

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042920\
 Data File : VX015977.D
 Acq On : 29 Apr 2020 15:17
 Operator : JC/SP
 Sample : L2405-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 30 05:35:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	274050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	442183	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	431666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	227932	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	173222	48.34	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.68%	
35) Dibromofluoromethane	5.47	113	131327	47.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.22%	
50) Toluene-d8	8.70	98	541052	52.46	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.92%	
62) 4-Bromofluorobenzene	11.12	95	218059	53.91	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.82%	

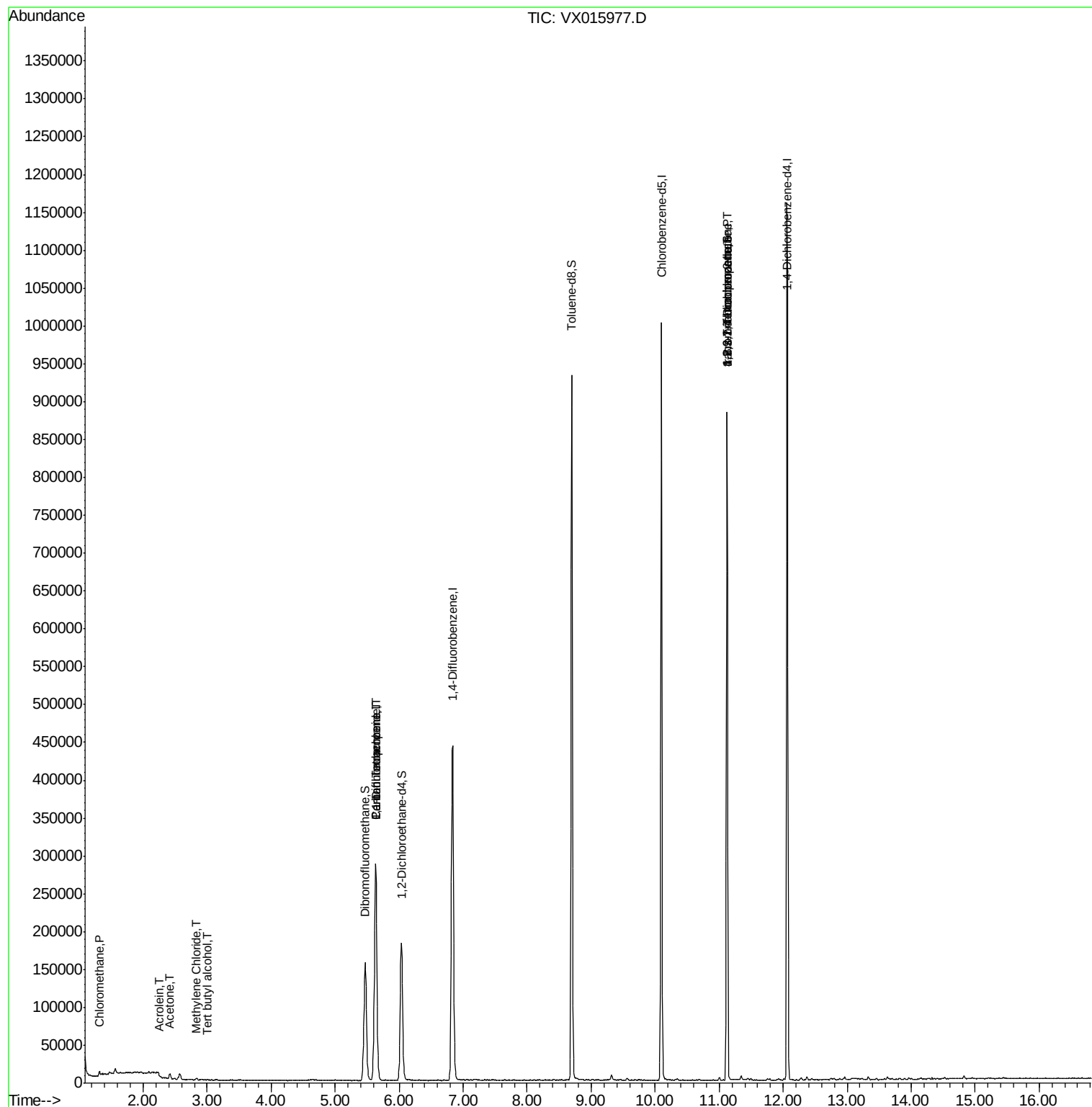
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	2706	0.910	ug/l	95
11) Tert butyl alcohol	3.00	59	586	0.674	ug/l #	68
13) Acrolein	2.26	56	289	1.322	ug/l #	14
16) Acetone	2.42	43	7493	4.890	ug/l	95
20) Methylene Chloride	2.84	84	894	0.295	ug/l #	74
36) 1,1-Dichloropropene	5.64	75	20832	4.946	ug/l #	50
38) Carbon Tetrachloride	5.64	117	26575	5.974	ug/l #	16
75) 1,1,2,2-Tetrachloroethane	11.12	83	253	3.766	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	114788	24.000	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	114788	56.716	ug/l #	10

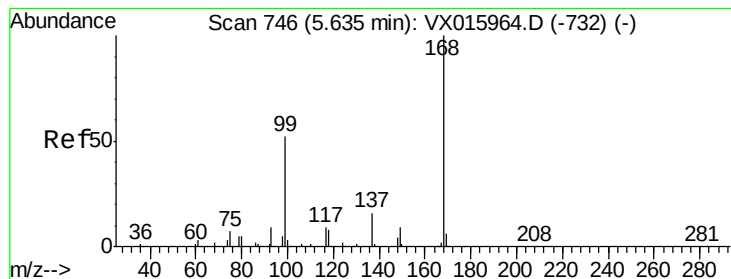
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042920\
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Quant Time: Apr 30 05:35:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 28 17:30:11 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX015977.D

Acq: 29 Apr 2020 15:17

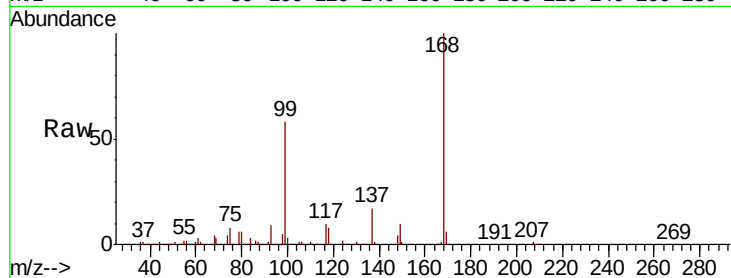
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 274050

