

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
 Data File : VX019844.D
 Acq On : 10 Dec 2020 23:38
 Operator : JC/MD
 Sample : L4975-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 21222

Quant Time: Dec 11 03:00:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	336089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	554426	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	510581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	218636	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	211554	47.89	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.78%		
35) Dibromofluoromethane	5.46	113	169610	47.34	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.68%		
50) Toluene-d8	8.70	98	678120	49.57	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.14%		
62) 4-Bromofluorobenzene	11.12	95	237618	45.64	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.28%		

Target Compounds

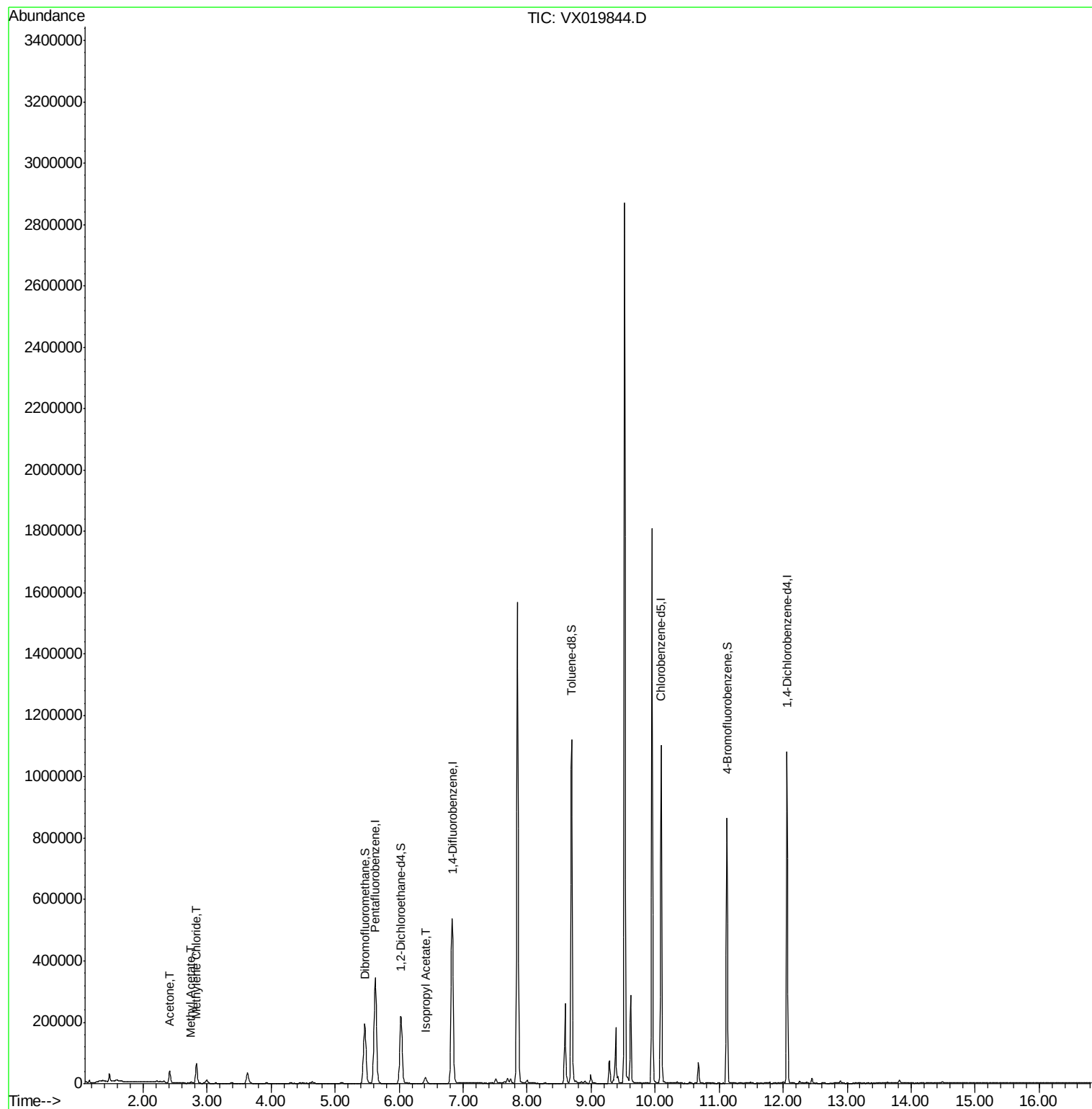
					Qvalue
16) Acetone	2.42	43	39641	23.876	ug/l 97
18) Methyl Acetate	2.75	43	5152	1.268	ug/l 94
20) Methylene Chloride	2.83	84	31494	7.088	ug/l 99
43) Isopropyl Acetate	6.41	43	24444	2.972	ug/l 98

