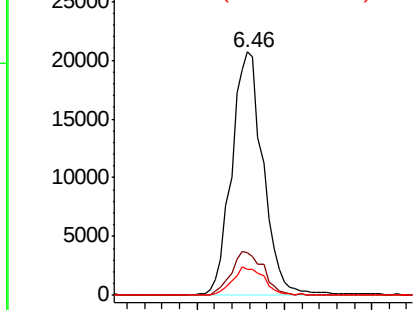
Isopropyl Acetate
 Concen: 21.026 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX005944.D
 Acq: 13 Nov 2018 13:14

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1113WBS01

Tot Ion: 43 Resp: 52065
 Ion Ratio Lower Upper
 43 100
 61 18.4 14.6 22.0
 87 11.7 9.6 14.4



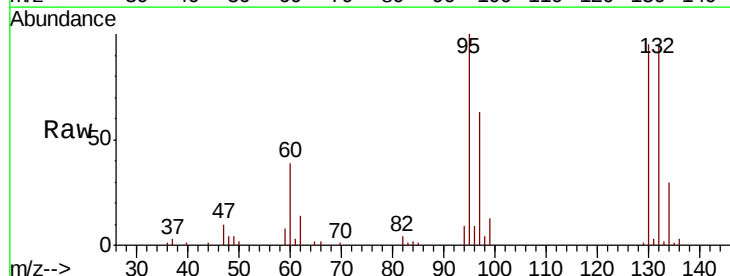
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



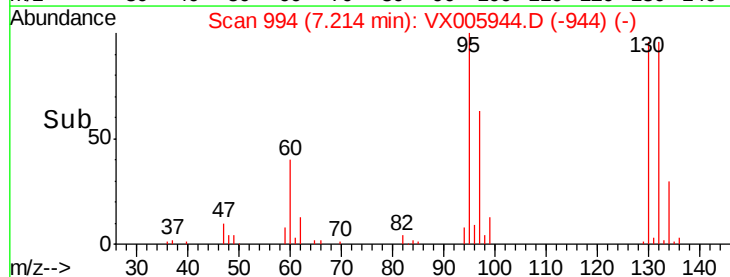
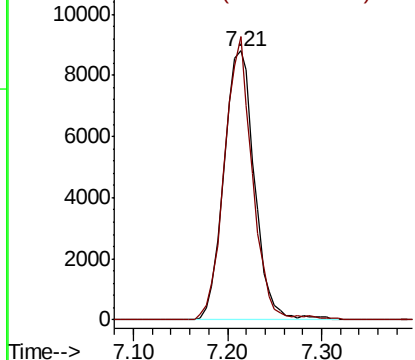
#44

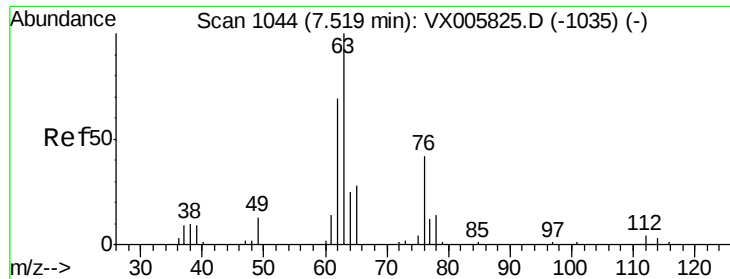
Trichloroethene
 Concen: 20.662 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX005944.D
 Acq: 13 Nov 2018 13:14

Tgt Ion:130 Resp: 19879
 Ion Ratio Lower Upper
 130 100
 95 105.2 0.0 194.2



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

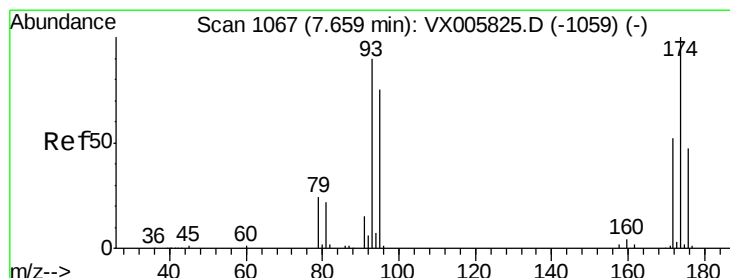
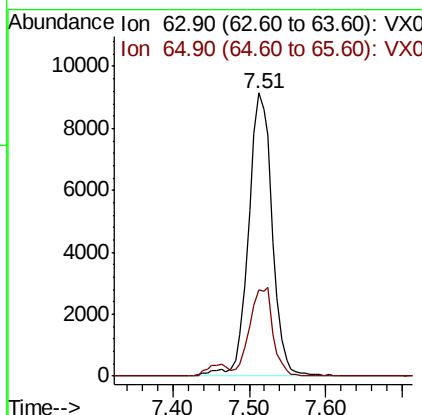
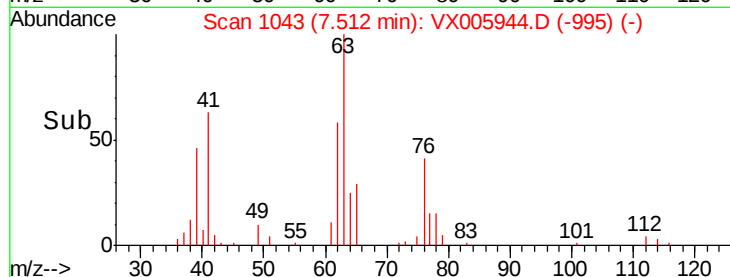
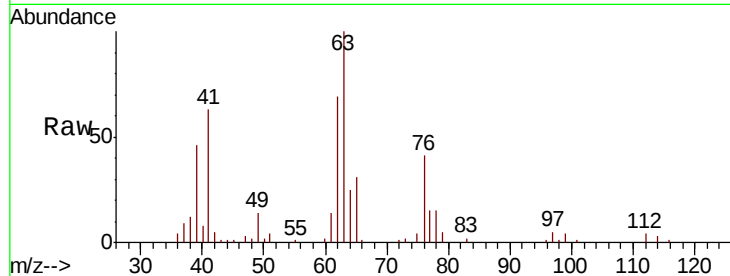




#45
 1,2-Dichloropropane
 Concen: 21.499 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX005944.D
 Acq: 13 Nov 2018 13:14

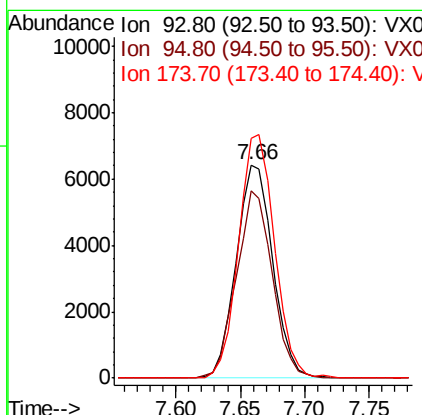
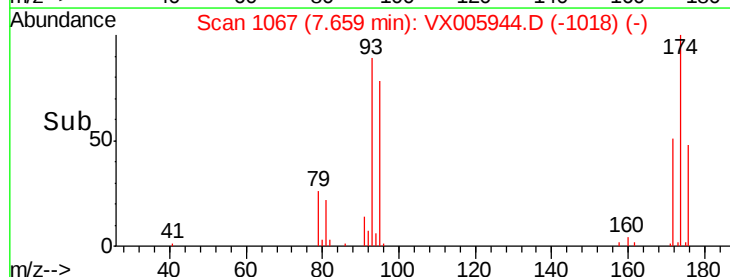
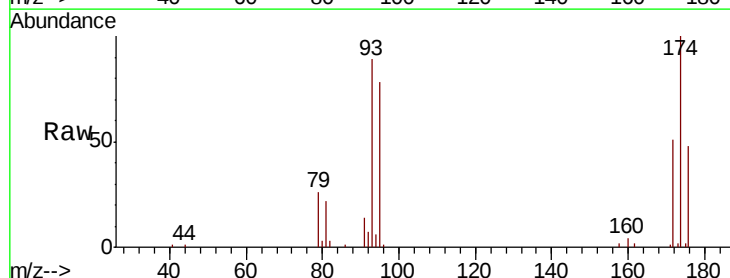
Instrument :
 MSVOA_X
 ClientSampled :
 VX1113WBS01

Tot Ion: 63 Resp: 19769
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.8 37.2



#46
 Dibromomethane
 Concen: 21.847 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX005944.D
 Acq: 13 Nov 2018 13:14

Tgt Ion: 93 Resp: 12606
 Ion Ratio Lower Upper
 93 100
 95 86.3 67.4 101.0
 174 112.6 91.5 137.3





#47

Bromodichloromethane

Concen: 24.673 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX005944.D

Acq: 13 Nov 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBS01

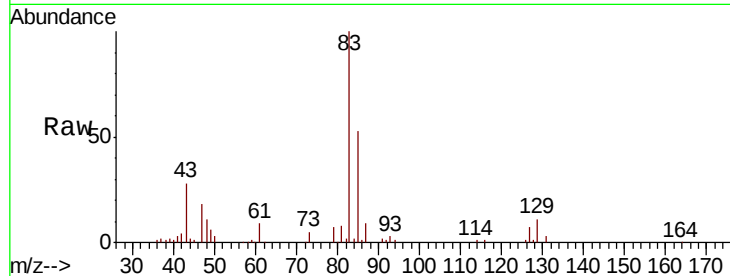
Tot Ion: 83 Resp: 26905

Ion Ratio Lower Upper

83 100

85 52.7 50.2 75.4

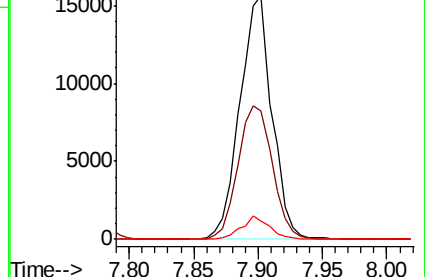
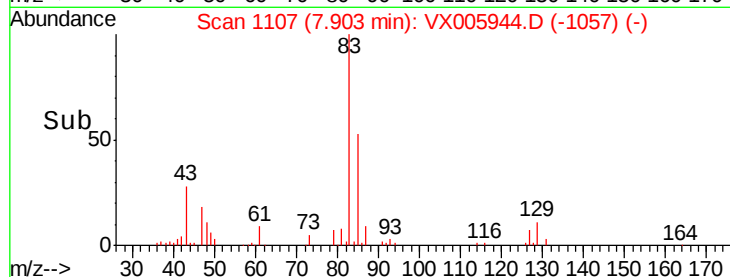
127 7.3 6.9 10.3



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: 21.703 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005944.D

Acq: 13 Nov 2018 13:14

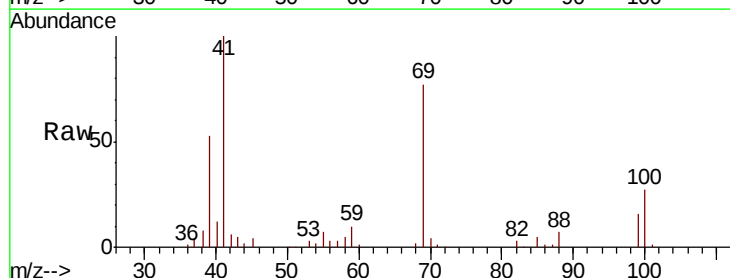
Tgt Ion: 41 Resp: 24131

Ion Ratio Lower Upper

41 100

69 77.3 63.2 94.8

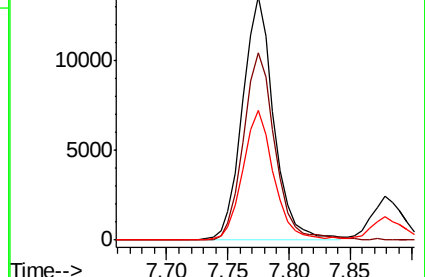
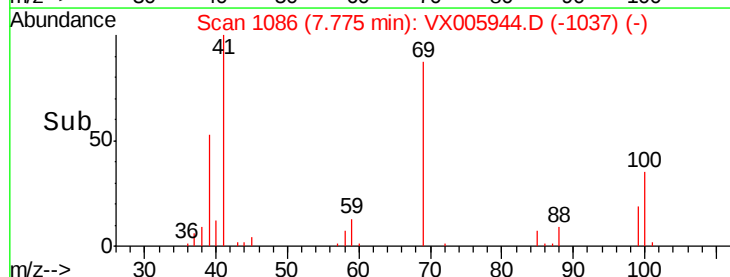
39 52.9 42.2 63.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

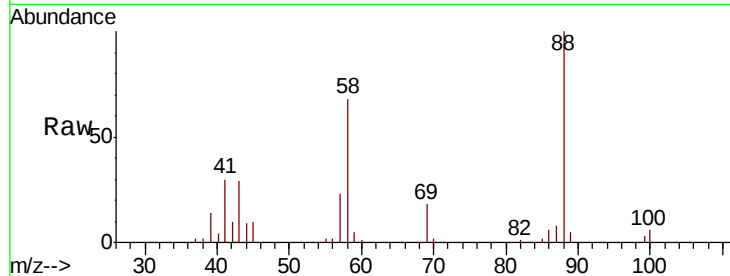




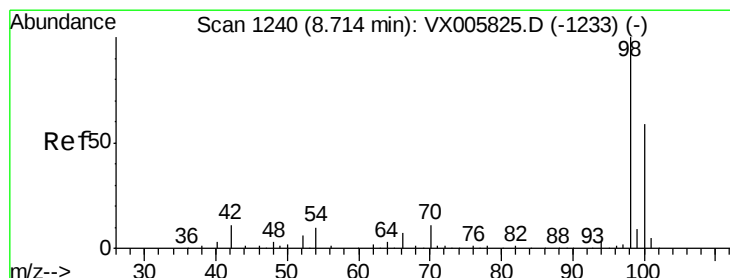
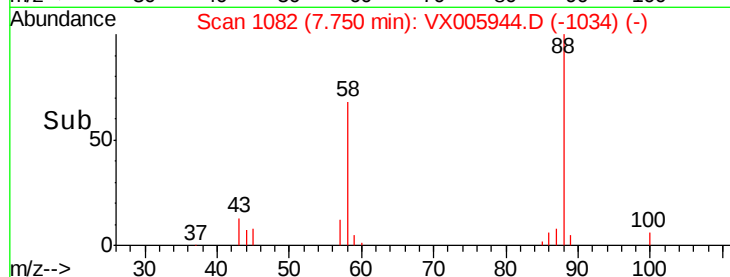
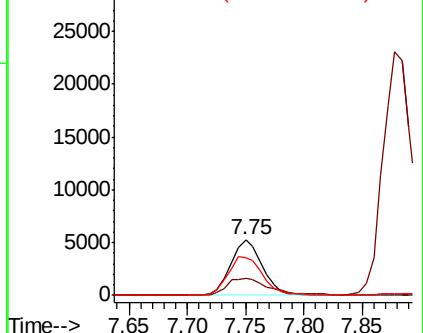
#49
1,4-Dioxane
Concen: 415.075 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005944.D
Acq: 13 Nov 2018 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS01

Tot Ion: 88 Resp: 9945
Ion Ratio Lower Upper
88 100
43 42.8 27.4 41.0#
58 76.2 59.4 89.2

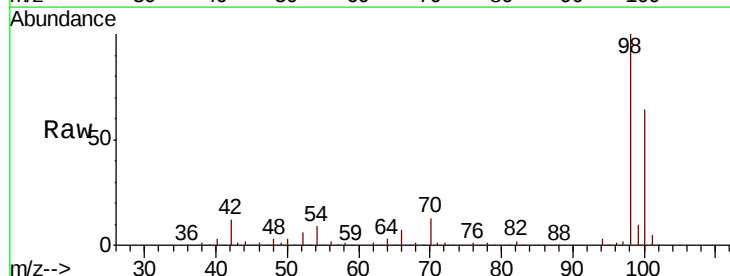


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

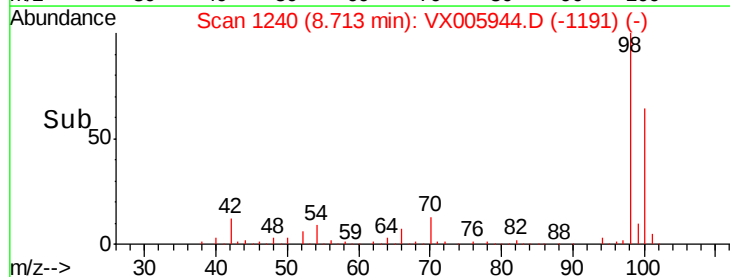
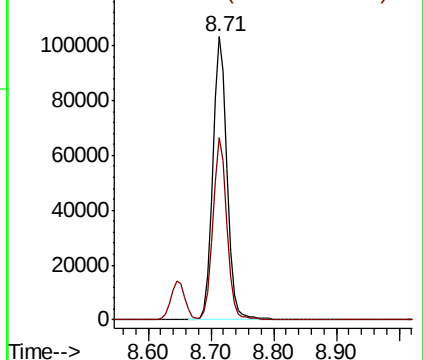