Ion Ratio Lower Upper

168 100

99 57.6 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

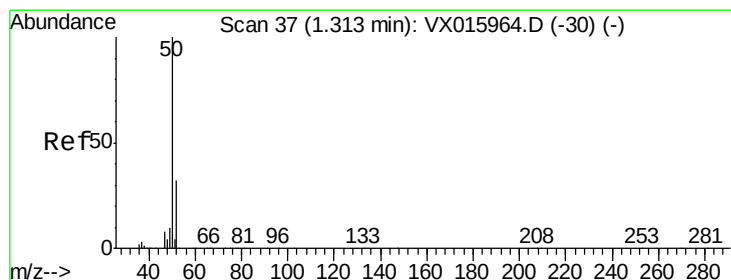
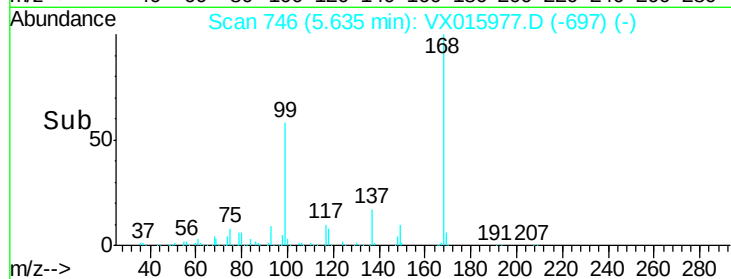
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.910 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX015977.D

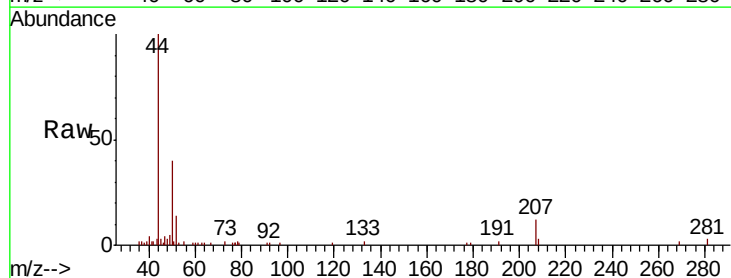
Acq: 29 Apr 2020 15:17

Tgt Ion: 50 Resp: 2706

Ion Ratio Lower Upper

50 100

52 34.6 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

2500

2000

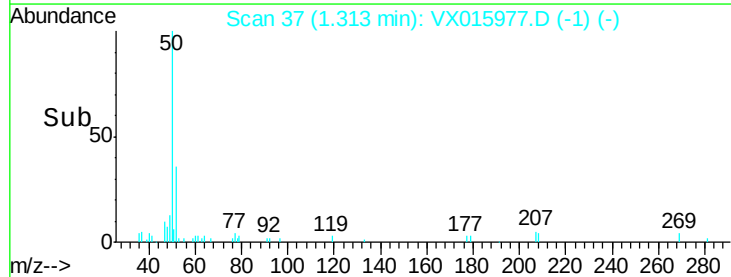
1500

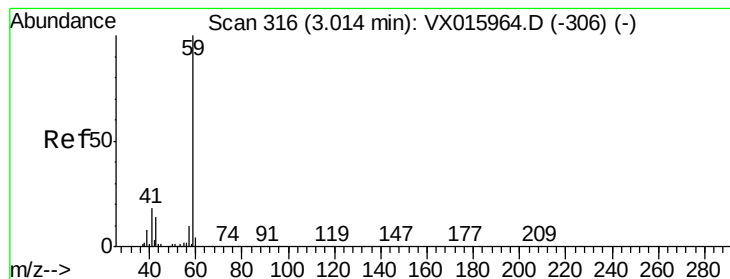
1000

500

0

Time-->



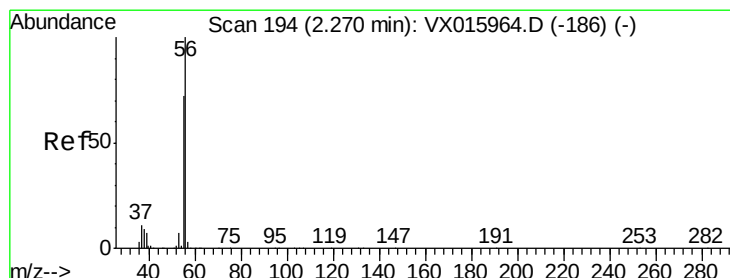
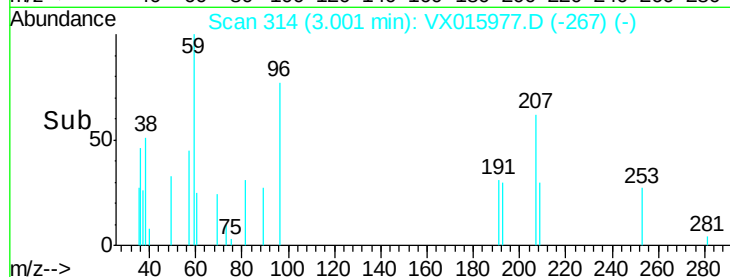
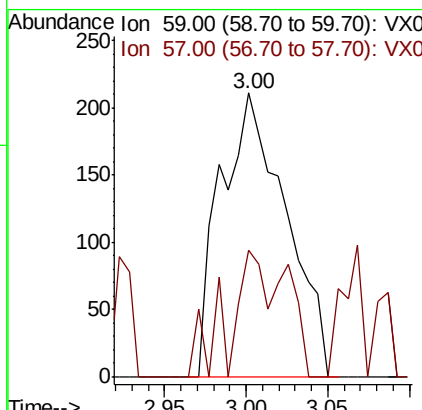
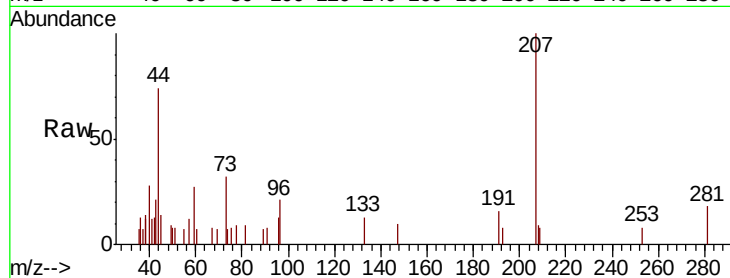