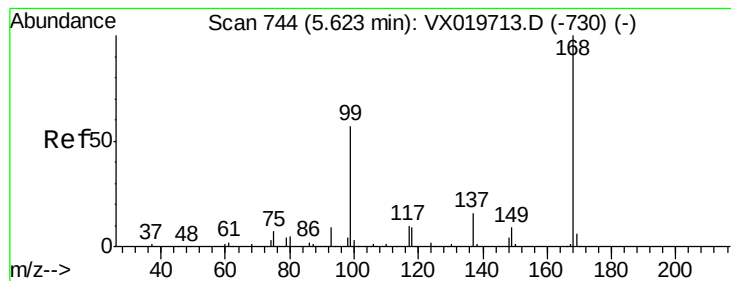
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121020\
Data File : VX019844.D
Acq On : 10 Dec 2020 23:38
Operator : JC/MD
Sample : L4975-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
21222

Quant Time: Dec 11 03:00:36 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019844.D

Acq: 10 Dec 2020 23:38

Instrument :

MSVOA_X

ClientSampleId :

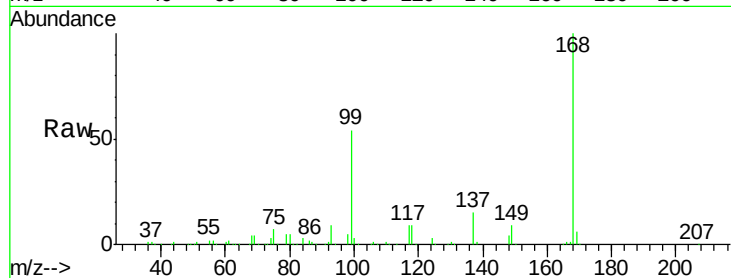
21222

Tot Ion:168 Resp: 336089

Ion Ratio Lower Upper

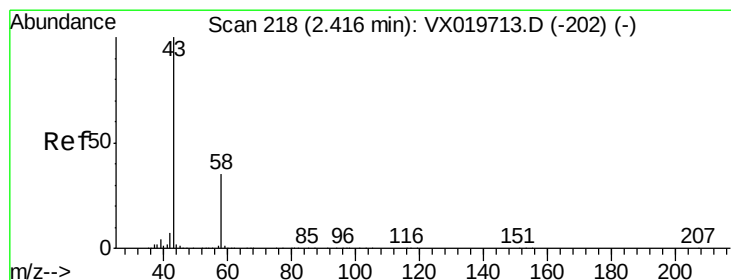
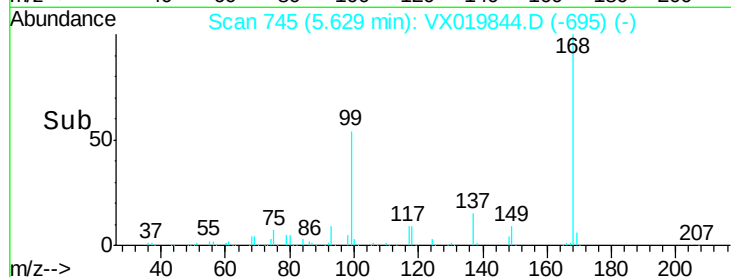
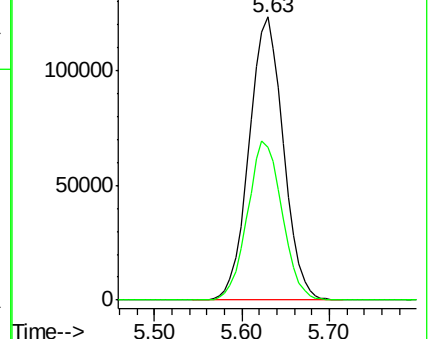
168 100

99 54.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 23.876 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019844.D