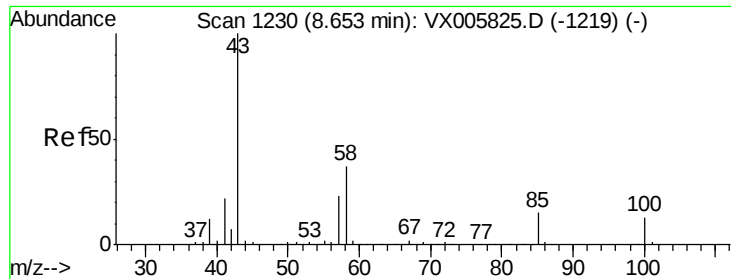
#50
Toluene-d8
Concen: 53.113 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005944.D
Acq: 13 Nov 2018 13:14

Tgt Ion: 98 Resp: 161898
Ion Ratio Lower Upper
98 100
100 63.8 51.3 76.9



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: 106.419 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005944.D

Acq: 13 Nov 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

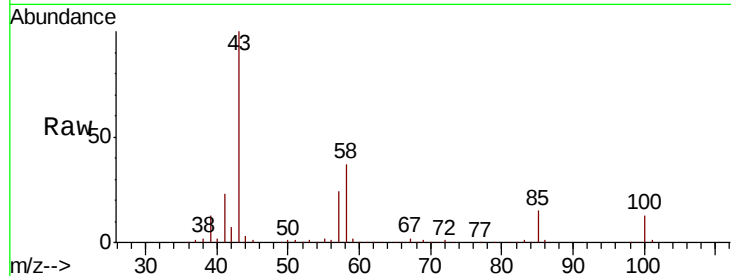
VX1113WBS01

Tot Ion: 43 Resp: 166081

Ion Ratio Lower Upper

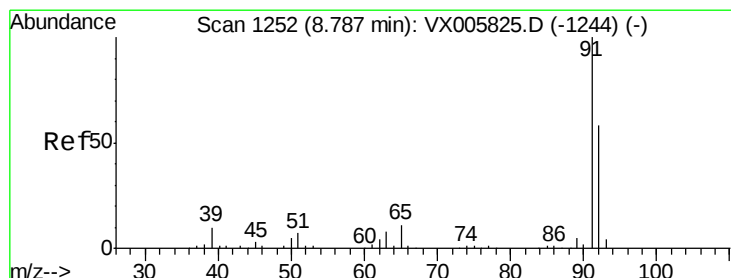
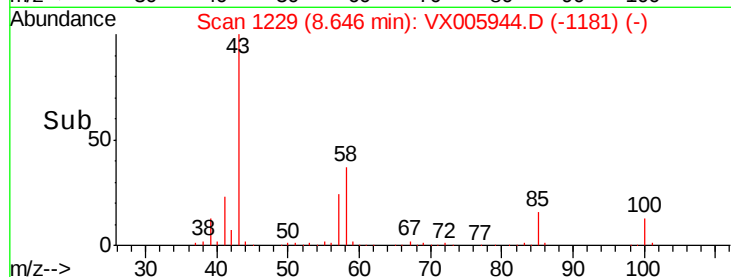
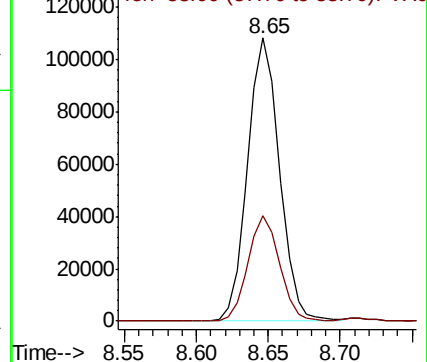
43 100

58 36.7 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.954 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX005944.D

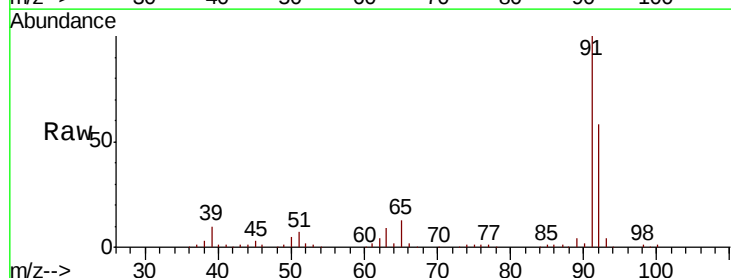
Acq: 13 Nov 2018 13:14

Tgt Ion: 92 Resp: 44366

Ion Ratio Lower Upper

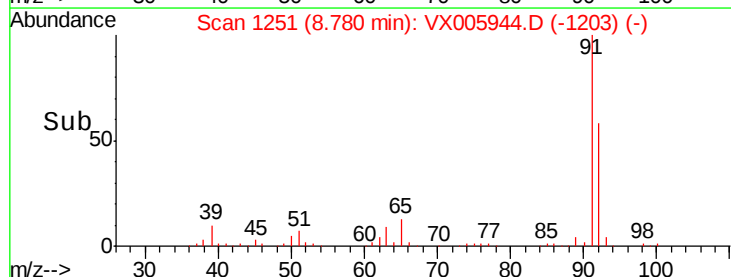
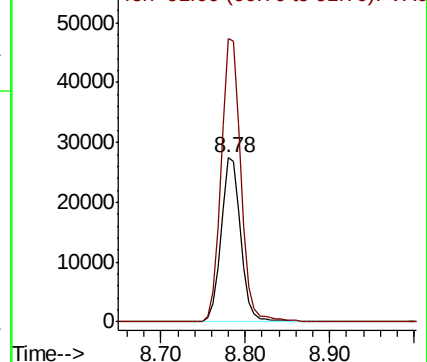
92 100

91 174.0 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

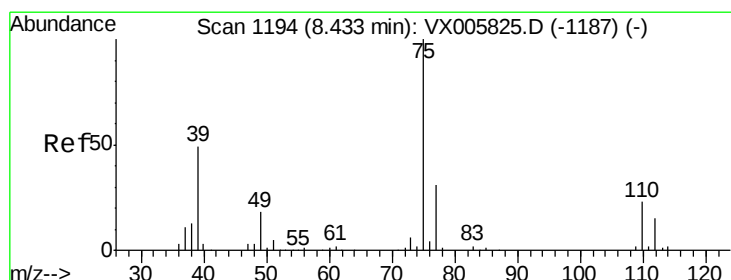
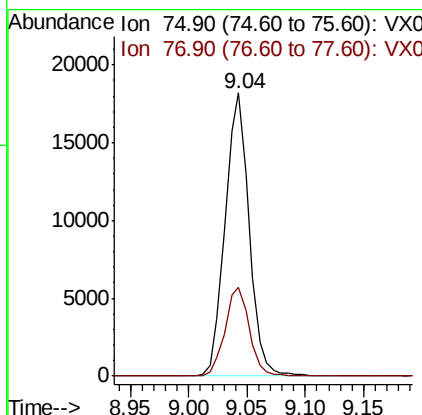
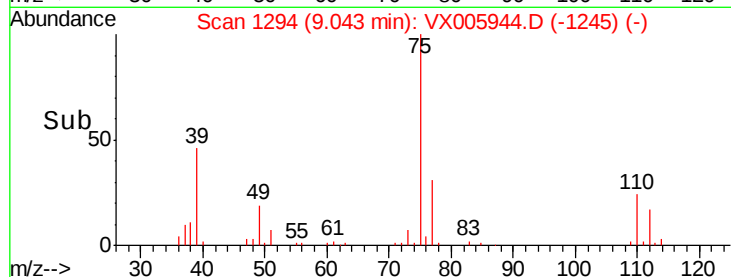
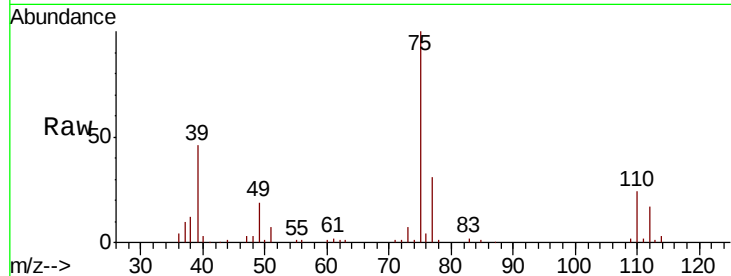




#53
 t-1,3-Dichloropropene
 Concen: 20.212 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005944.D
 Acq: 13 Nov 2018 13:14

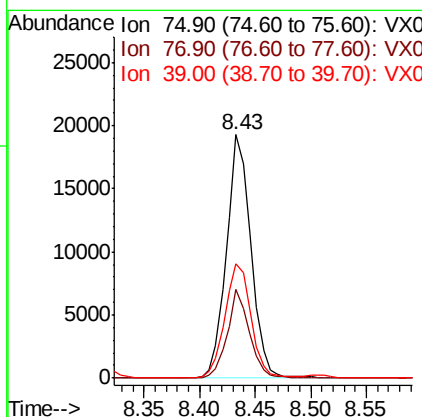
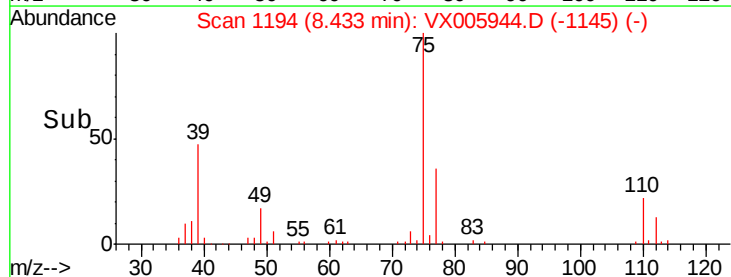
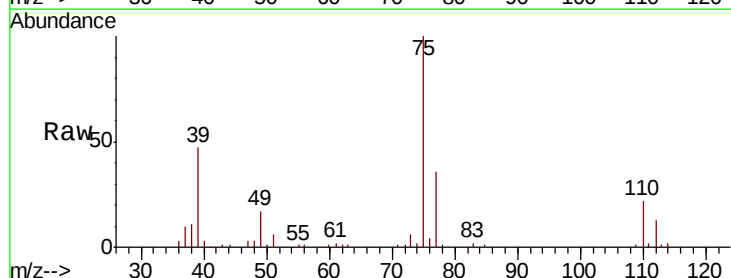
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBS01

Tot Ion: 75 Resp: 26010
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 22.431 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX005944.D
 Acq: 13 Nov 2018 13:14

Tgt Ion: 75 Resp: 29421
 Ion Ratio Lower Upper
 75 100
 77 36.4 25.2 37.8
 39 47.1 38.2 57.2

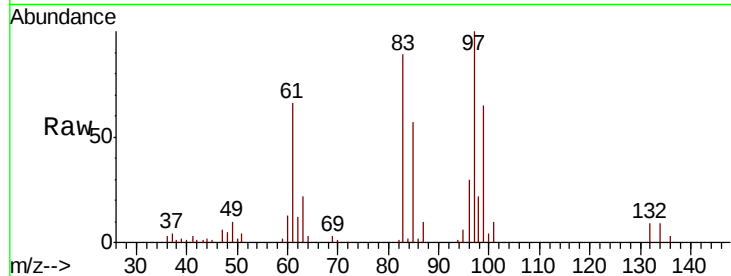




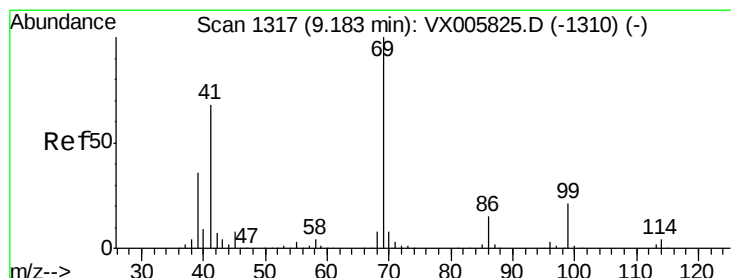
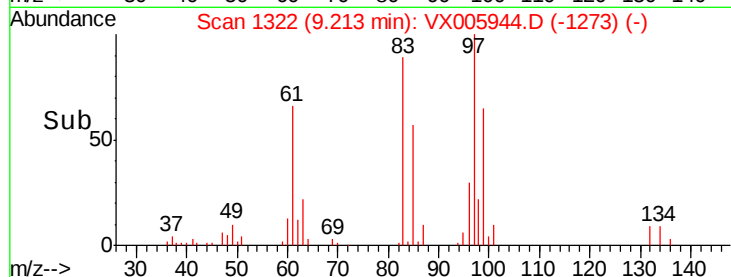
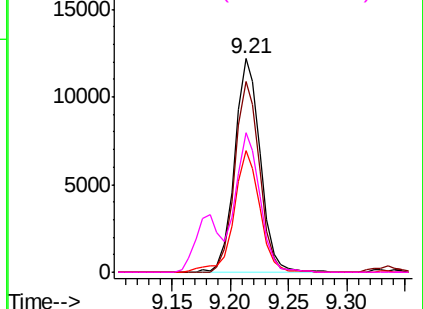
#55
 1,1,2-Trichloroethane
 Concen: 19.755 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005944.D
 Acq: 13 Nov 2018 13:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBS01

Tot Ion: 97 Resp: 18642
 Ion Ratio Lower Upper
 97 100
 83 89.1 70.7 106.1
 85 56.8 45.8 68.6
 99 65.4 51.8 77.8

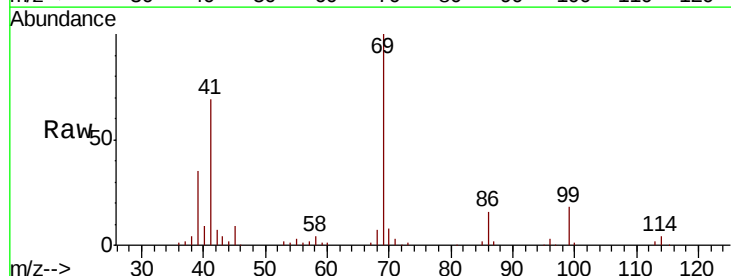


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

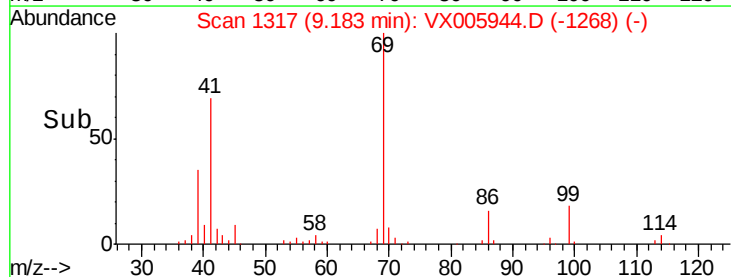
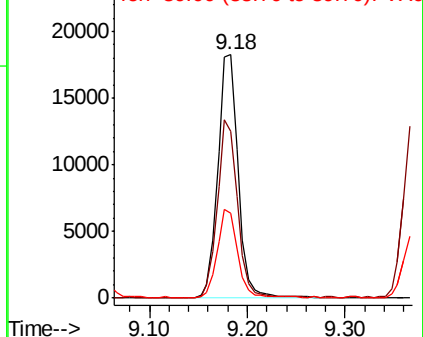


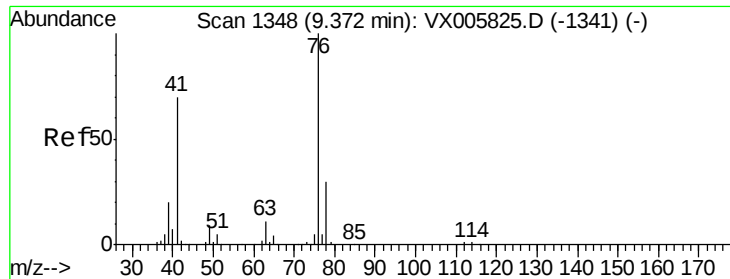
#56
 Ethyl methacrylate
 Concen: 18.672 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005944.D
 Acq: 13 Nov 2018 13:14

Tgt Ion: 69 Resp: 26364
 Ion Ratio Lower Upper
 69 100
 41 73.7 57.0 85.6
 39 37.8 28.3 42.5



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.416 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005944.D