#11

Tert butyl alcohol
 Concen: 0.674 ug/l
 RT: 3.00 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX015977.D
 Acq: 29 Apr 2020 15:17

Instrument :
 MSVOA_X
 ClientSampled :

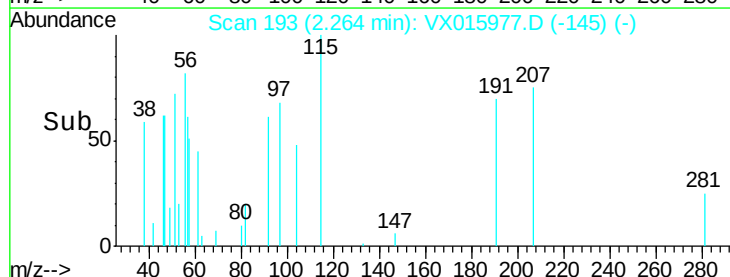
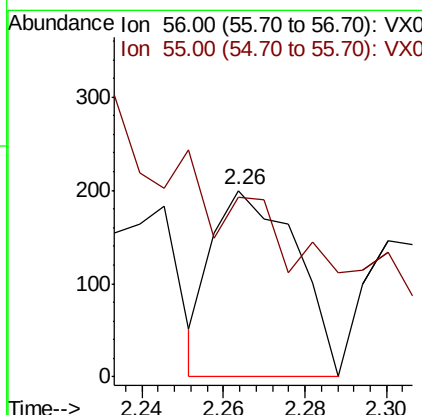
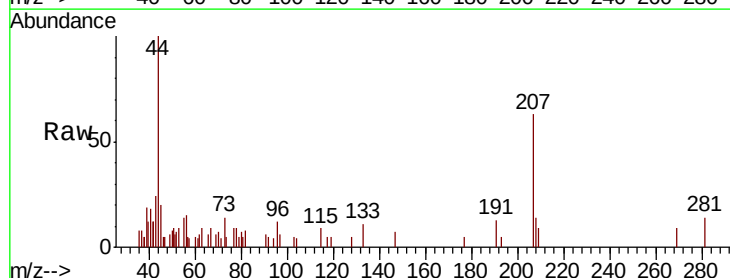
Tot Ion: 59 Resp: 586
 Ion Ratio Lower Upper
 59 100
 57 22.2 8.3 12.5#

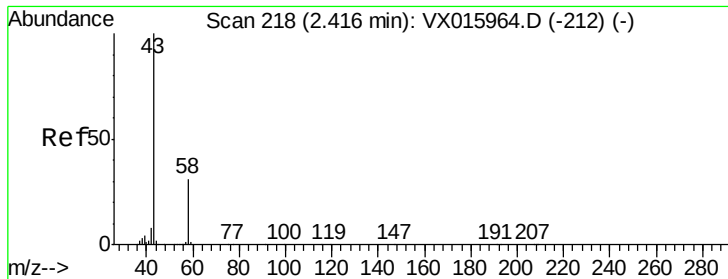


#13

Acrolein
 Concen: 1.322 ug/l
 RT: 2.26 min Scan# 193
 Delta R.T. -0.01 min
 Lab File: VX015977.D
 Acq: 29 Apr 2020 15:17

Tgt Ion: 56 Resp: 289
 Ion Ratio Lower Upper
 56 100
 55 0.0 56.9 85.3#

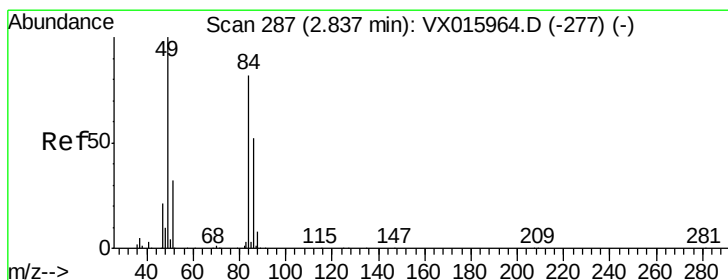
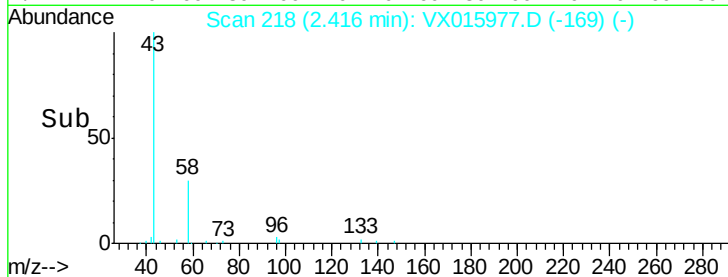
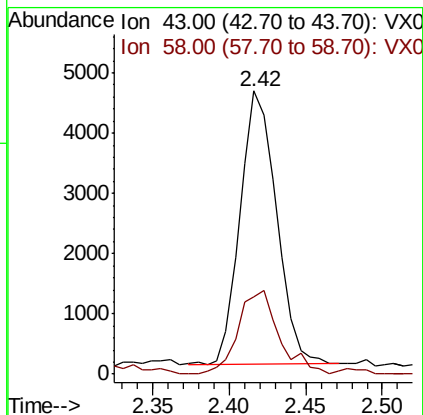
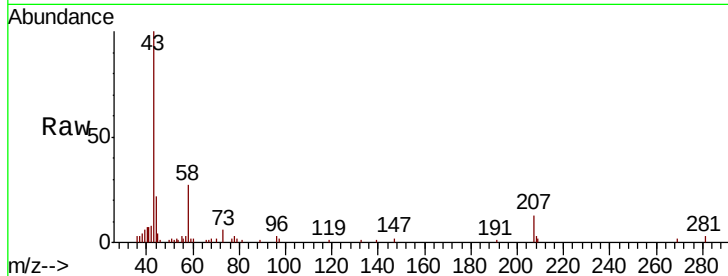




#16
Acetone
Concen: 4.890 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX015977.D
Acq: 29 Apr 2020 15:17