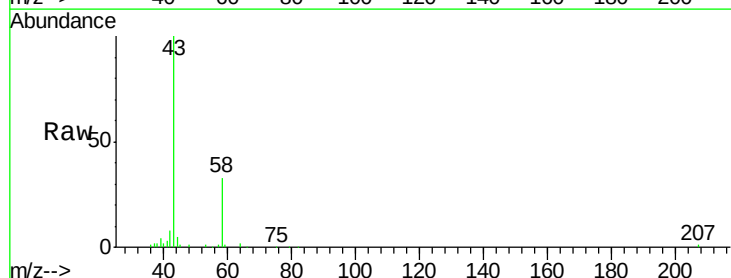
Acq: 10 Dec 2020 23:38

Tgt Ion: 43 Resp: 39641

Ion Ratio Lower Upper

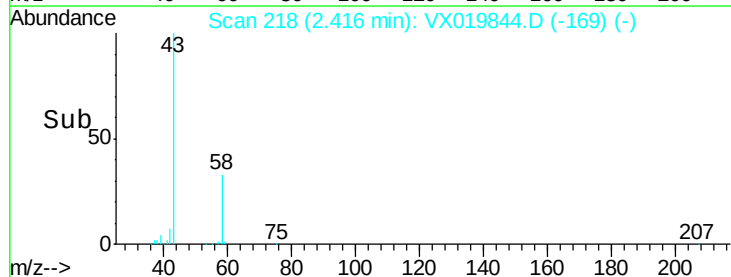
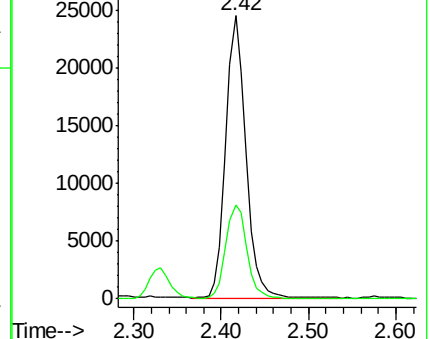
43 100

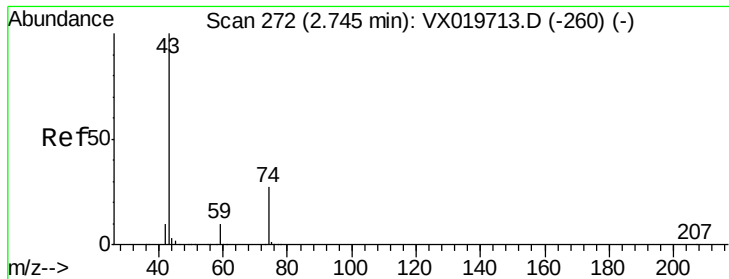
58 33.0 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

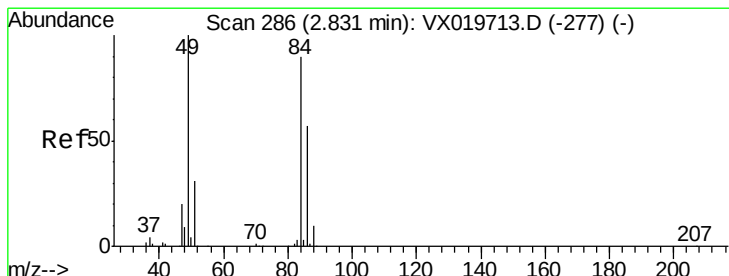
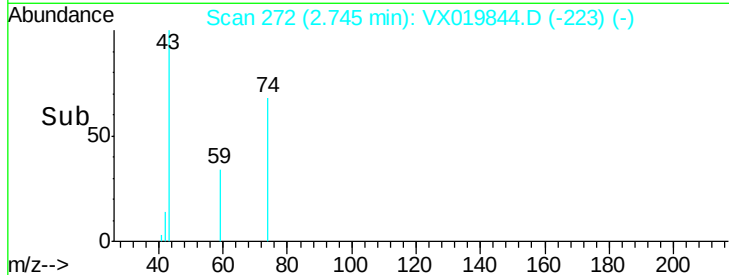
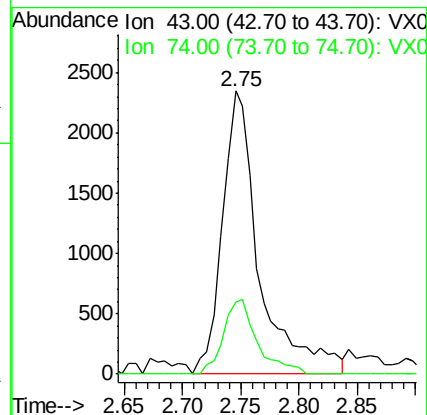
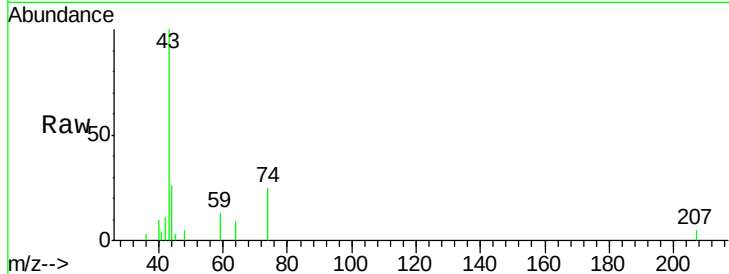




#18
Methvl Acetate
Concen: 1.268 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX019844.D
Acq: 10 Dec 2020 23:38