Acq: 13 Nov 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

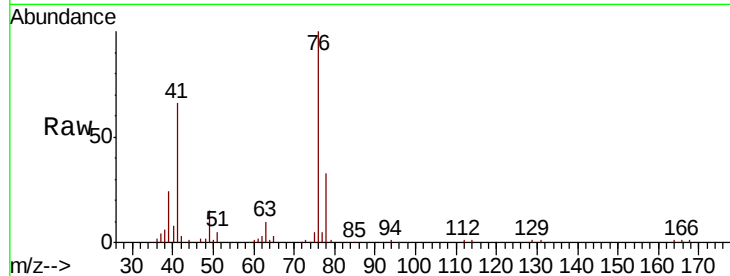
VX1113WBS01

Tot Ion: 76 Resp: 30789

Ion Ratio Lower Upper

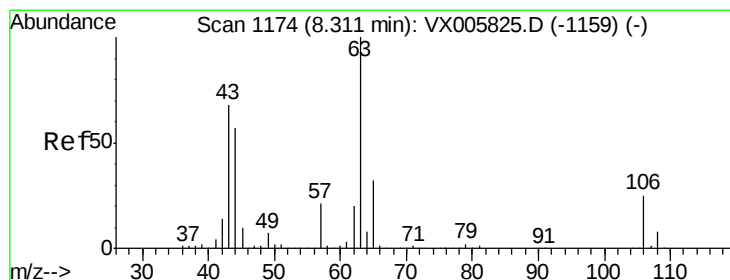
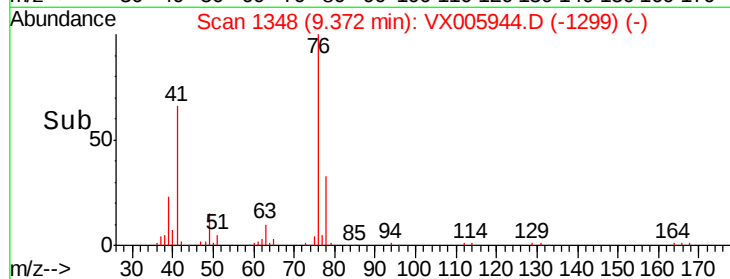
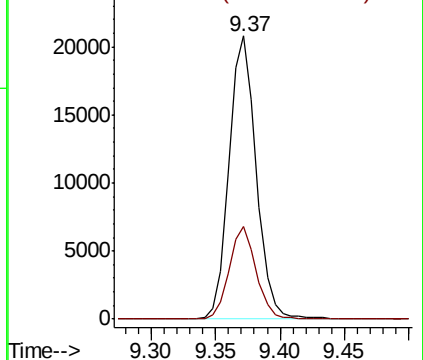
76 100

78 32.1 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 101.746 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX005944.D

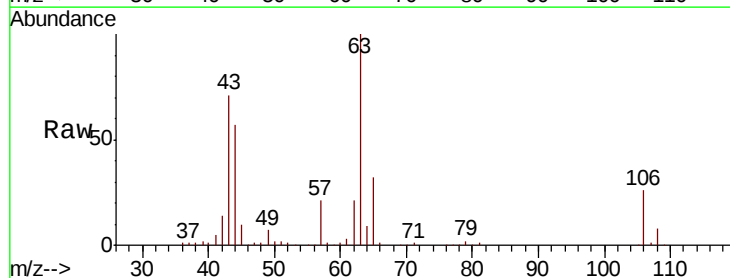
Acq: 13 Nov 2018 13:14

Tgt Ion: 63 Resp: 74373

Ion Ratio Lower Upper

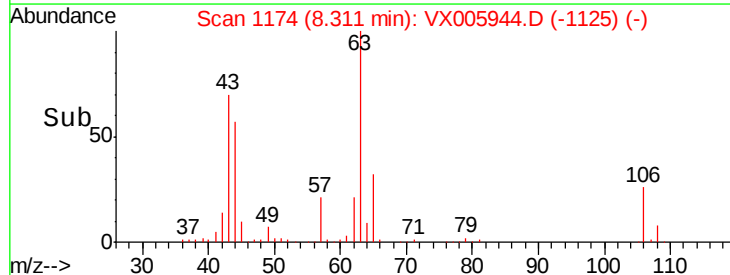
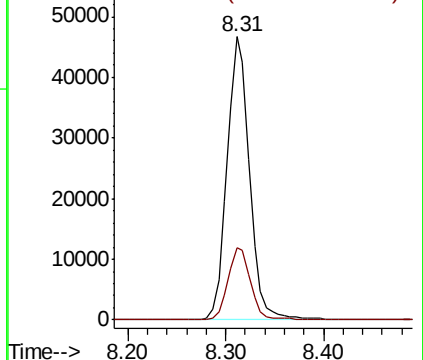
63 100

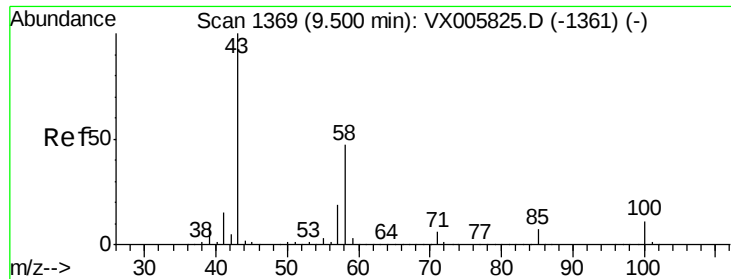
106 25.8 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

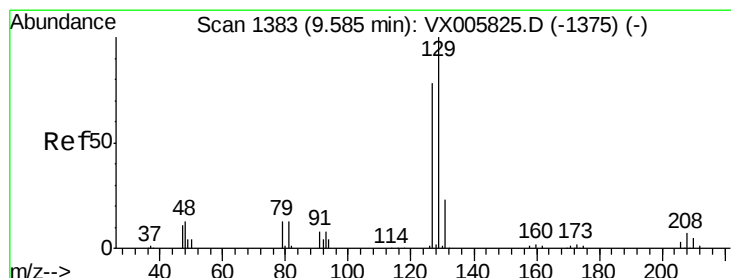
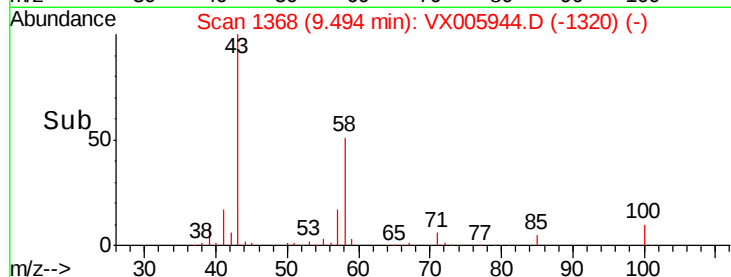
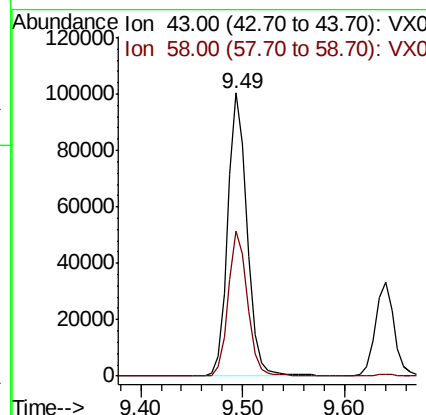
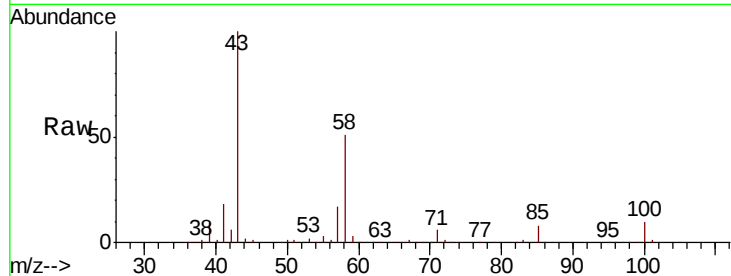




#59
2-Hexanone
Concen: 96.564 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005944.D
Acq: 13 Nov 2018 13:14

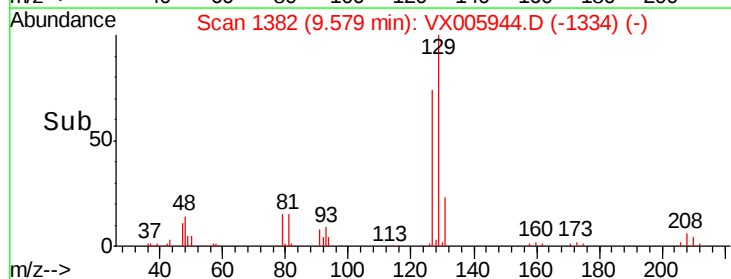
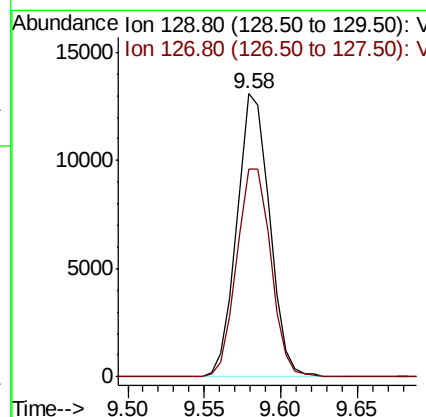
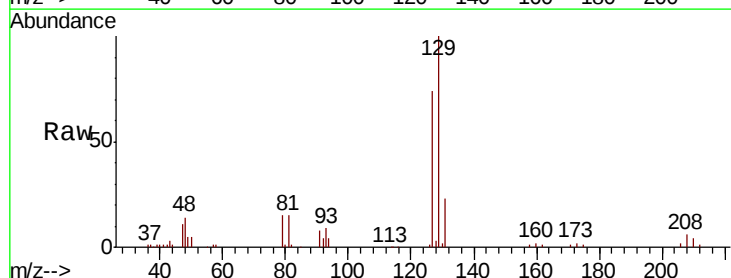
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS01

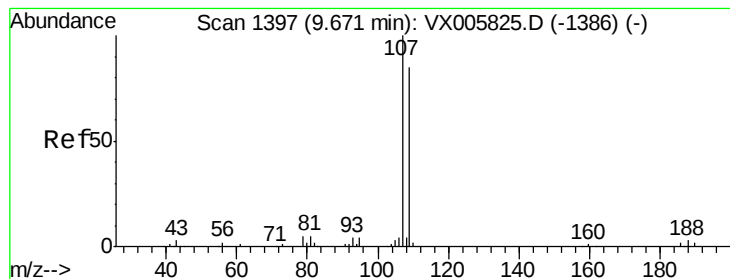
Tot Ion: 43 Resp: 132836
Ion Ratio Lower Upper
43 100
58 50.9 25.9 77.8



#60
Dibromochloromethane
Concen: 19.090 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX005944.D
Acq: 13 Nov 2018 13:14

Tgt Ion: 129 Resp: 19469
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.7





#61

1,2-Dibromoethane

Concen: 18.492 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005944.D

Acq: 13 Nov 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

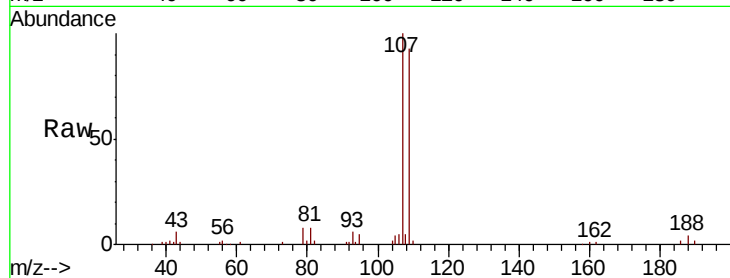
VX1113WBS01

Tot Ion:107 Resp: 19296

Ion Ratio Lower Upper

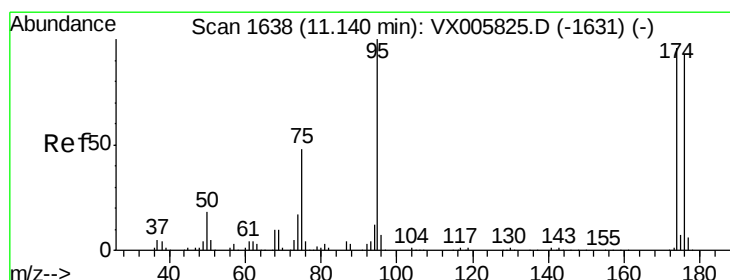
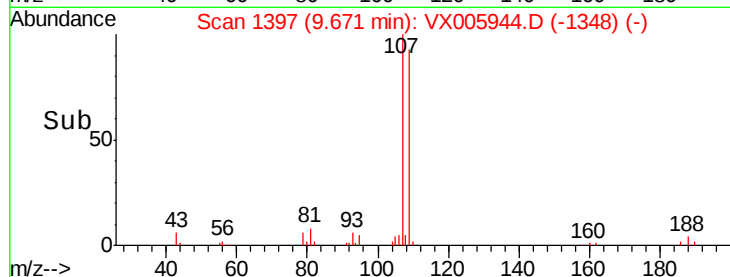
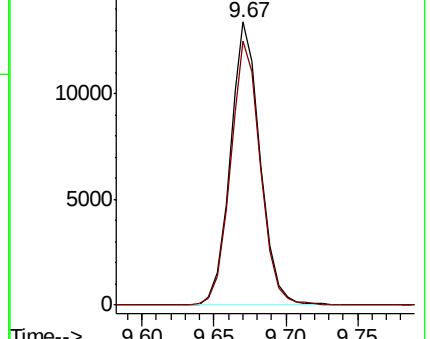
107 100

109 93.7 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.842 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX005944.D

Acq: 13 Nov 2018 13:14

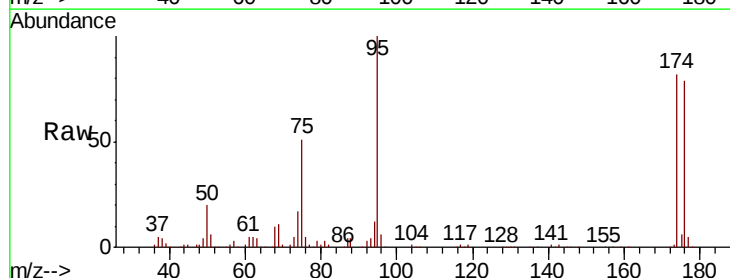
Tgt Ion: 95 Resp: 60104

Ion Ratio Lower Upper

95 100

174 90.6 0.0 184.4

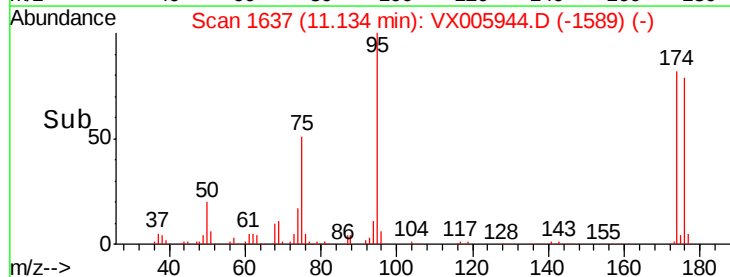
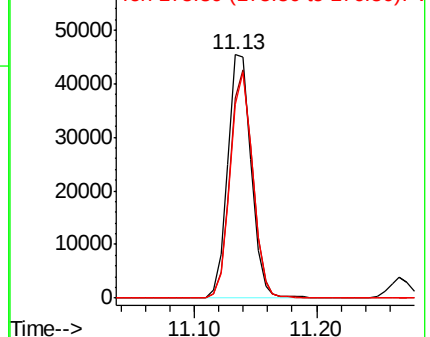
176 88.7 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

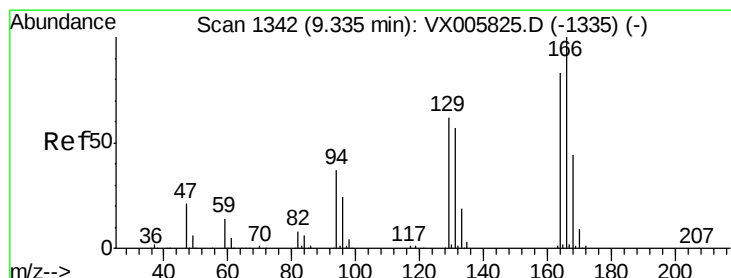
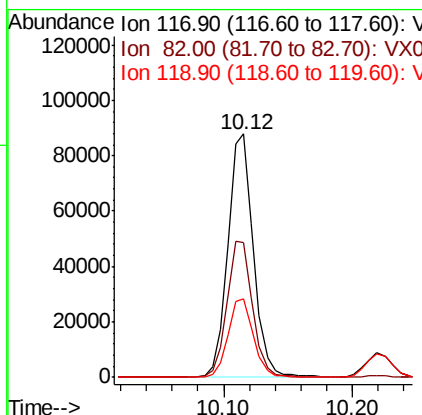
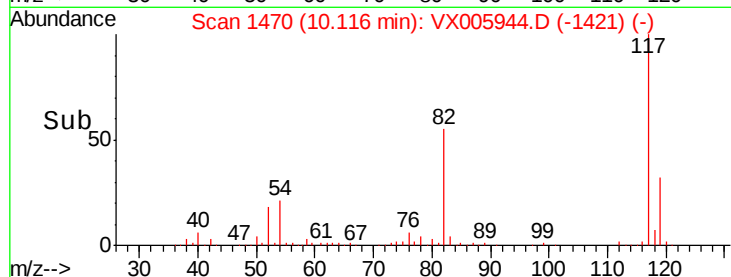
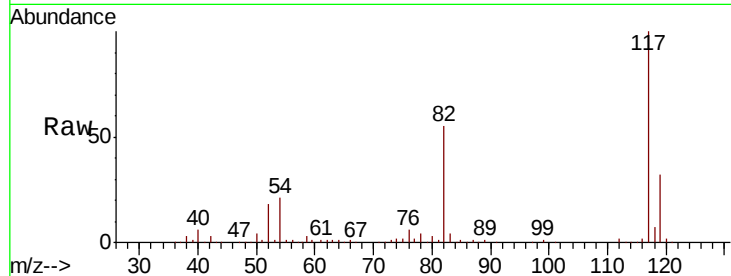