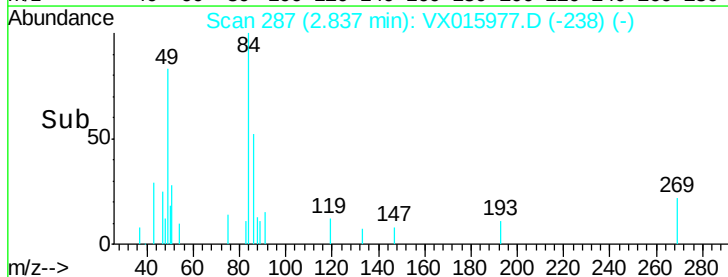
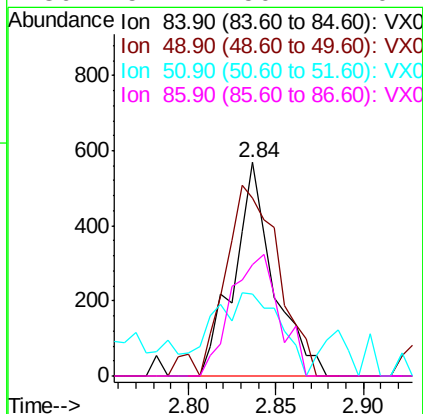
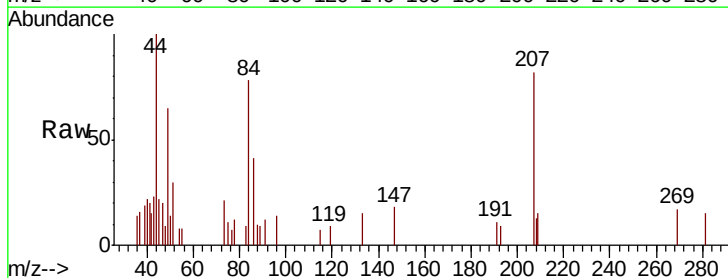
Instrument :
MSVOA_X
ClientSampled :

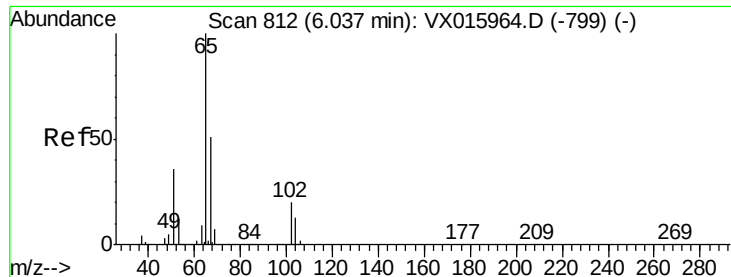
Tot Ion: 43 Resp: 7493
Ion Ratio Lower Upper
43 100
58 28.4 25.1 37.7



#20
Methylene Chloride
Concen: 0.295 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX015977.D
Acq: 29 Apr 2020 15:17

Tgt Ion: 84 Resp: 894
Ion Ratio Lower Upper
84 100
49 83.3 97.9 146.9#
51 27.6 31.2 46.8#
86 52.2 50.7 76.1

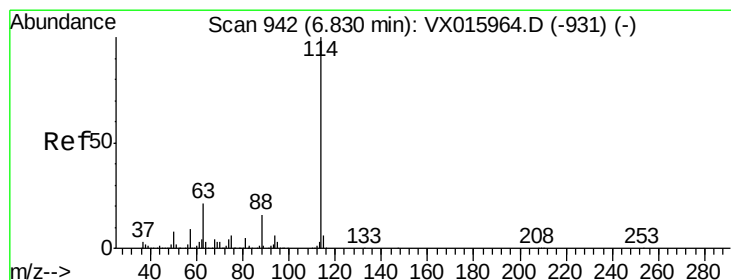
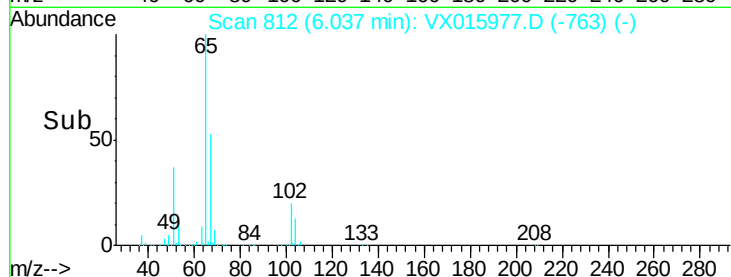
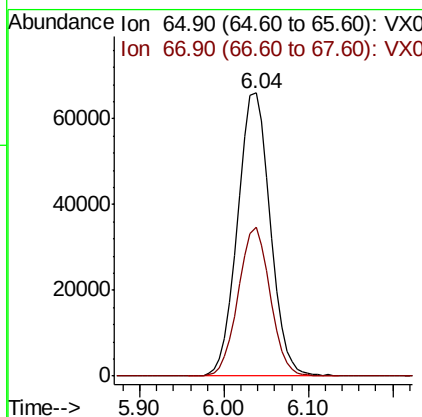
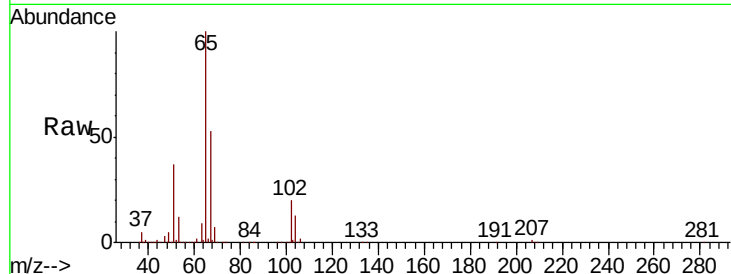




#33
 1,2-Dichloroethane-d4
 Concen: 48.344 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: VX015977.D
 Acq: 29 Apr 2020 15:17