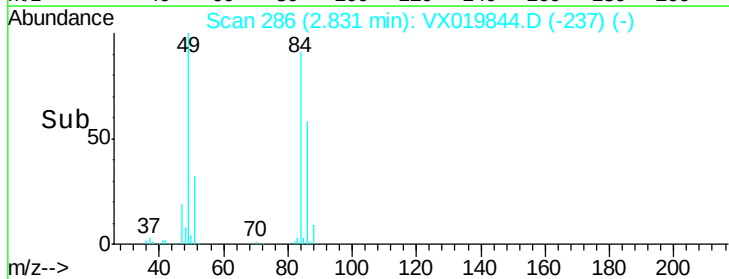
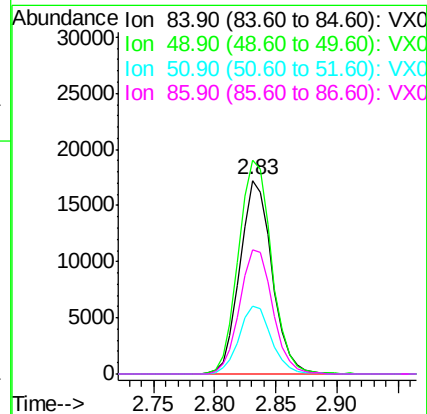
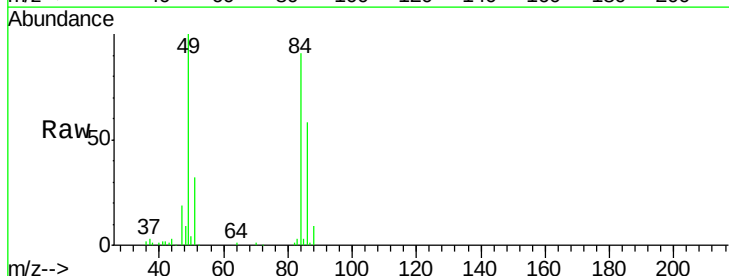
Instrument :
MSVOA_X
ClientSampled :
21222

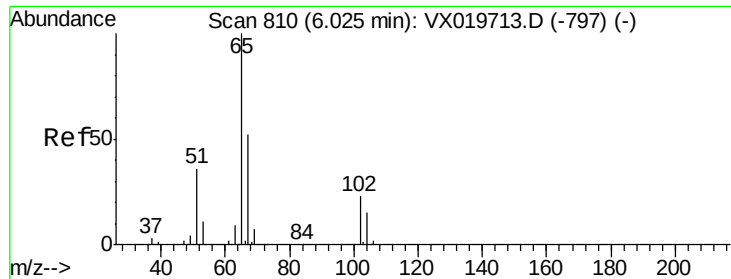
Tot Ion: 43 Resp: 5152
Ion Ratio Lower Upper
43 100
74 24.2 21.9 32.9



#20
Methylene Chloride
Concen: 7.088 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019844.D
Acq: 10 Dec 2020 23:38

Tgt Ion: 84 Resp: 31494
Ion Ratio Lower Upper
84 100
49 110.2 88.6 132.8
51 34.8 27.0 40.6
86 64.0 50.3 75.5

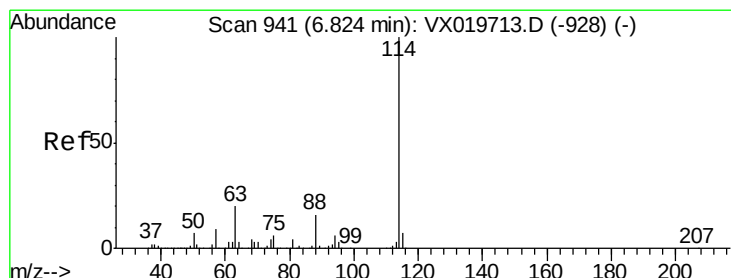
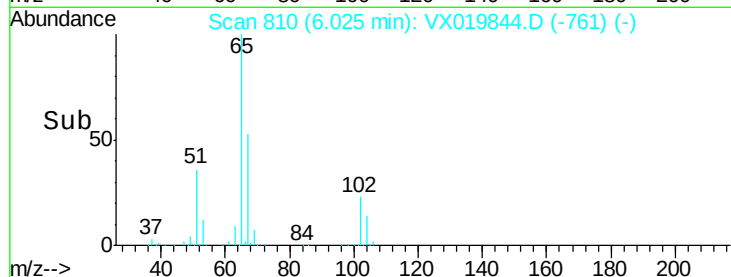
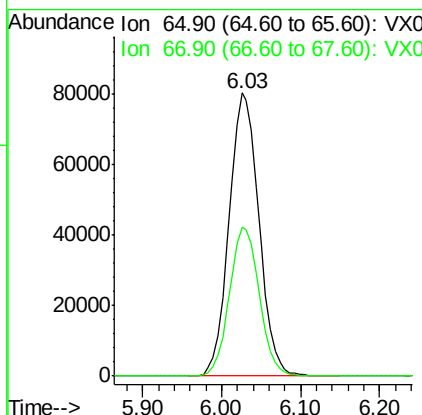
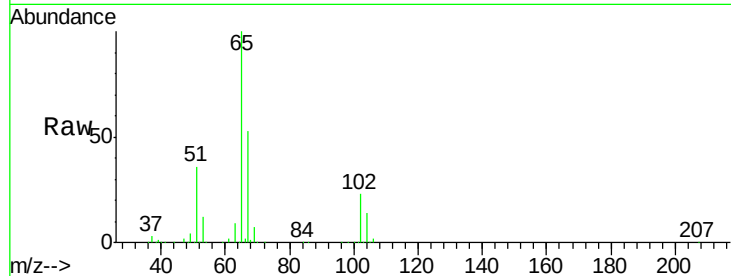