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005944.D
Acq: 13 Nov 2018 13:14

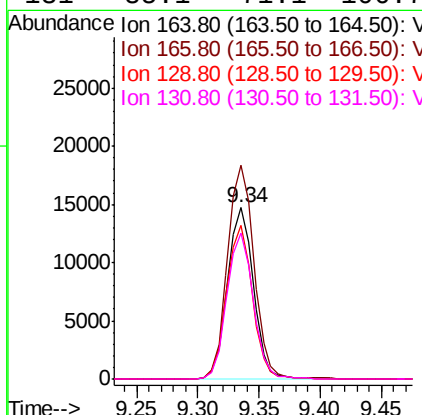
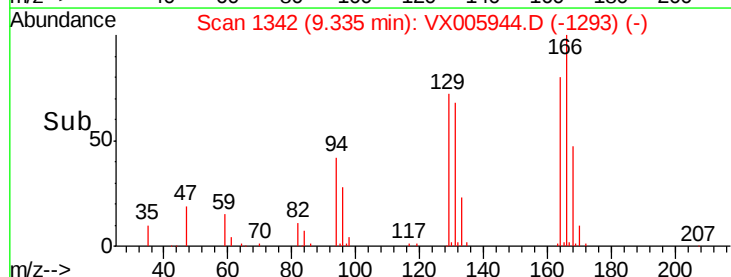
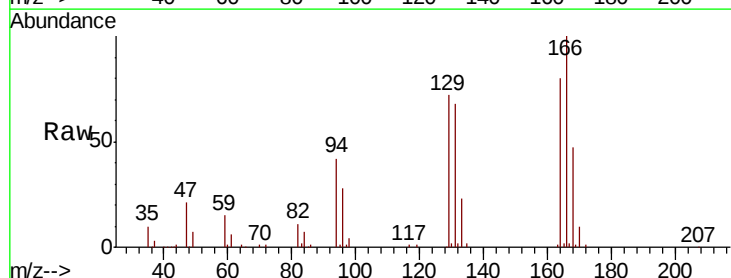
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS01

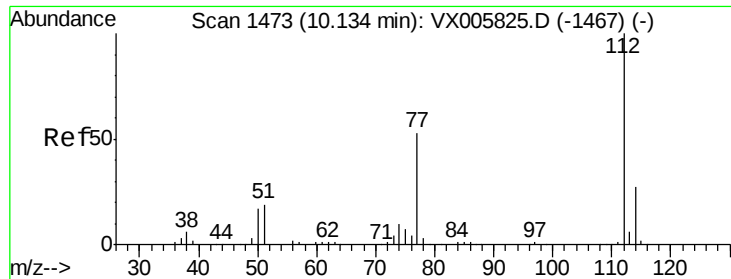
Tot Ion:117 Resp: 122139
Ion Ratio Lower Upper
117 100
82 55.1 44.1 66.1
119 32.4 26.2 39.2



#64
Tetrachloroethene
Concen: 20.793 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005944.D
Acq: 13 Nov 2018 13:14

Tgt Ion:164 Resp: 21622
Ion Ratio Lower Upper
164 100
166 124.9 101.9 152.9
129 89.6 72.6 109.0
131 85.1 71.1 106.7

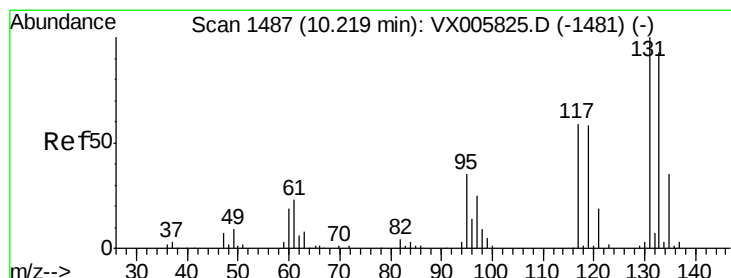
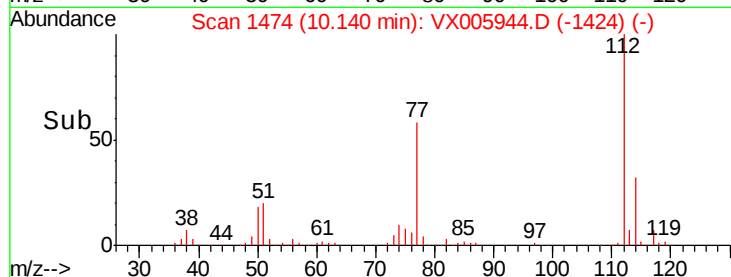
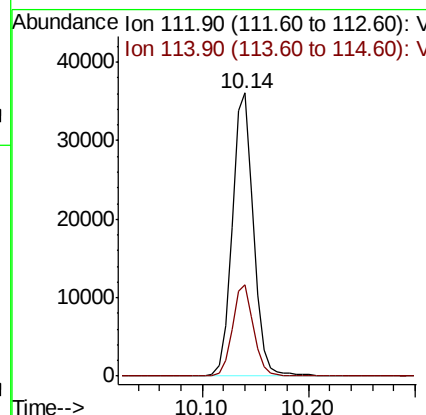
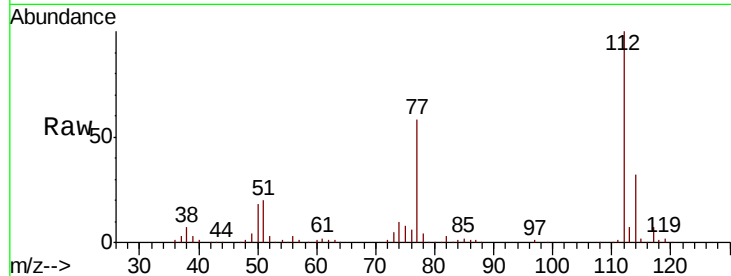




#65
Chlorobenzene
Concen: 20.571 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005944.D
Acq: 13 Nov 2018 13:14

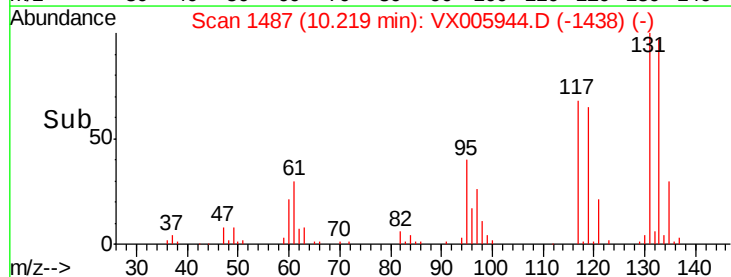
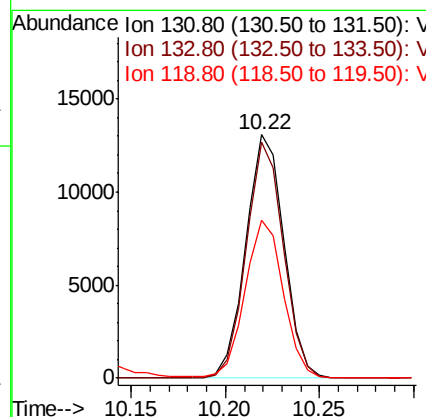
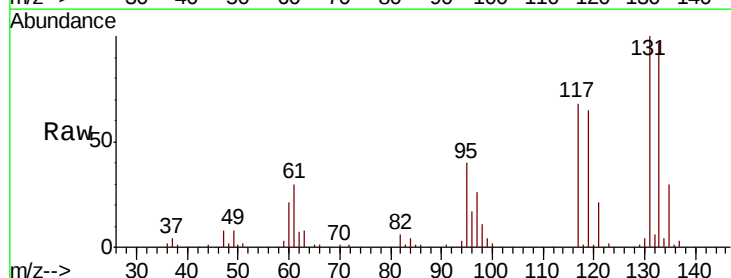
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS01

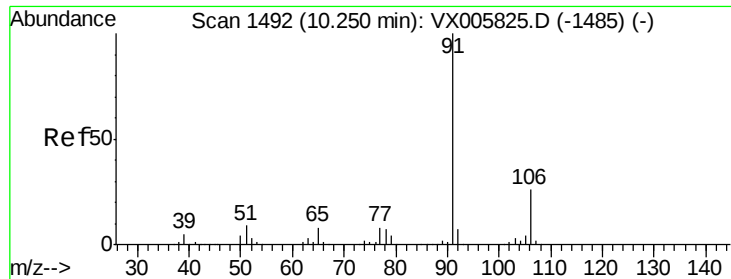
Tot Ion:112 Resp: 50335
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.550 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005944.D
Acq: 13 Nov 2018 13:14

Tgt Ion:131 Resp: 18332
Ion Ratio Lower Upper
131 100
133 94.6 47.5 142.5
119 65.1 31.8 95.3





#67

Ethyl Benzene

Concen: 21.466 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005944.D

Acq: 13 Nov 2018 13:14

Instrument :

MSVOA_X

ClientSampled :

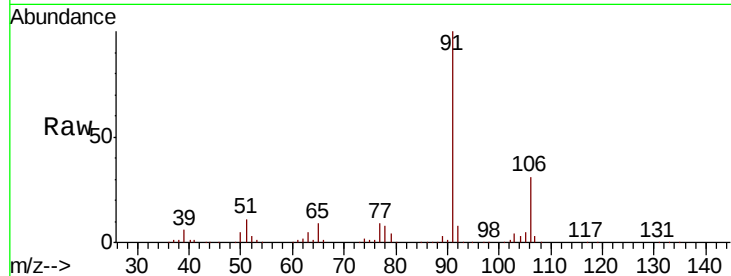
VX1113WBS01

Tot Ion: 91 Resp: 84225

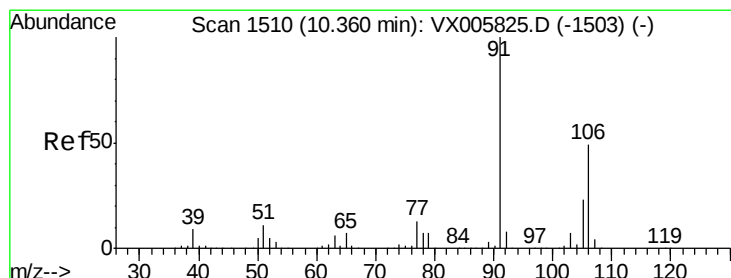
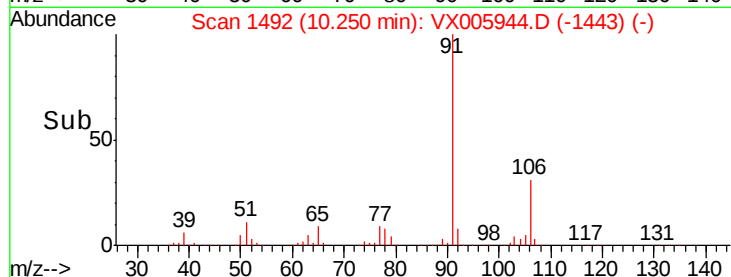
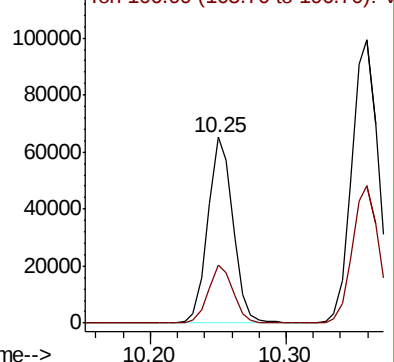
Ion Ratio Lower Upper

91 100

106 30.9 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1485) (-)



#68

m/p-Xylenes

Concen: 44.021 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005944.D

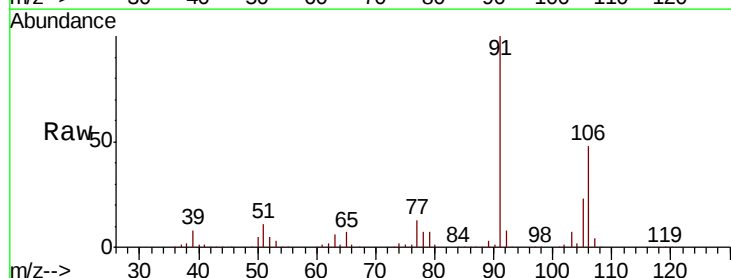
Acq: 13 Nov 2018 13:14

Tgt Ion: 106 Resp: 65881

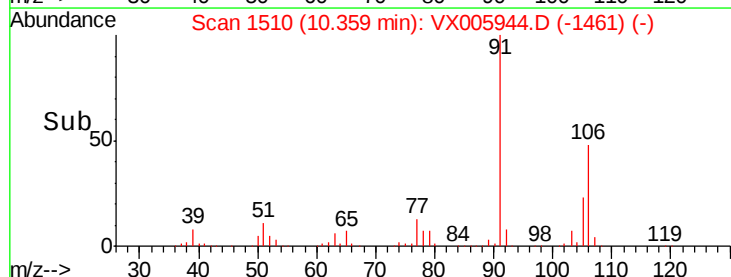
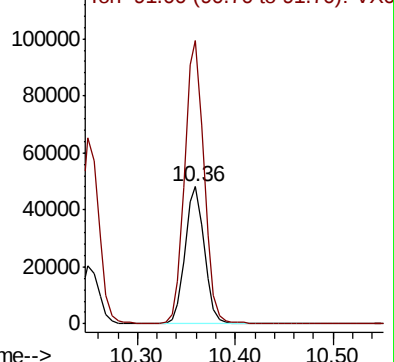
Ion Ratio Lower Upper

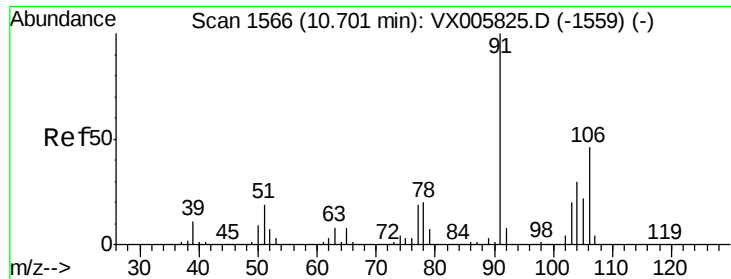
106 100

91 208.5 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX005825.D (-1503) (-)

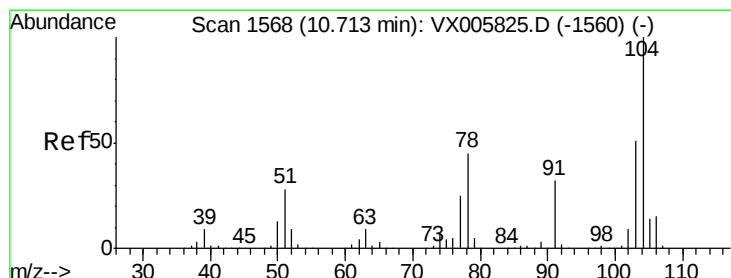
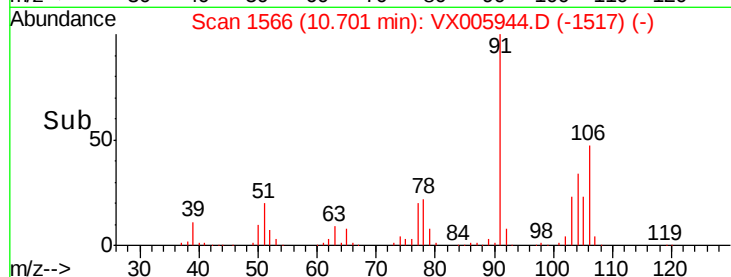
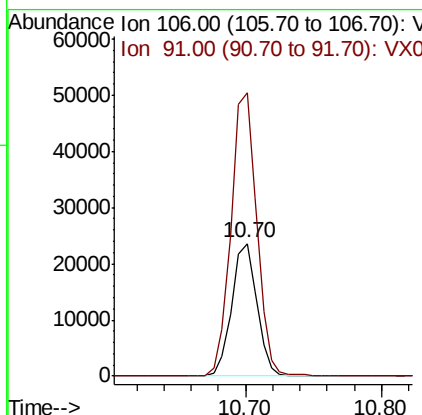
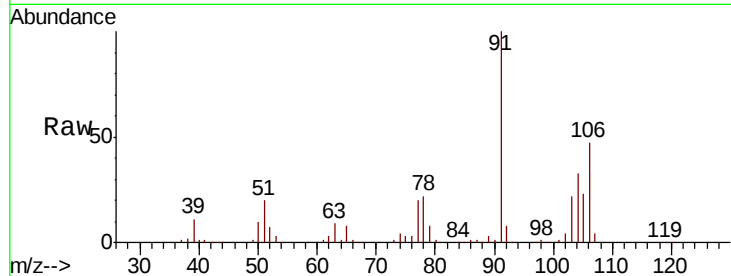




#69
o-Xylene
Concen: 22.861 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005944.D
Acq: 13 Nov 2018 13:14