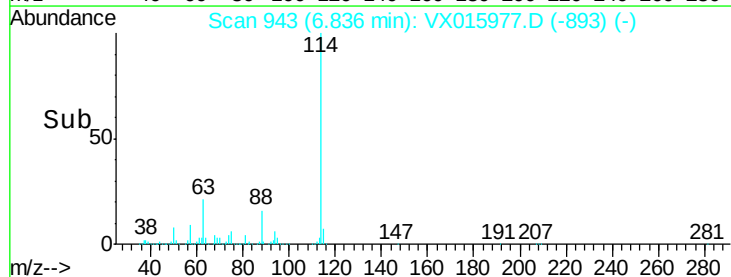
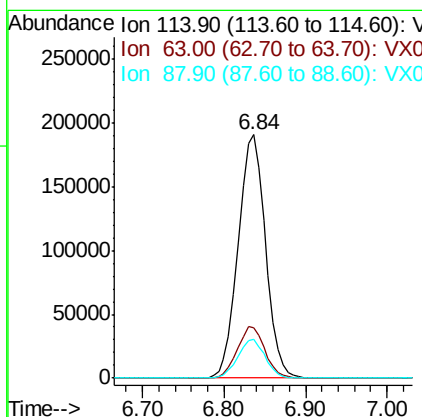
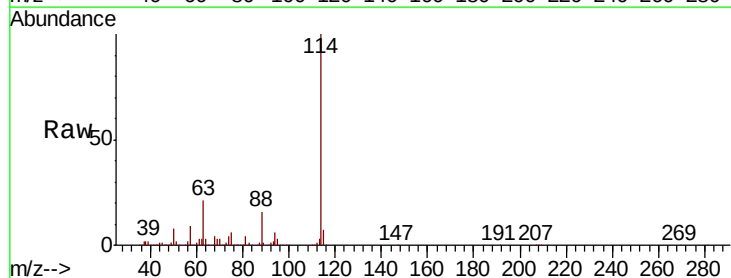
Instrument :
 MSVOA_X
 ClientSampleId :

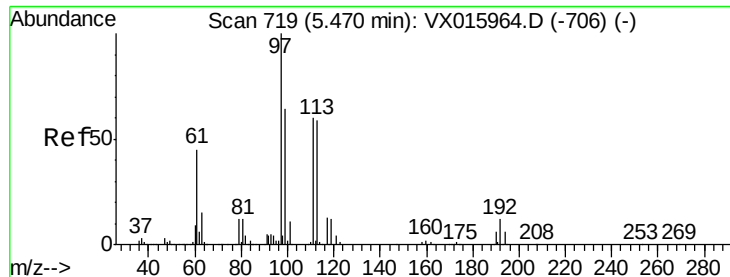
Tot Ion: 65 Resp: 173222
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX015977.D
 Acq: 29 Apr 2020 15:17

Tgt Ion: 114 Resp: 442183
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.2
 88 15.8 0.0 31.8

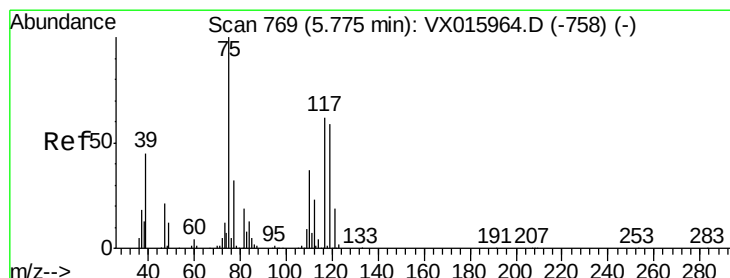
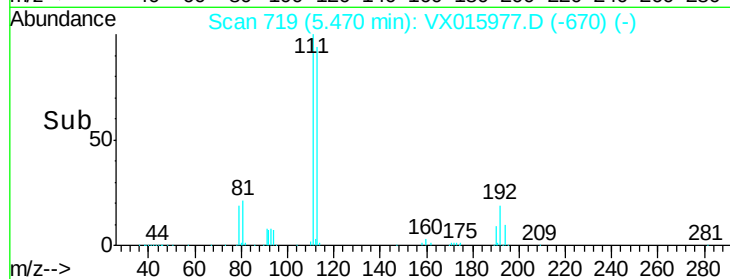
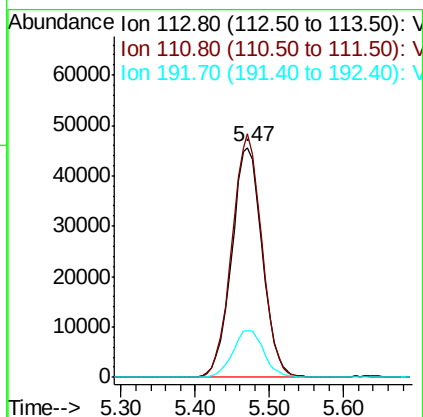
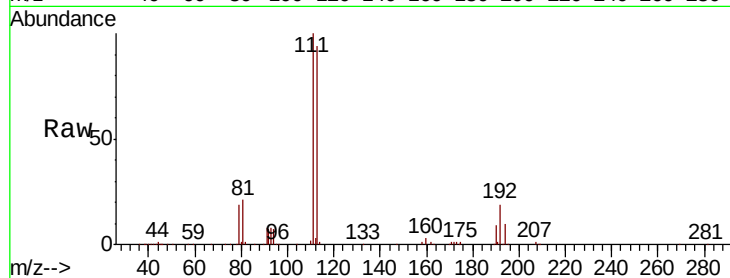




#35
Dibromofluoromethane
Concen: 47.611 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.00 min
Lab File: VX015977.D
Acq: 29 Apr 2020 15:17