#33
 1,2-Dichloroethane-d4
 Concen: 47.893 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: VX019844.D
 Acq: 10 Dec 2020 23:38

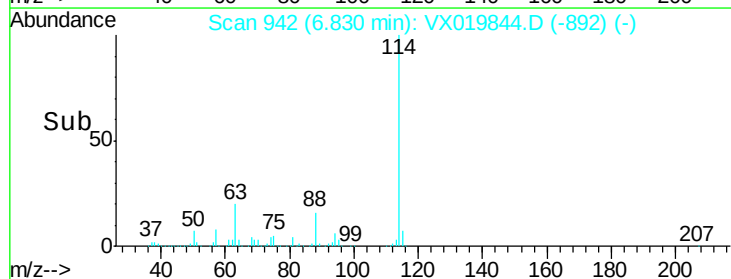
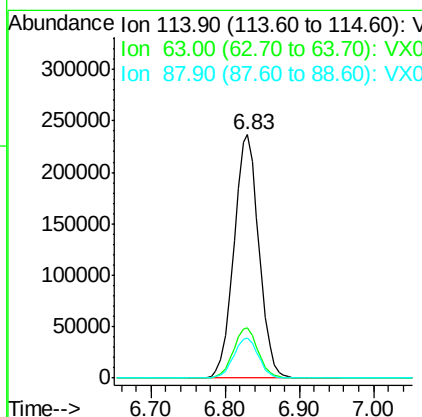
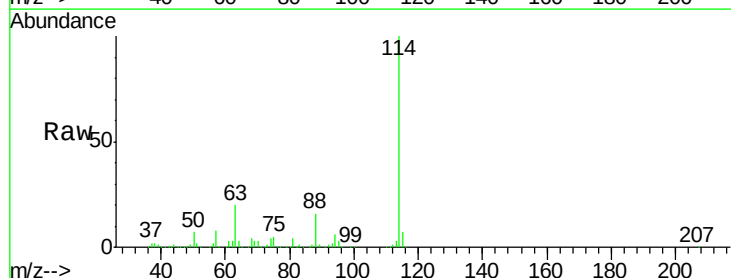
Instrument :
 MSVOA_X
 ClientSampleId :
 21222

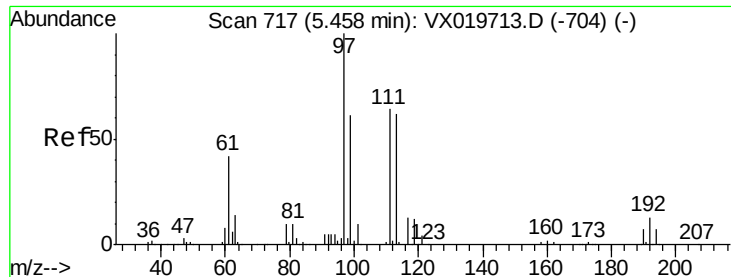
Tot Ion: 65 Resp: 211554
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019844.D
 Acq: 10 Dec 2020 23:38

Tgt Ion: 114 Resp: 554426
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.8
 88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.335 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019844.D

Acq: 10 Dec 2020 23:38

Instrument :

MSVOA_X

ClientSampled :