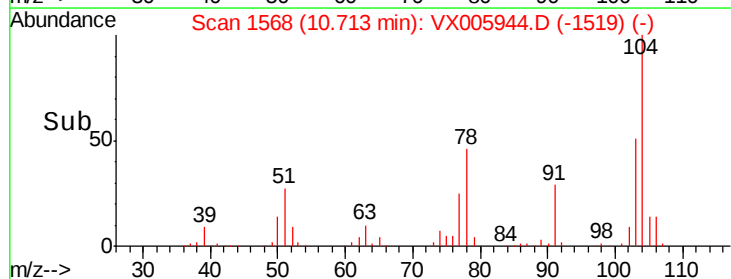
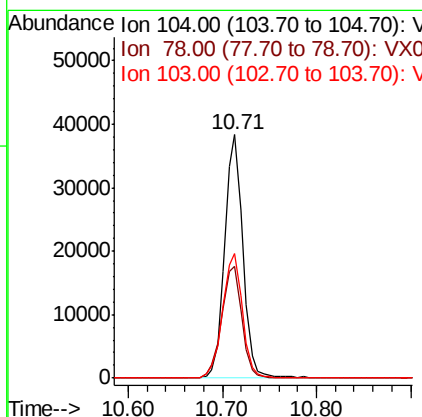
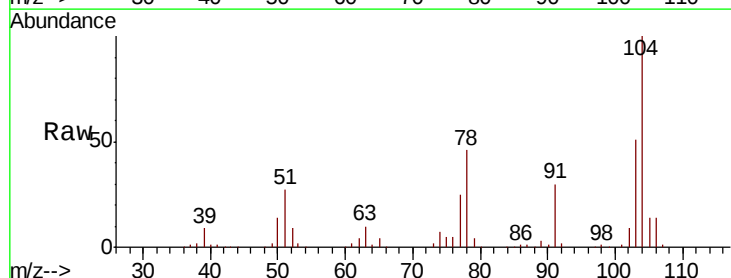
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS01

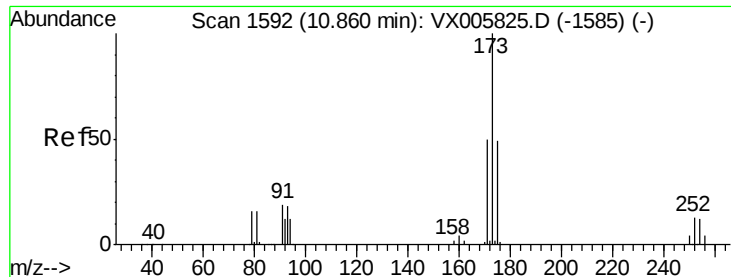
Tot Ion:106 Resp: 30679
Ion Ratio Lower Upper
106 100
91 217.0 108.5 325.5



#70
Styrene
Concen: 23.268 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005944.D
Acq: 13 Nov 2018 13:14

Tgt Ion:104 Resp: 51511
Ion Ratio Lower Upper
104 100
78 51.2 40.2 60.4
103 55.7 44.9 67.3





#71

Bromoform

Concen: 21.991 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005944.D

Acq: 13 Nov 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBS01

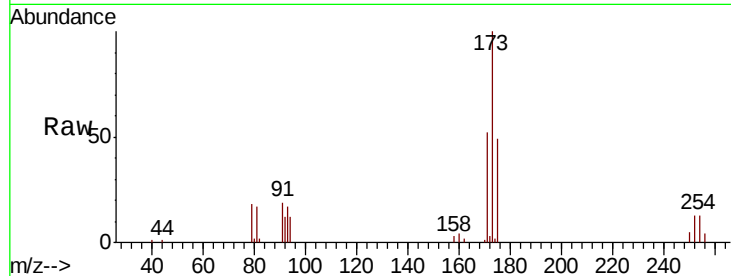
Tot Ion:173 Resp: 15682

Ion Ratio Lower Upper

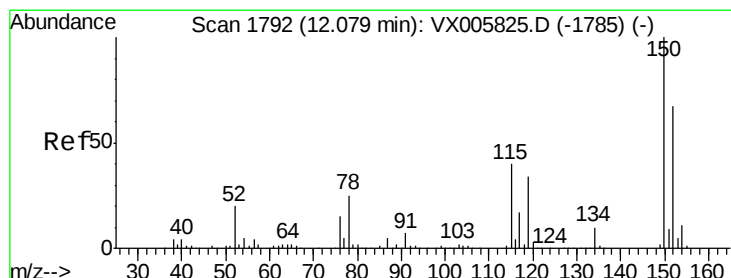
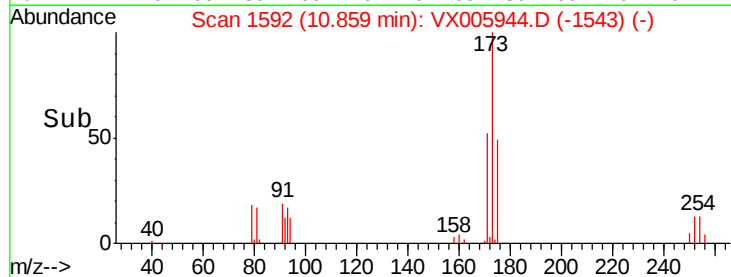
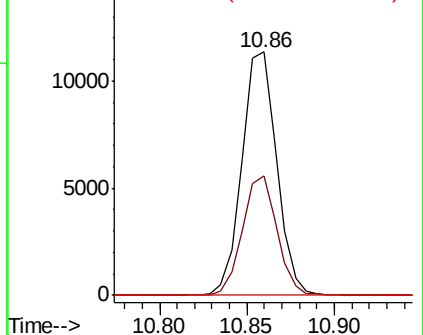
173 100

175 48.8 24.8 74.3

254 0.0 0.2 0.2#



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: VX005944.D

Acq: 13 Nov 2018 13:14

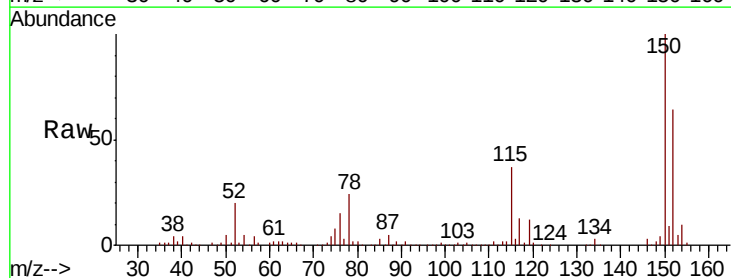
Tgt Ion:152 Resp: 70124

Ion Ratio Lower Upper

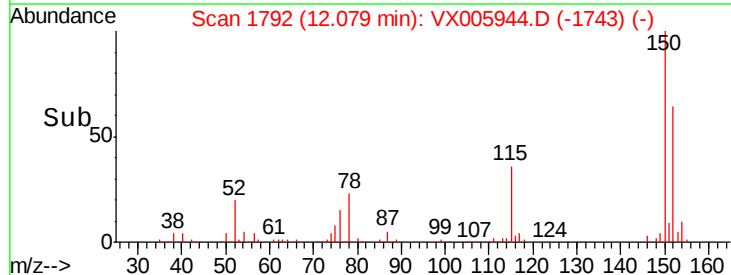
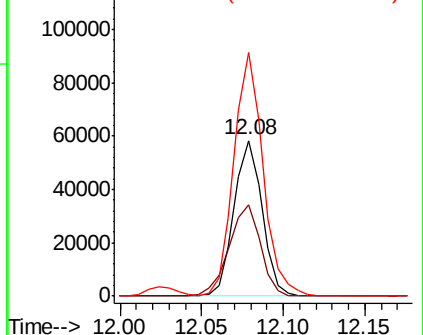
152 100

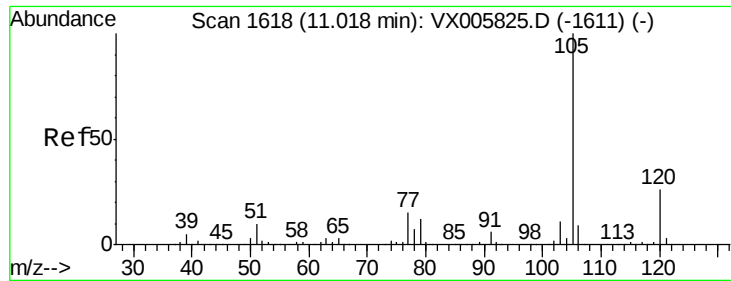
115 65.7 39.4 118.1

150 162.1 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: 21.221 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005944.D

Acq: 13 Nov 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

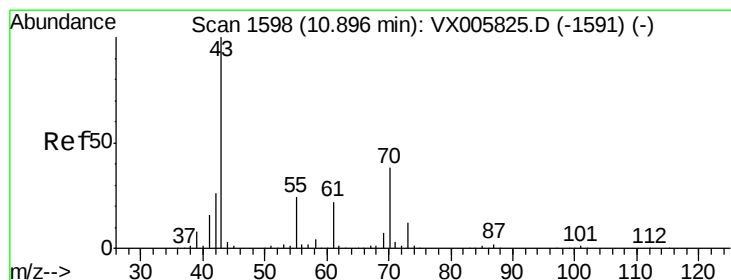
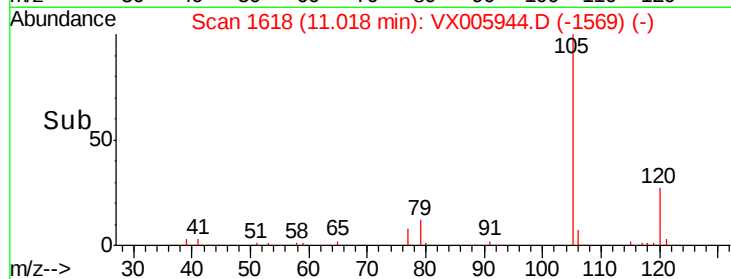
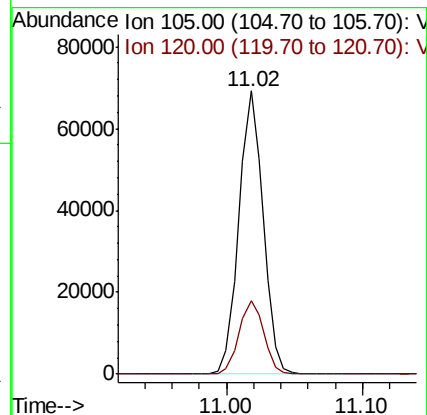
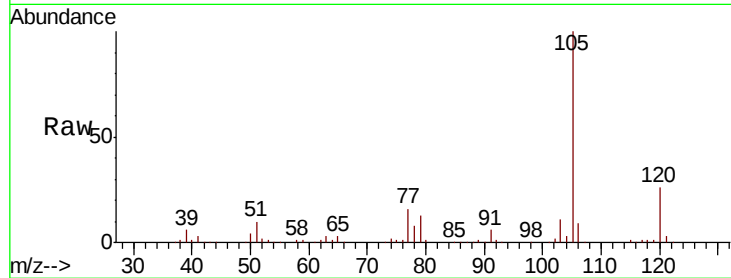
VX1113WBS01

Tot Ion:105 Resp: 86057

Ion Ratio Lower Upper

105 100

120 26.5 13.1 39.3



#74

N-ethyl acetate

Concen: 18.396 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005944.D

Acq: 13 Nov 2018 13:14

Tgt Ion: 43 Resp: 40012

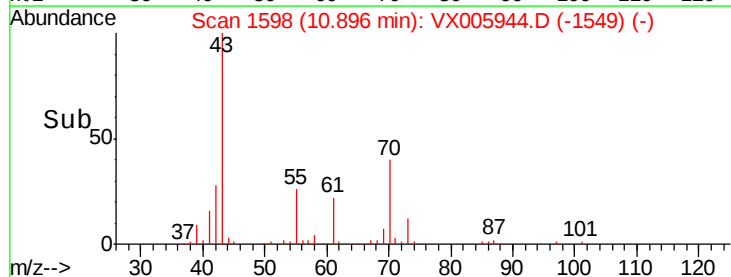
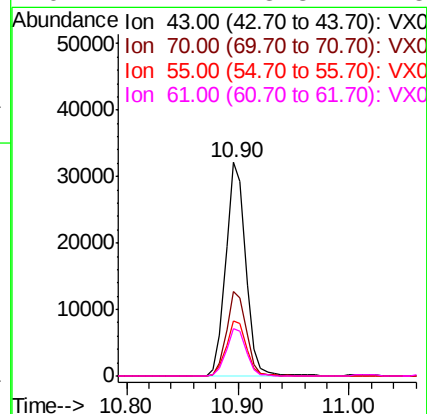
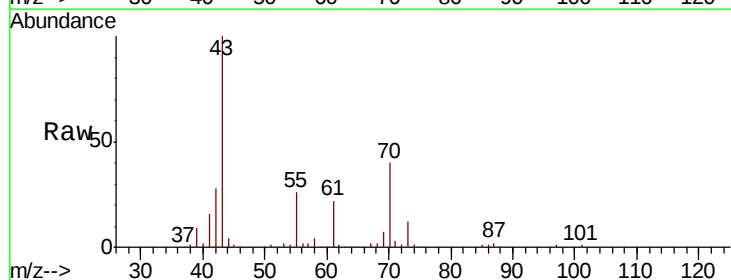
Ion Ratio Lower Upper

43 100

70 39.2 31.6 47.4

55 25.9 19.7 29.5

61 22.1 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.047 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005944.D

Acq: 13 Nov 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBS01

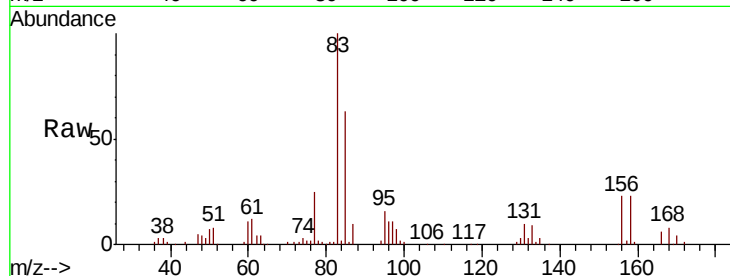
Tot Ion: 83 Resp: 29839

Ion Ratio Lower Upper

83 100

131 10.1 5.3 15.9

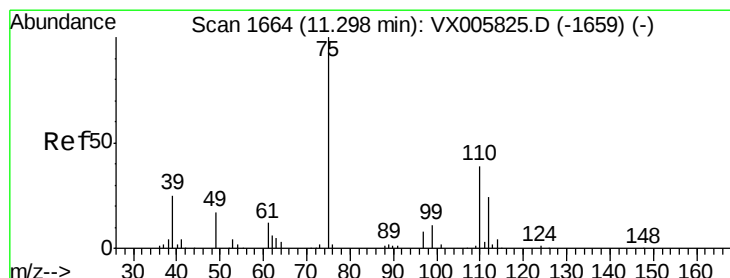
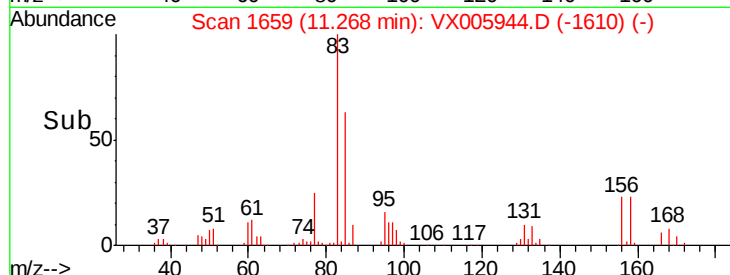
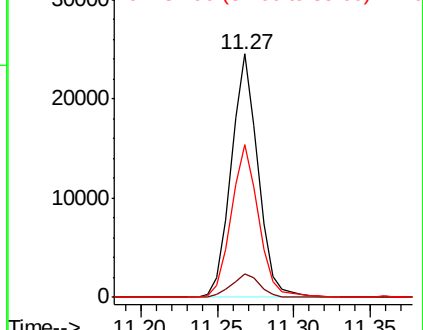
85 64.1 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX005825.D (-1652) (-)

Ion 130.80 (130.50 to 131.50): VX005825.D (-1652) (-)

Ion 84.90 (84.60 to 85.60): VX005825.D (-1652) (-)



#76

1,2,3-Trichloropropane

Concen: 25.057 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005944.D

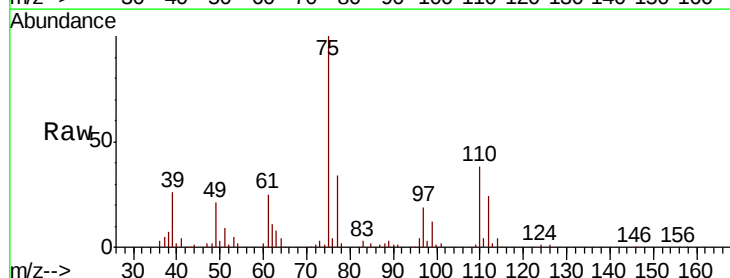
Acq: 13 Nov 2018 13:14

Tgt Ion: 75 Resp: 35778

Ion Ratio Lower Upper

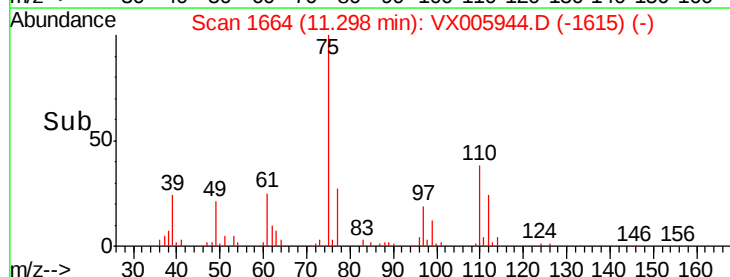
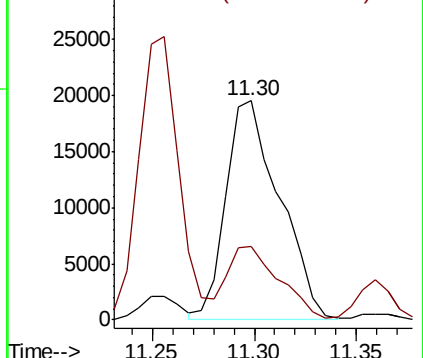
75 100