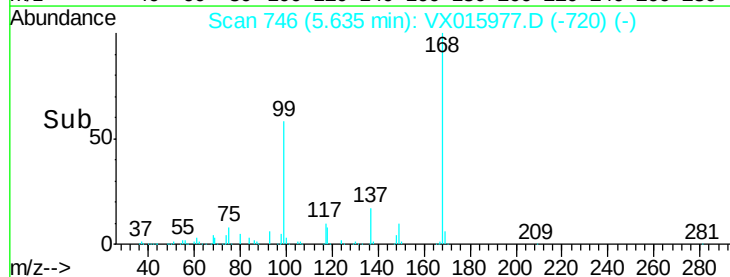
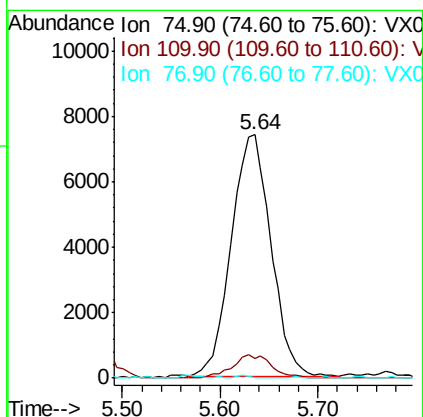
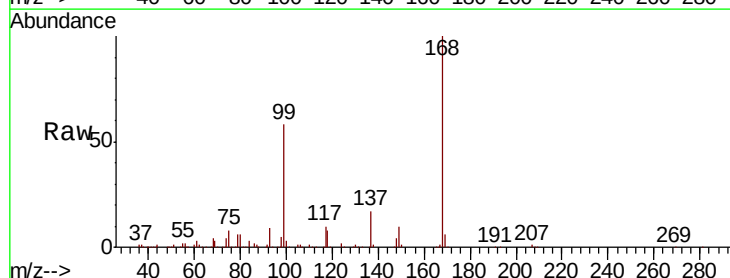
Instrument :
MSVOA_X
ClientSampleId :

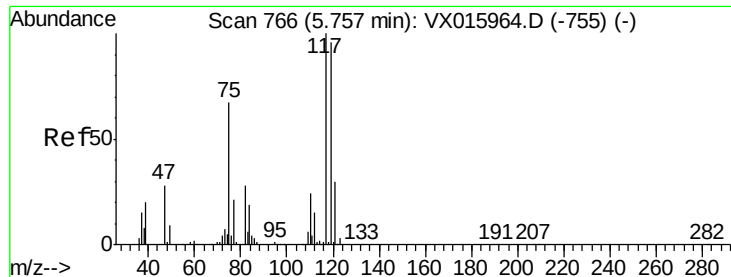
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.8	122.8
192	20.8	16.8	25.2



#36
1,1-Dichloropropene
Concen: 4.946 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.14 min
Lab File: VX015977.D
Acq: 29 Apr 2020 15:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.9	53.7#
77	0.4	25.2	37.8#

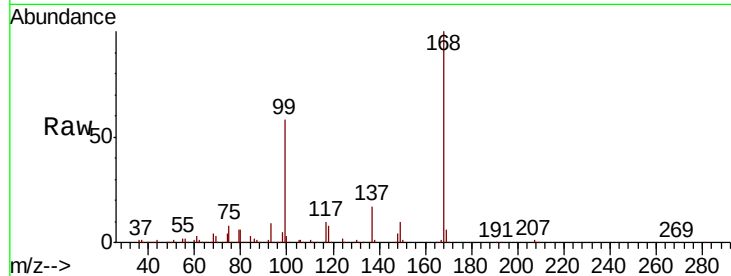




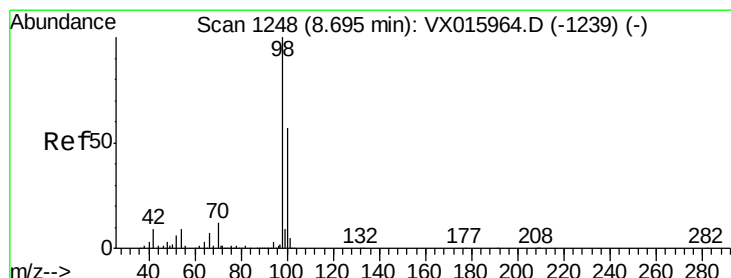
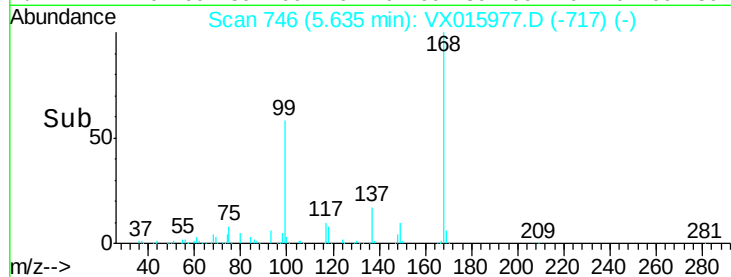
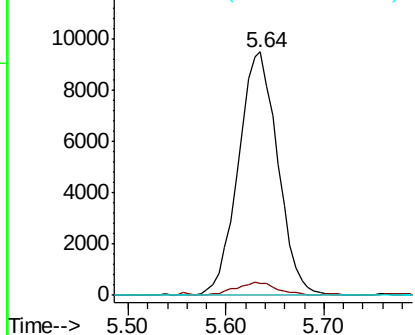
#38
Carbon Tetrachloride
Concen: 5.974 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX015977.D
Acq: 29 Apr 2020 15:17

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 26575
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.4#
121 0.0 24.2 36.4#

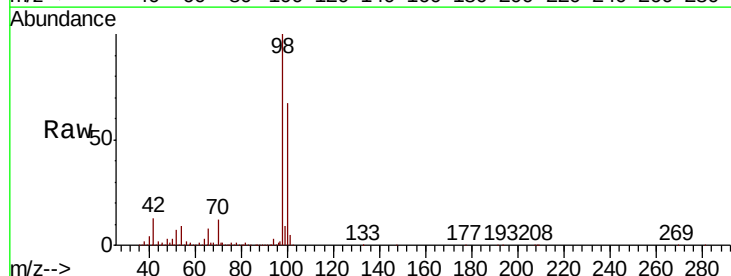


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

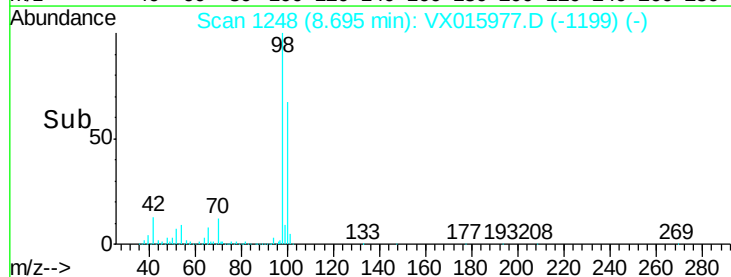
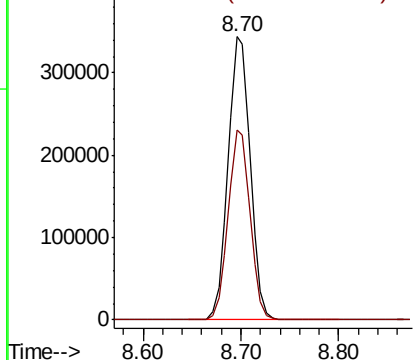