21222

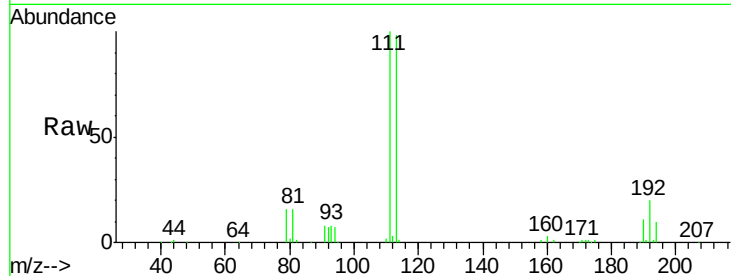
Tot Ion:113 Resp: 169610

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

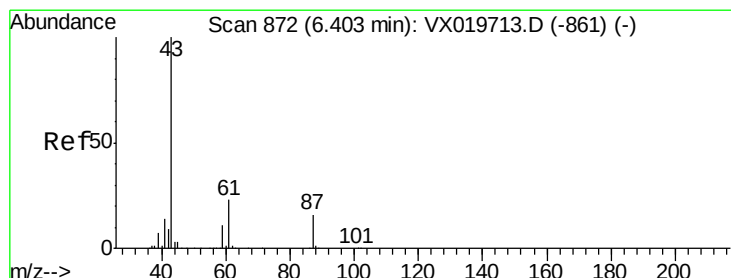
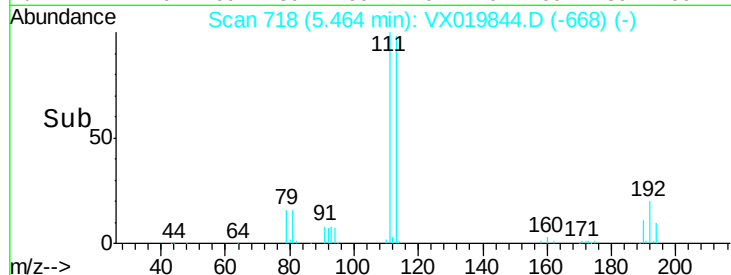
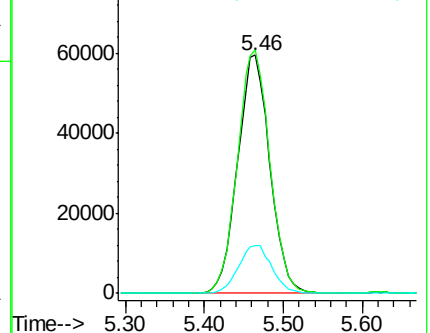
192 20.7 16.7 25.1



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



#43

Isopropyl Acetate

Concen: 2.972 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019844.D

Acq: 10 Dec 2020 23:38

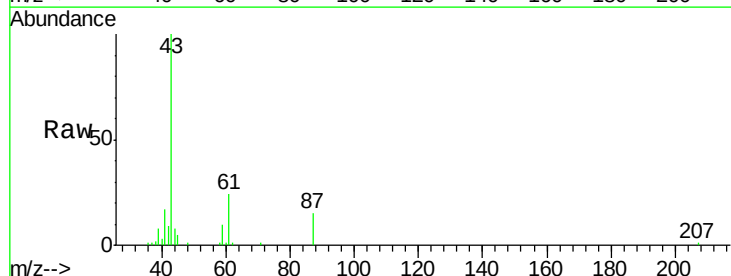
Tgt Ion: 43 Resp: 24444

Ion Ratio Lower Upper

43 100

61 22.2 18.2 27.4

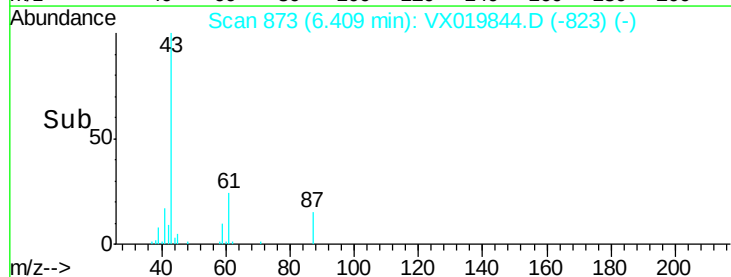
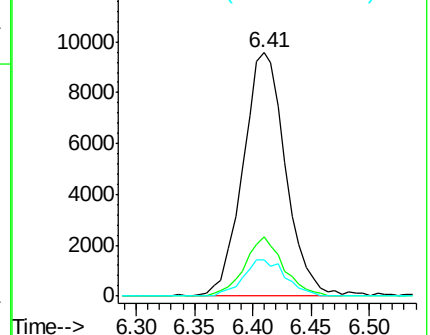
87 14.8 12.5 18.7