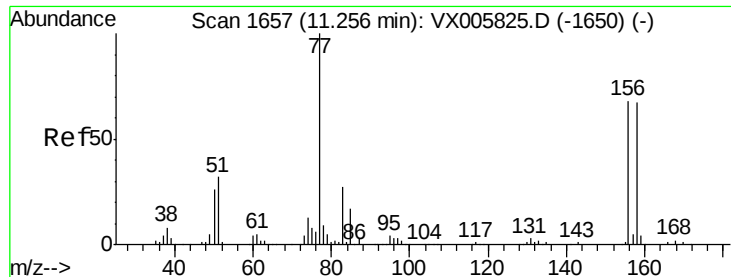
77 32.2 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX005825.D (-1659) (-)

Ion 77.00 (76.70 to 77.70): VX005825.D (-1659) (-)





#77

Bromobenzene

Concen: 20.220 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005944.D

Acq: 13 Nov 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBS01

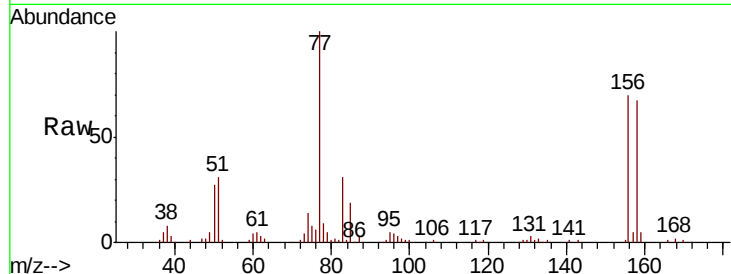
Tot Ion:156 Resp: 23111

Ion Ratio Lower Upper

156 100

77 149.9 74.8 224.4

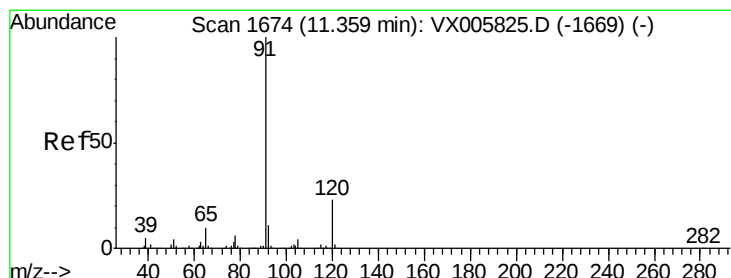
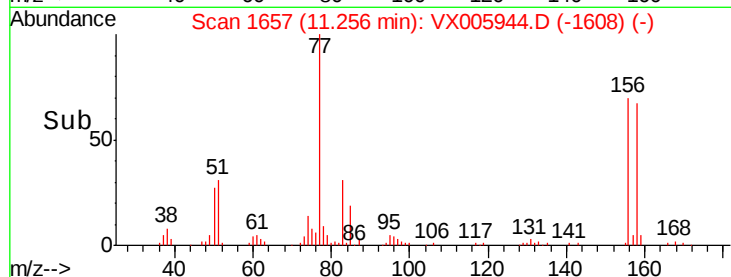
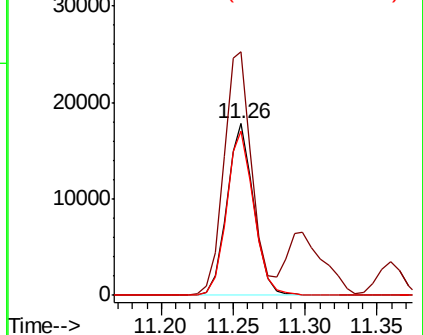
158 98.0 49.1 147.3



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: 21.426 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005944.D

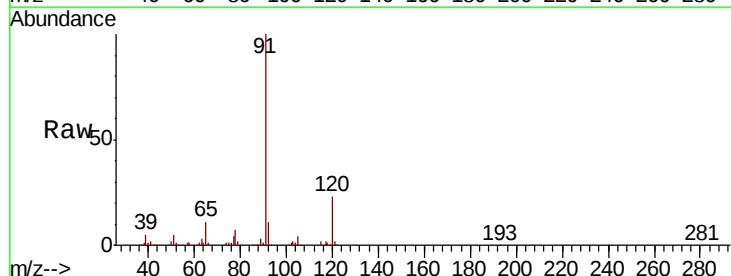
Acq: 13 Nov 2018 13:14

Tgt Ion: 91 Resp: 102399

Ion Ratio Lower Upper

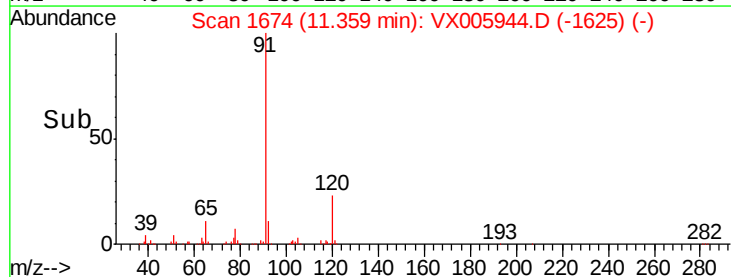
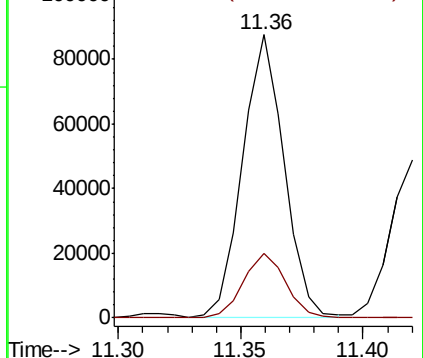
91 100

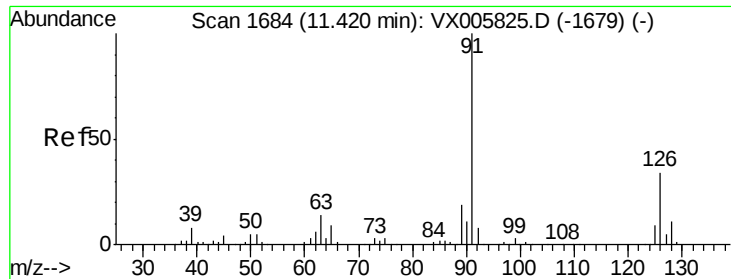
120 23.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

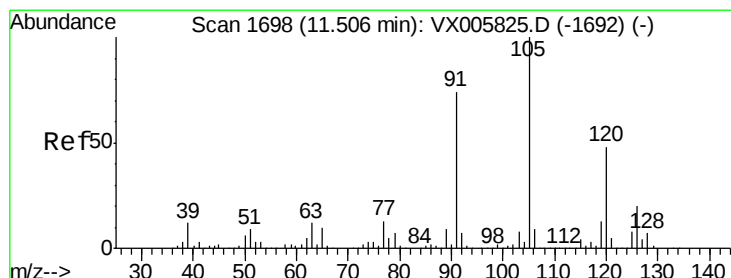
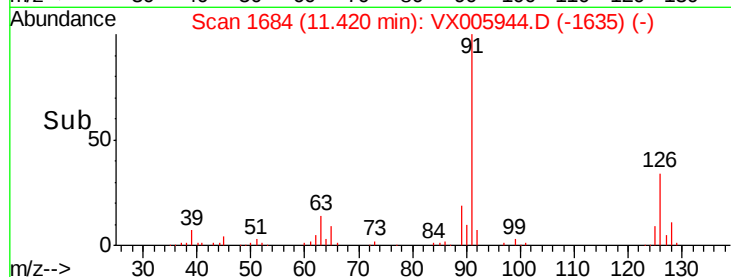
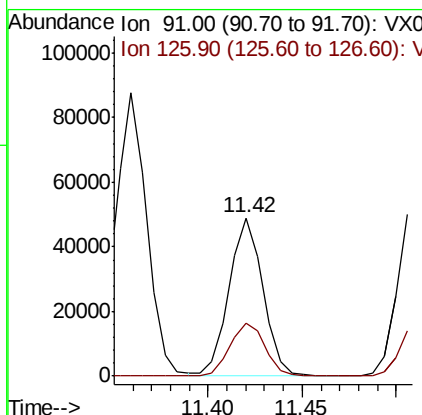
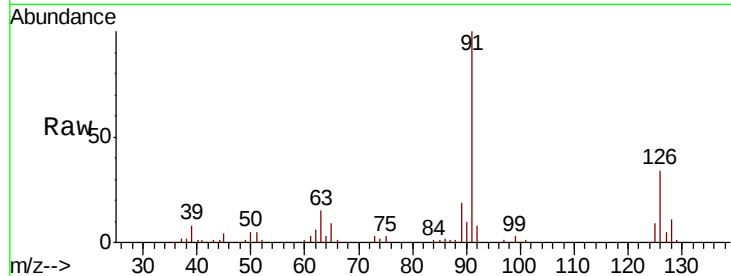




#79
 2-Chlorotoluene
 Concen: 21.022 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005944.D
 Acq: 13 Nov 2018 13:14

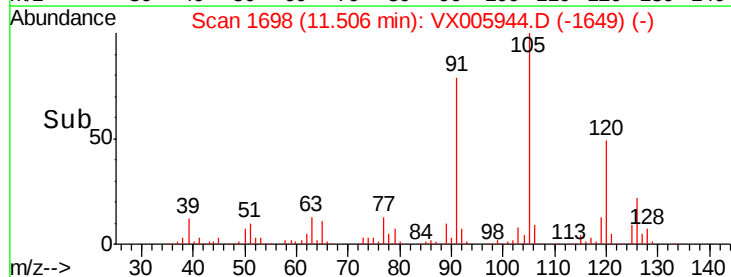
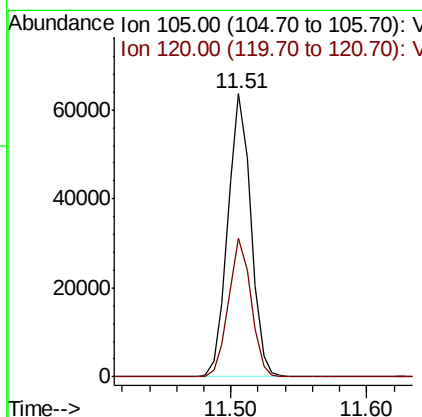
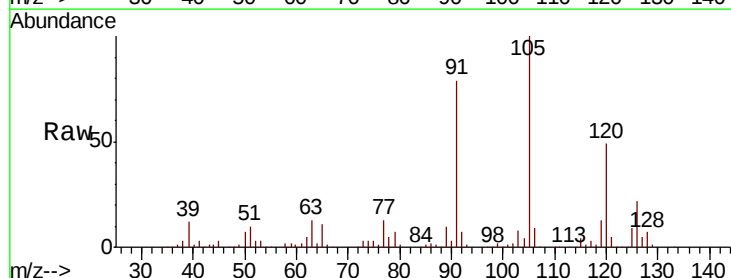
Instrument :
 MSVOA_X
 ClientSampled :
 VX1113WBS01

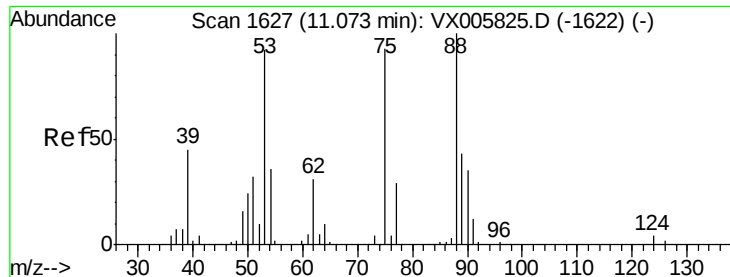
Tot Ion: 91 Resp: 60726
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 21.715 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005944.D
 Acq: 13 Nov 2018 13:14

Tgt Ion: 105 Resp: 74833
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 19.716 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005944.D

Acq: 13 Nov 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBS01

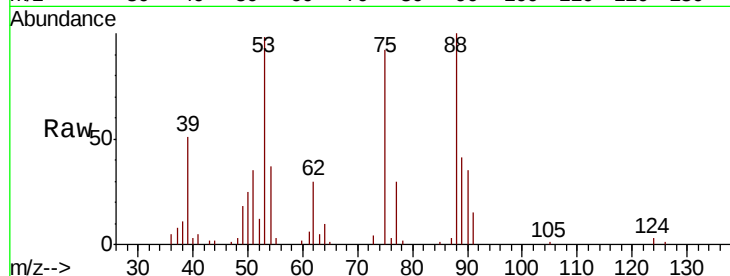
Tot Ion: 75 Resp: 8833

Ion Ratio Lower Upper

75 100

53 106.2 80.2 120.2

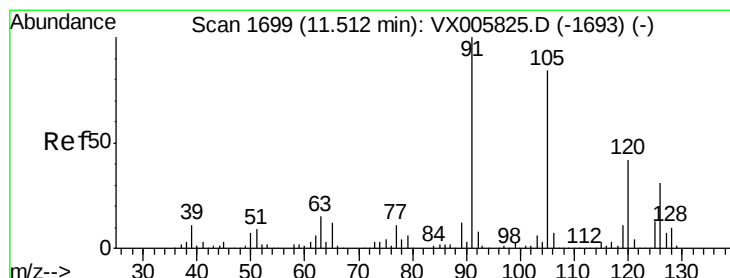
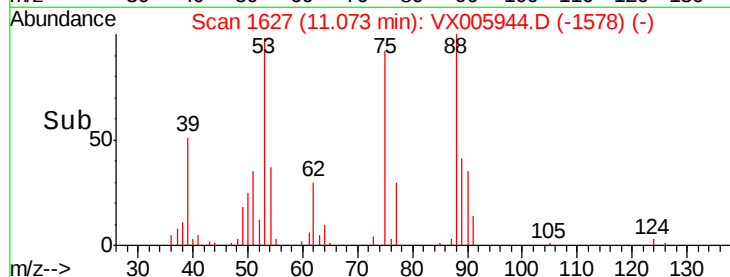
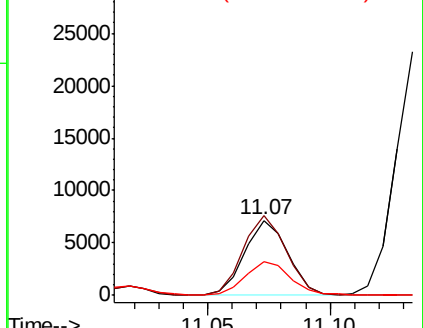
89 47.3 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 21.260 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005944.D

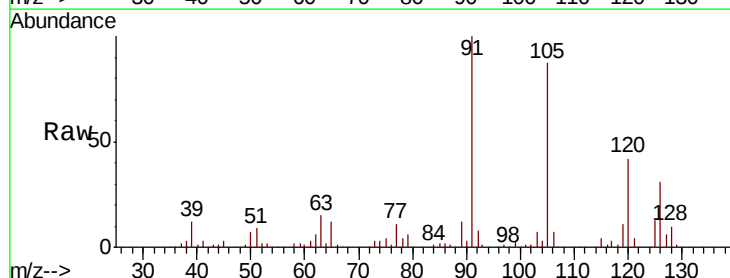
Acq: 13 Nov 2018 13:14

Tgt Ion: 91 Resp: 72378

Ion Ratio Lower Upper

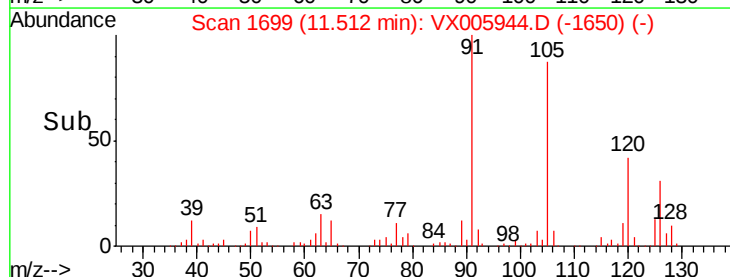
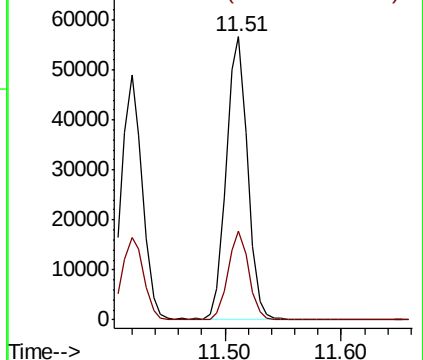
91 100