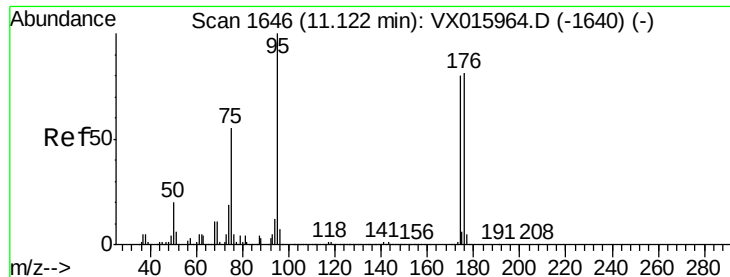
#50
Toluene-d8
Concen: 52.462 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX015977.D
Acq: 29 Apr 2020 15:17

Tgt Ion: 98 Resp: 541052
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 53.908 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX015977.D

Acq: 29 Apr 2020 15:17

Instrument :

MSVOA_X

ClientSampleId :

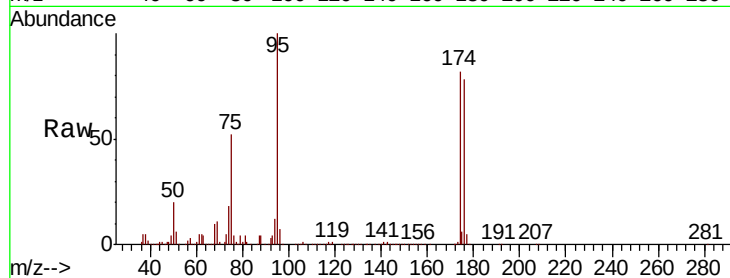
Tot Ion: 95 Resp: 218059

Ion Ratio Lower Upper

95 100

174 82.8 0.0 165.0

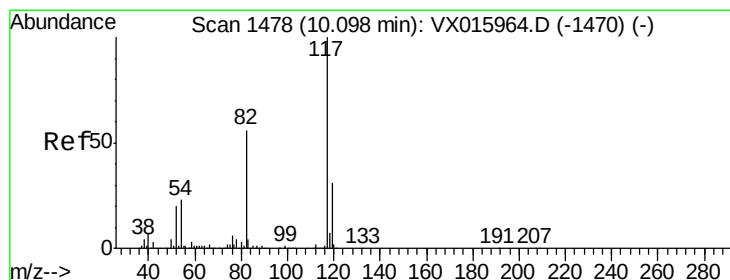
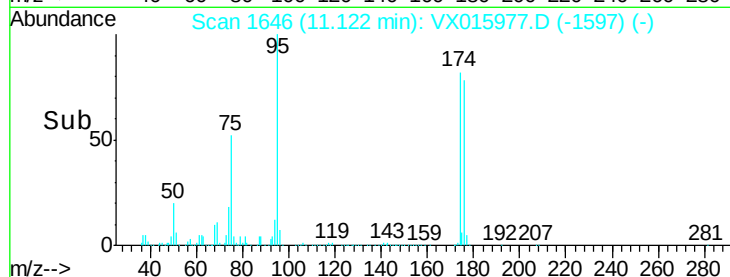
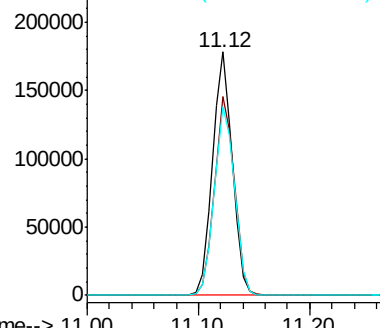
176 80.2 0.0 163.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX015977.D

Acq: 29 Apr 2020 15:17

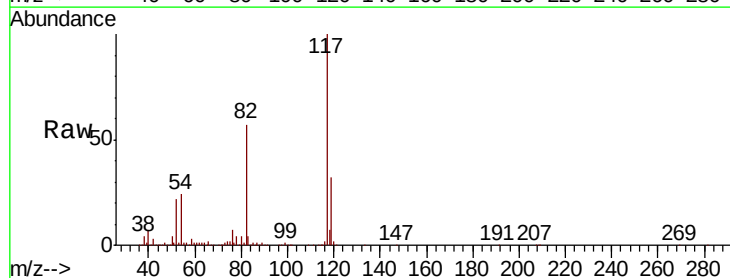
Tgt Ion: 117 Resp: 431666

Ion Ratio Lower Upper

117 100

82 56.6 44.5 66.7

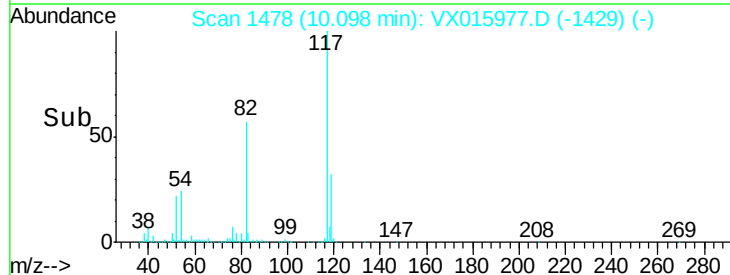
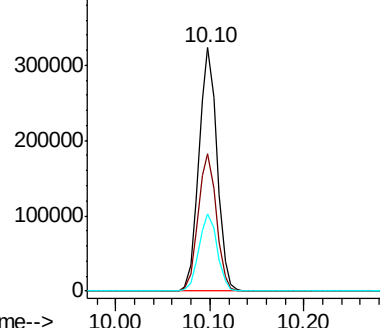
119 31.7 25.0 37.6