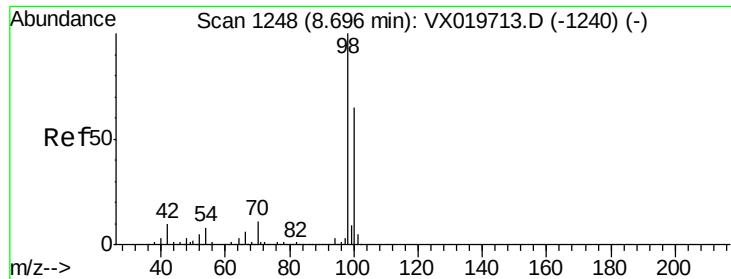


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

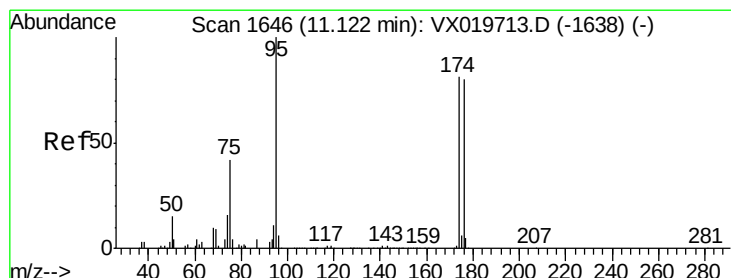
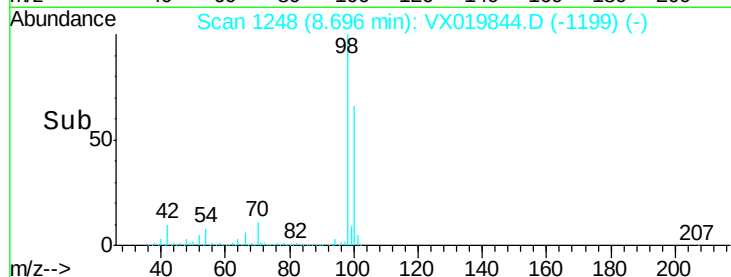
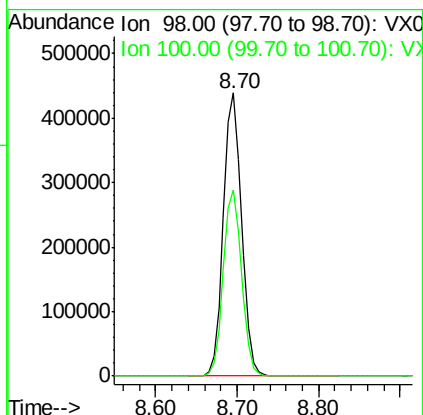
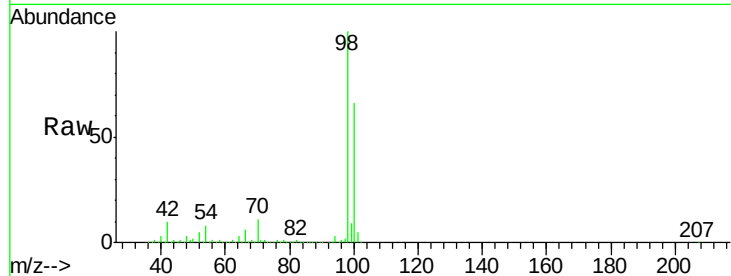




#50
Toluene-d8
Concen: 49.572 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019844.D
Acq: 10 Dec 2020 23:38

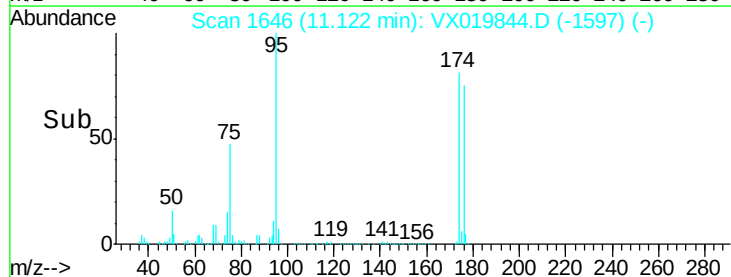
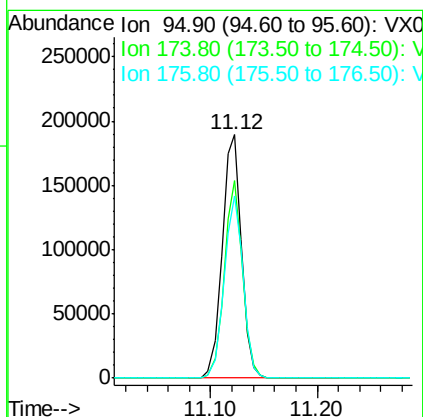
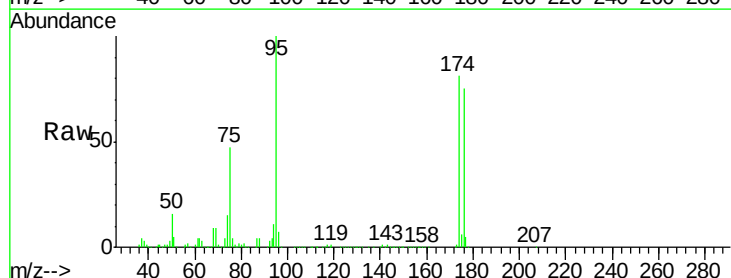
Instrument :
MSVOA_X
ClientSampleId :
21222