126 30.4 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

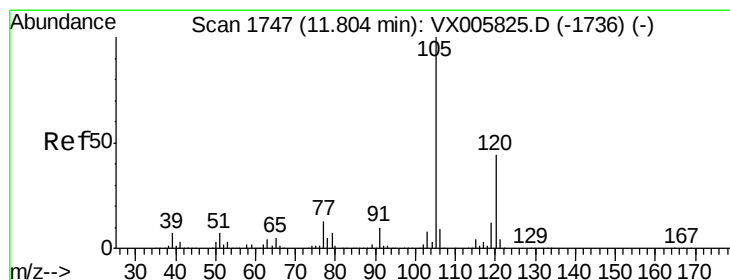
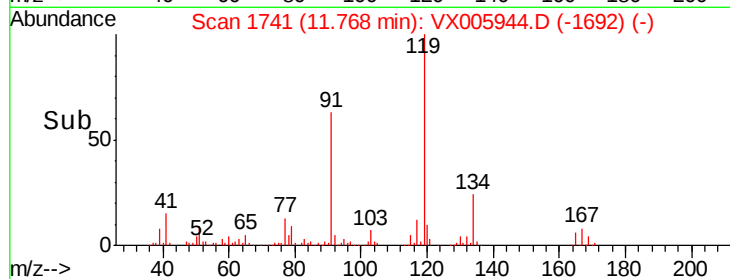
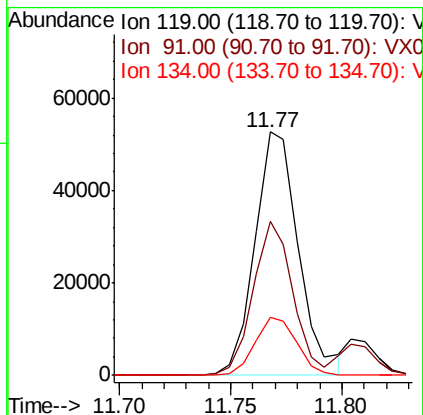
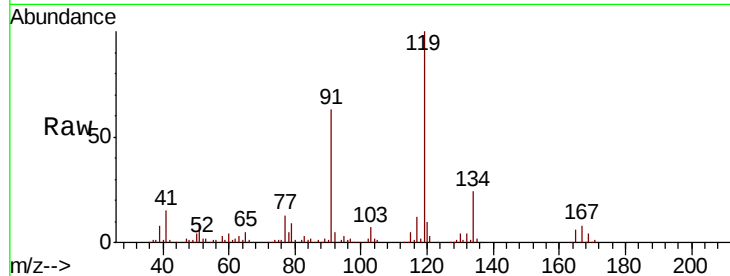




#83
tert-Butylbenzene
Concen: 20.621 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX005944.D
Acq: 13 Nov 2018 13:14

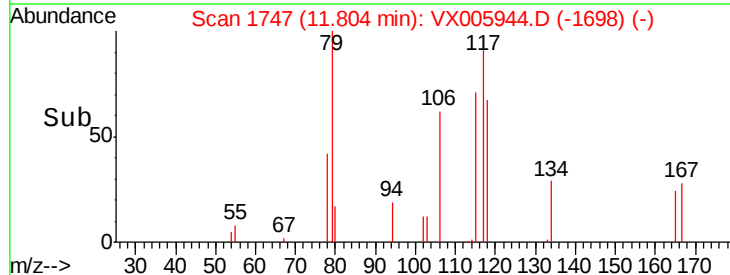
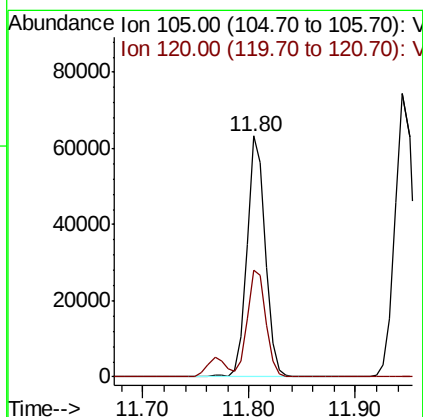
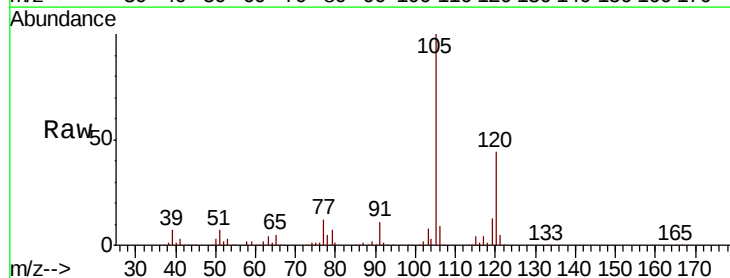
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS01

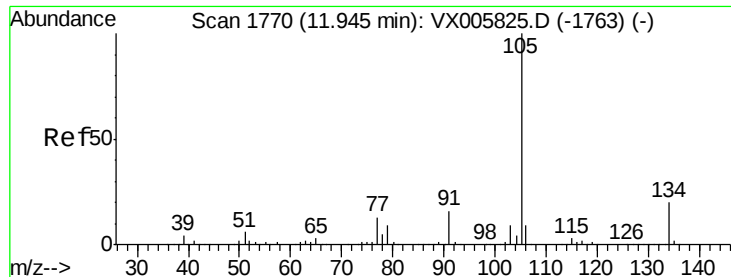
Tot Ion:119 Resp: 71892
Ion Ratio Lower Upper
119 100
91 57.6 28.5 85.5
134 22.8 11.3 33.8



#84
1,2,4-Trimethylbenzene
Concen: 19.994 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX005944.D
Acq: 13 Nov 2018 13:14

Tgt Ion:105 Resp: 76311
Ion Ratio Lower Upper
105 100
120 44.8 22.4 67.0





#85

sec-Butylbenzene

Concen: 20.774 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005944.D

Acq: 13 Nov 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

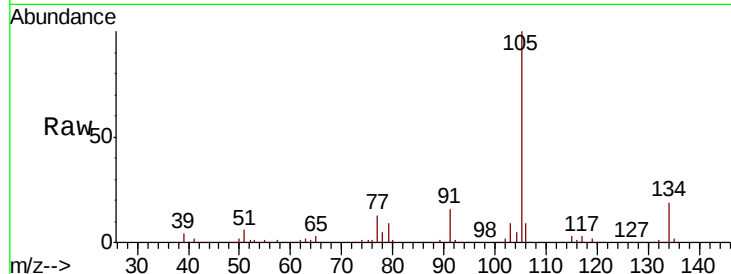
VX1113WBS01

Tot Ion:105 Resp: 88564

Ion Ratio Lower Upper

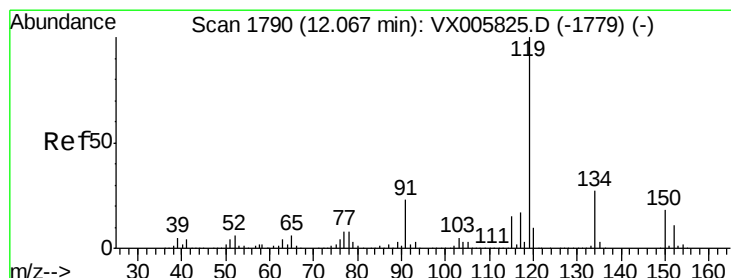
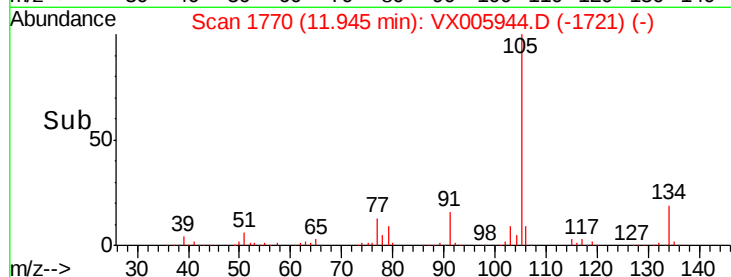
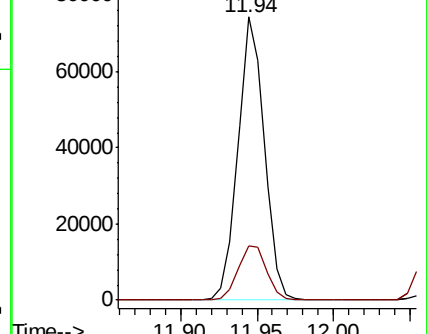
105 100

134 20.6 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.254 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005944.D

Acq: 13 Nov 2018 13:14

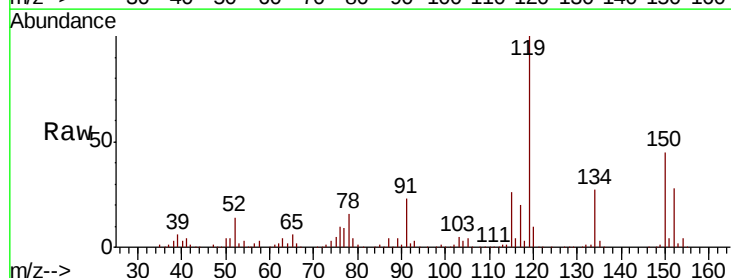
Tgt Ion:119 Resp: 80260

Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

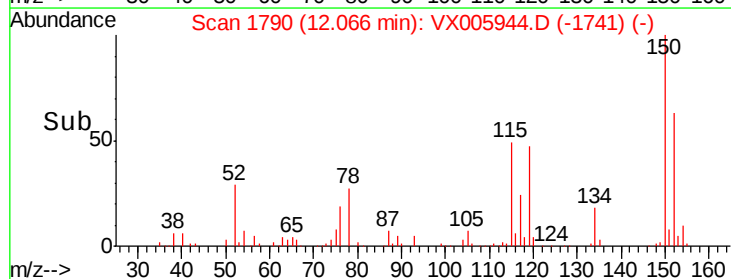
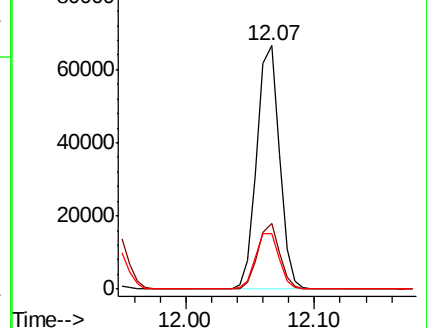
91 24.2 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

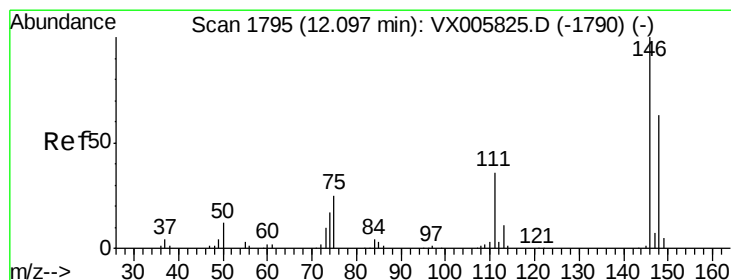
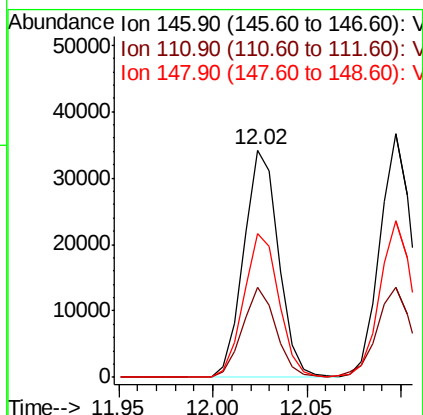
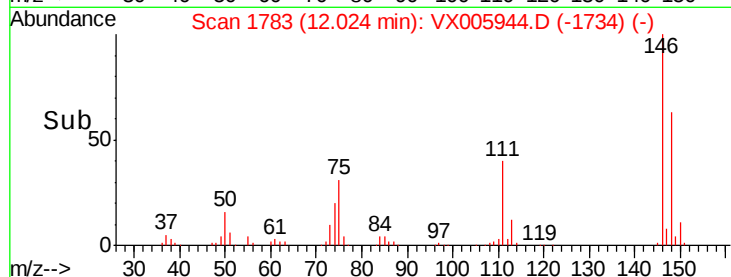
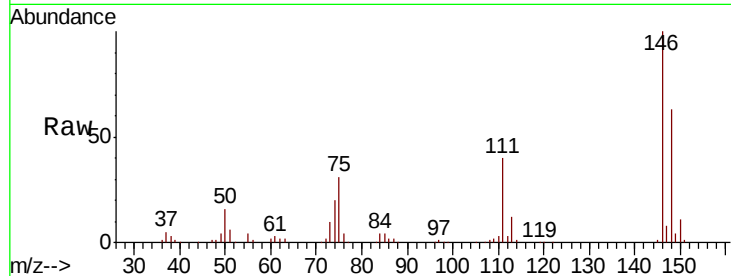




#87
 1,3-Dichlorobenzene
 Concen: 19.966 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005944.D
 Acq: 13 Nov 2018 13:14

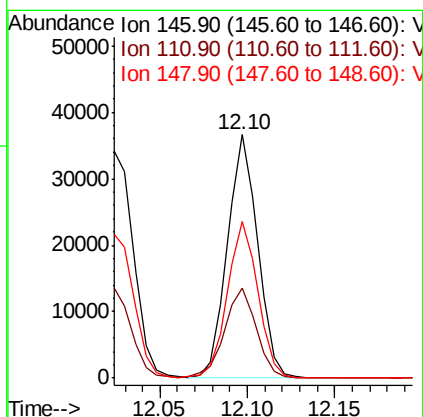
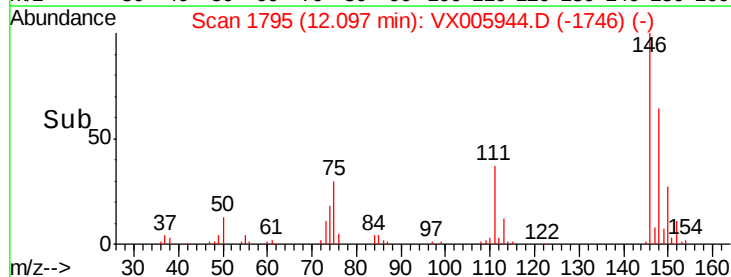
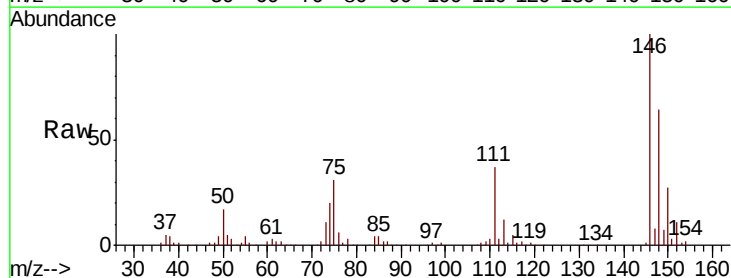
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBS01

Tot Ion:146 Resp: 43798
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.0 57.0
 148 63.7 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 19.666 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005944.D
 Acq: 13 Nov 2018 13:14

Tgt Ion:146 Resp: 44161
 Ion Ratio Lower Upper
 146 100
 111 38.8 18.6 55.8
 148 64.9 32.1 96.3

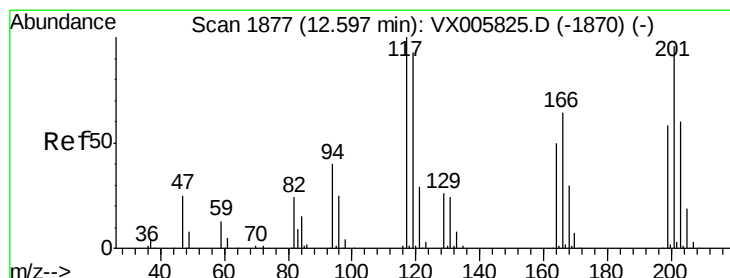
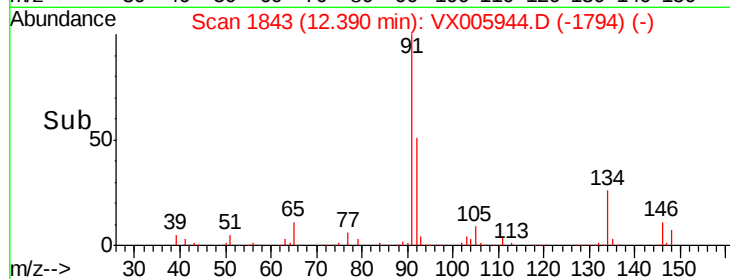
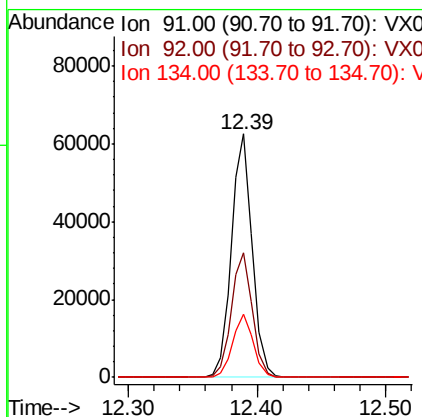
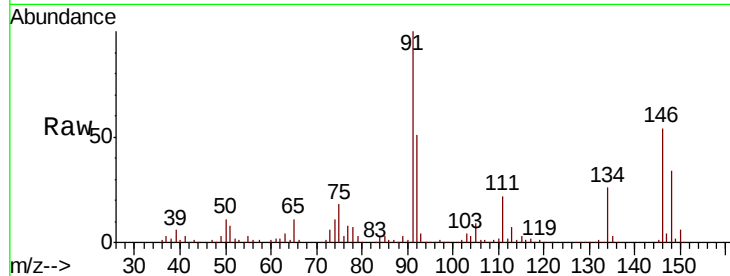