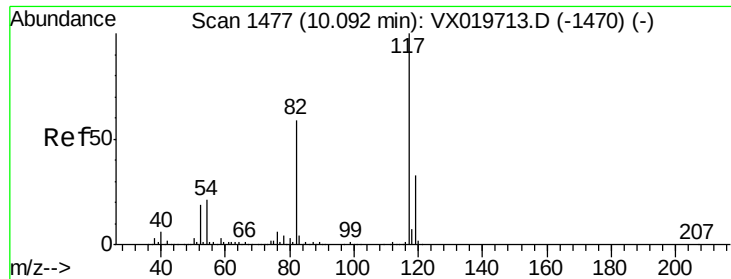
Tot Ion: 98 Resp: 678120
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.637 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019844.D
Acq: 10 Dec 2020 23:38

Tgt Ion: 95 Resp: 237618
Ion Ratio Lower Upper
95 100
174 77.1 0.0 154.6
176 74.0 0.0 155.8

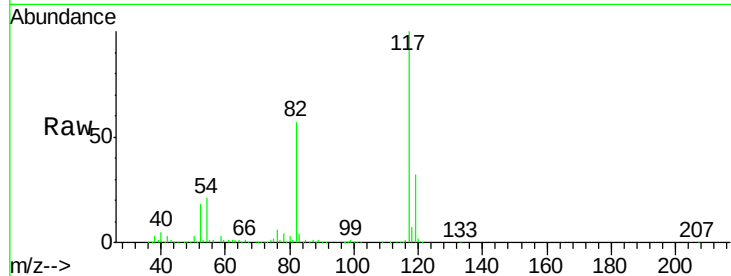




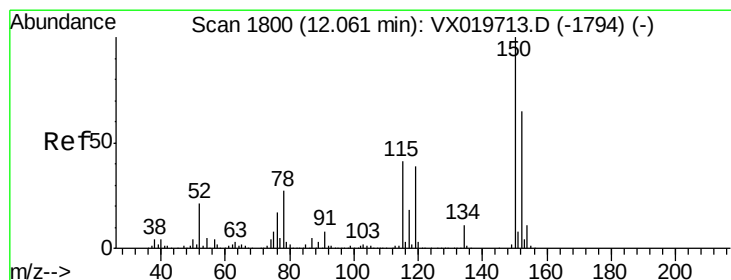
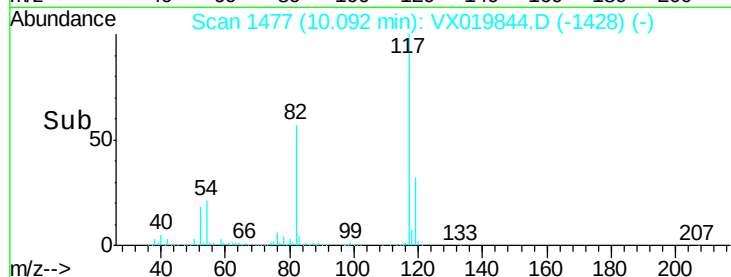
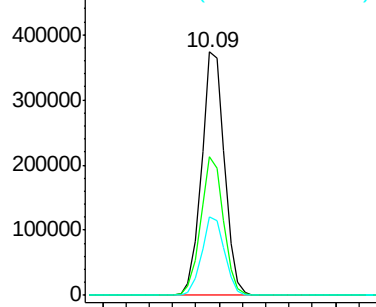
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019844.D
Acq: 10 Dec 2020 23:38

Instrument :
MSVOA_X
ClientSampleId :
21222

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.0	47.4	71.2
119	32.1	26.6	39.8

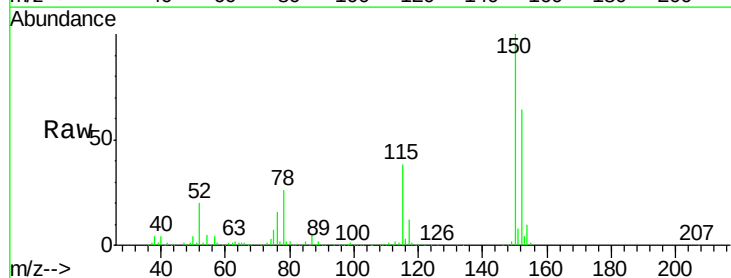


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019844.D
Acq: 10 Dec 2020 23:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	41.1	123.3
150	155.7	0.0	349.0



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