#89
n-Butylbenzene
Concen: 20.188 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005944.D
Acq: 13 Nov 2018 13:14

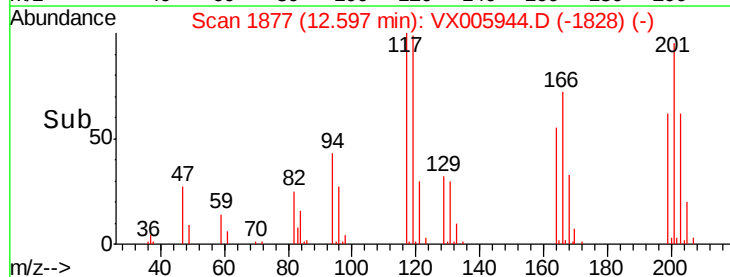
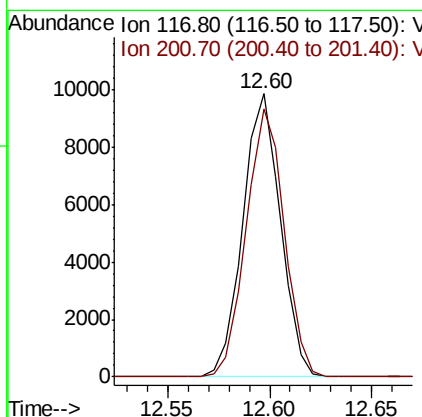
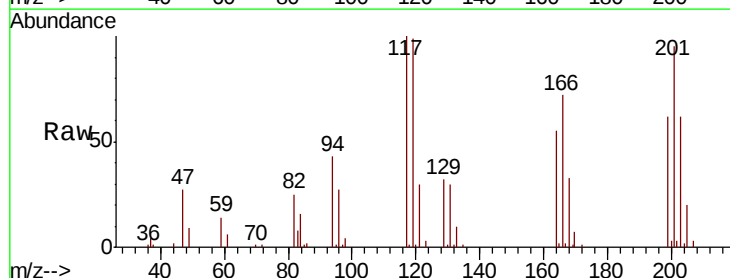
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS01

Tot Ion: 91 Resp: 70654
Ion Ratio Lower Upper
91 100
92 51.7 26.1 78.2
134 25.8 13.1 39.3



#90
Hexachloroethane
Concen: 19.977 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005944.D
Acq: 13 Nov 2018 13:14

Tgt Ion: 117 Resp: 12595
Ion Ratio Lower Upper
117 100
201 96.0 47.9 143.6

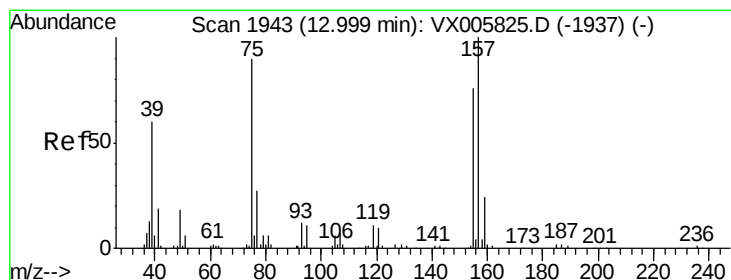
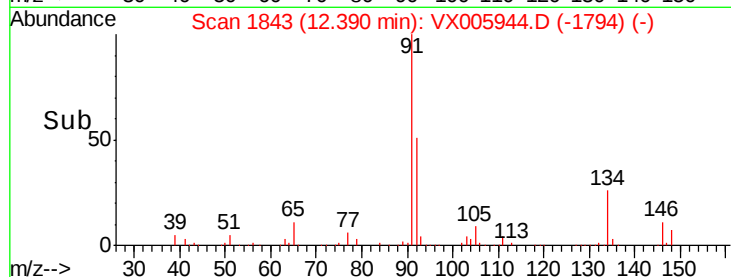
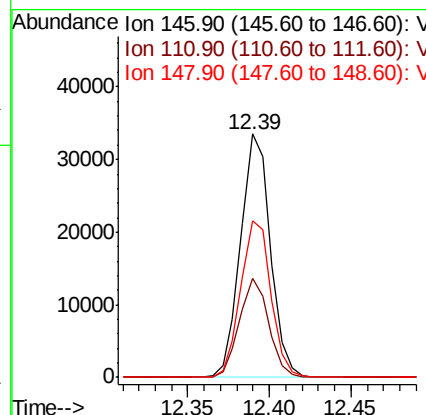
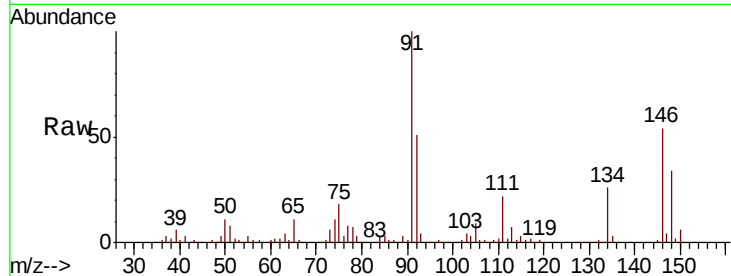




#91
 1,2-Dichlorobenzene
 Concen: 19.490 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005944.D
 Acq: 13 Nov 2018 13:14

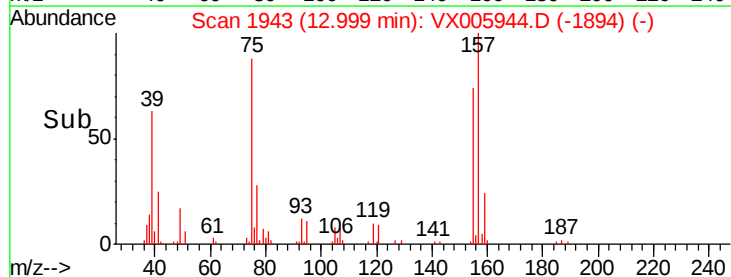
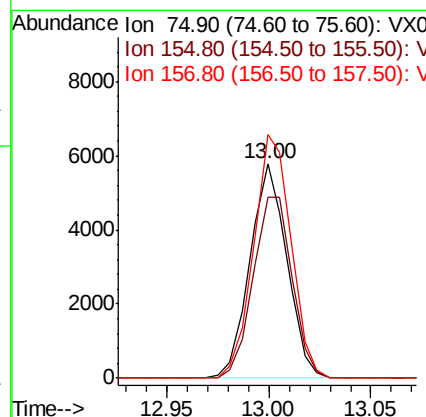
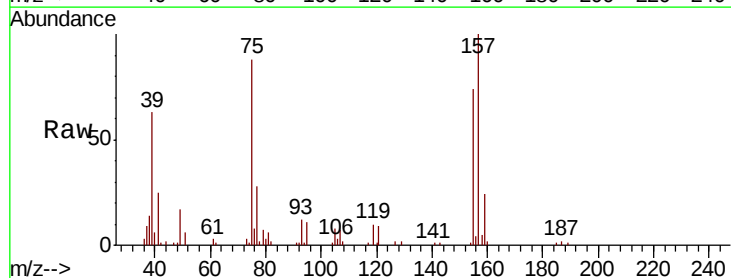
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBS01

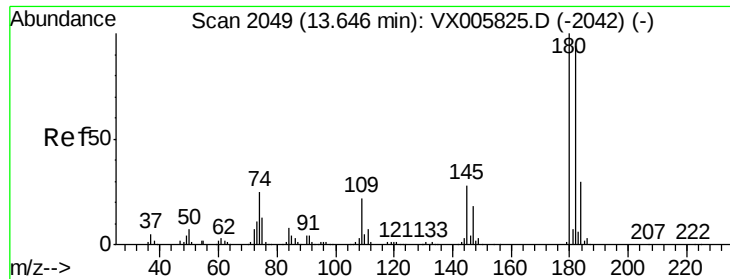
Tot Ion:146 Resp: 42829
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 59.9
 148 65.4 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.966 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005944.D
 Acq: 13 Nov 2018 13:14

Tgt Ion: 75 Resp: 7252
 Ion Ratio Lower Upper
 75 100
 155 89.7 45.4 136.1
 157 115.3 57.4 172.0

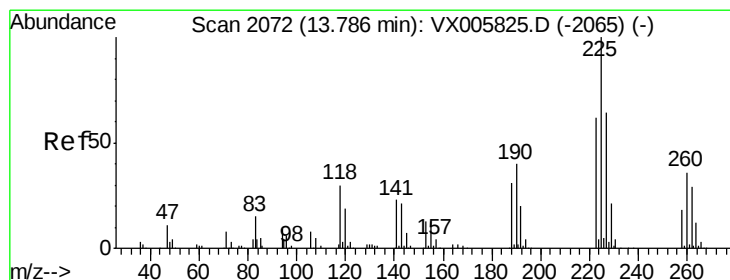
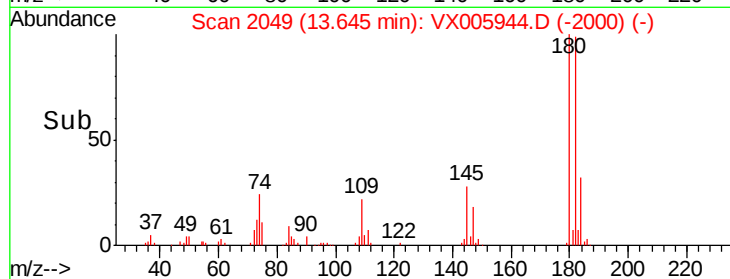
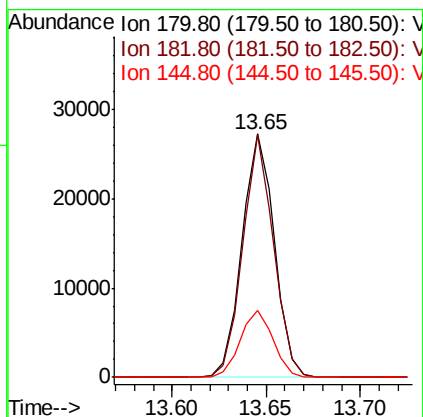
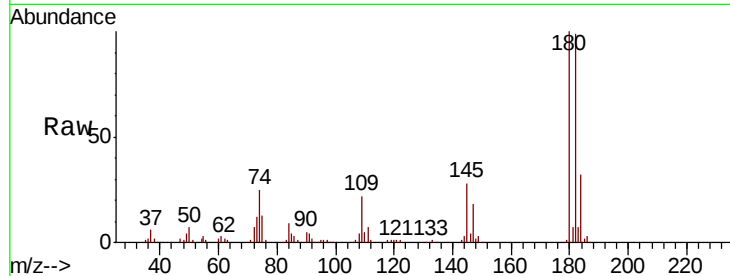




#93
 1,2,4-Trichlorobenzene
 Concen: 20.891 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005944.D
 Acq: 13 Nov 2018 13:14

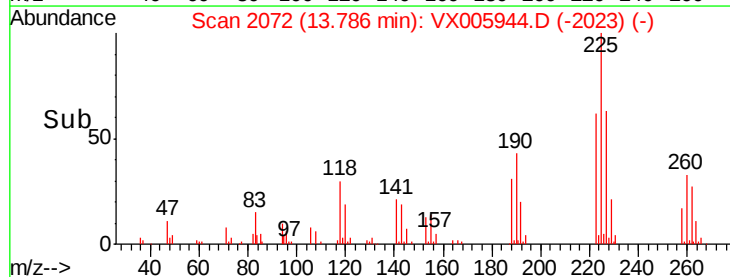
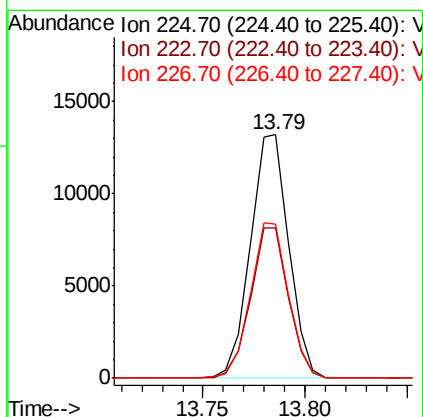
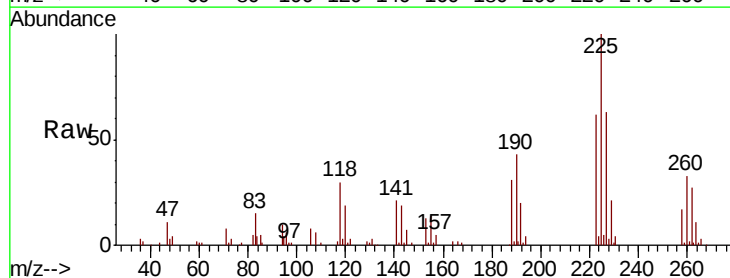
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.6	142.8
145	28.0	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 21.243 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005944.D
 Acq: 13 Nov 2018 13:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	31.7	95.1
227	63.1	32.3	96.9





#95

Naphthalene

Concen: 19.153 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005944.D

Acq: 13 Nov 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBS01

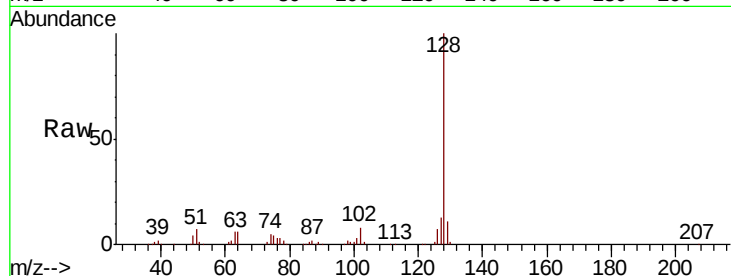
Tot Ion:128 Resp: 92873

Ion Ratio Lower Upper

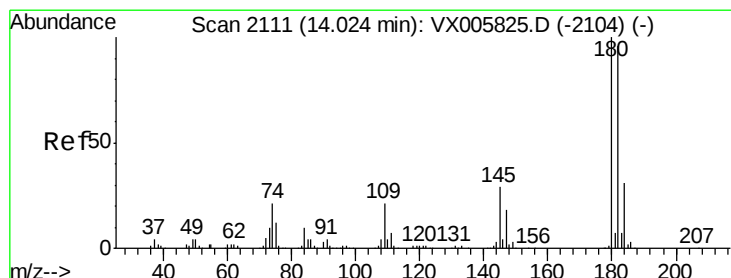
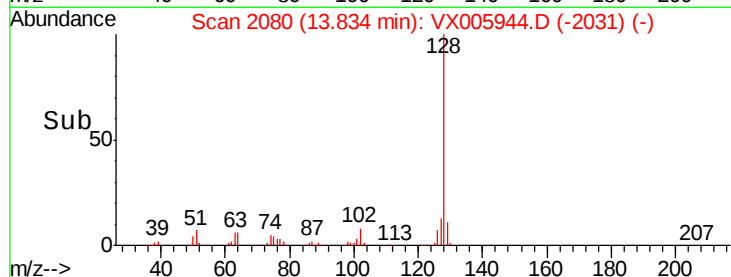
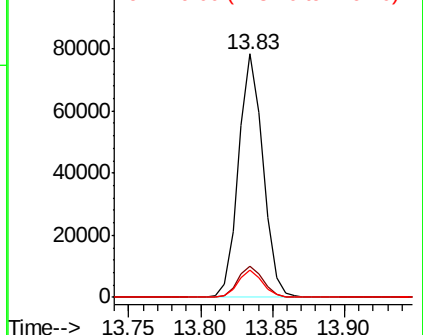
128 100

127 13.3 10.4 15.6

129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.895 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX005944.D

Acq: 13 Nov 2018 13:14

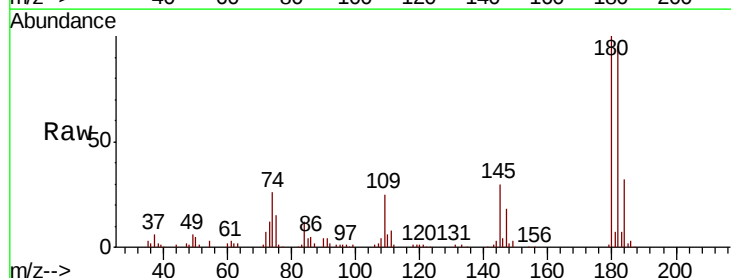
Tgt Ion:180 Resp: 32930

Ion Ratio Lower Upper

180 100

182 95.9 48.0 144.2

145 29.8 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