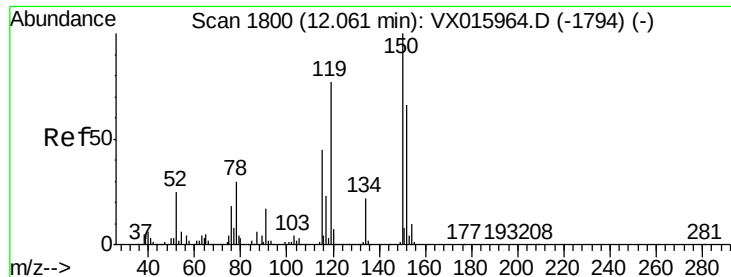


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

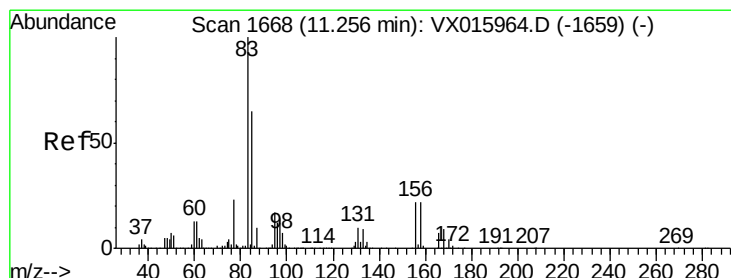
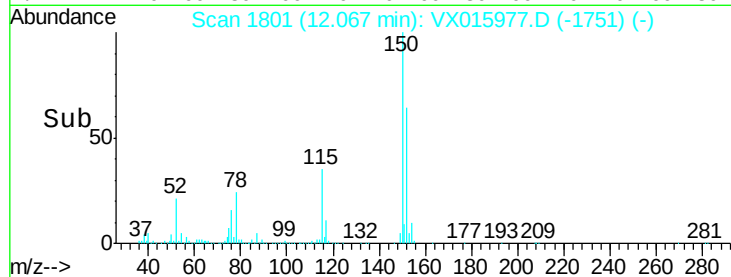
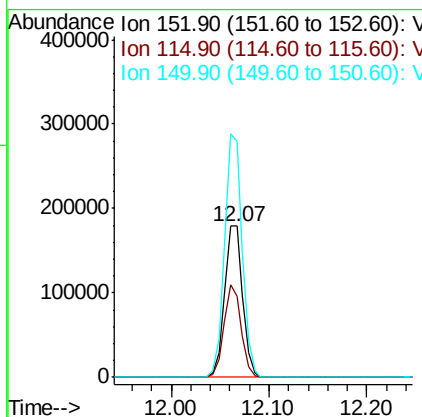
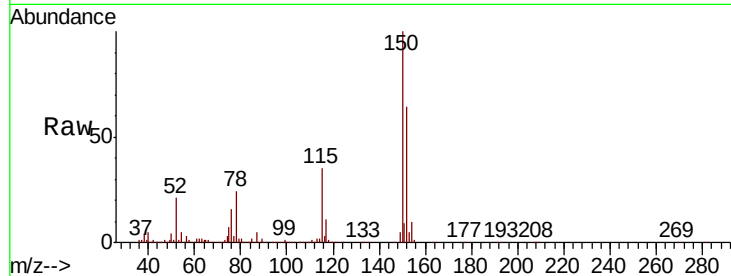




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1801
 Delta R.T. 0.01 min
 Lab File: VX015977.D
 Acq: 29 Apr 2020 15:17

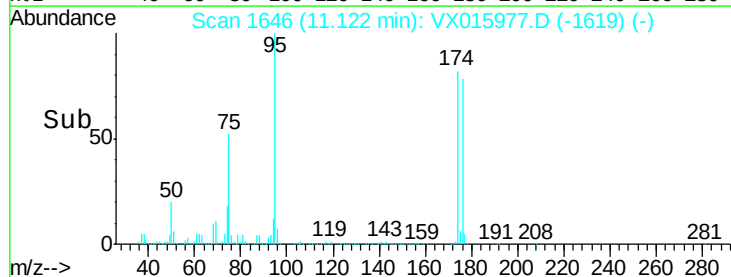
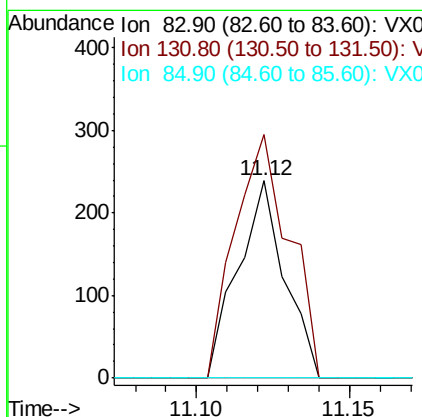
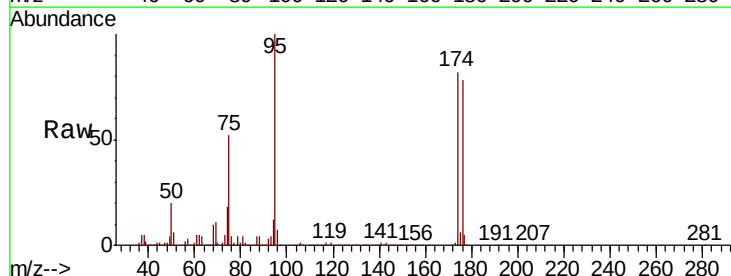
Instrument :
 MSVOA_X
 ClientSampleId :

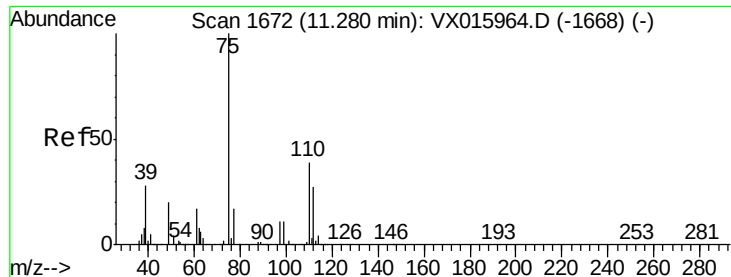
Tot Ion	Ratio	Lower	Upper
152	100		
115	58.3	40.9	122.7
150	157.5	0.0	342.4



#75
 1,1,2,2-Tetrachloroethane
 Concen: 3.766 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.13 min
 Lab File: VX015977.D
 Acq: 29 Apr 2020 15:17

Tgt Ion	Ratio	Lower	Upper
83	100		
131	142.7	5.1	15.4#
85	0.0	32.2	96.6#





#76

1,2,3-Trichloropropane

Concen: 24.000 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX015977.D

Acq: 29 Apr 2020 15:17

Instrument :

MSVOA_X

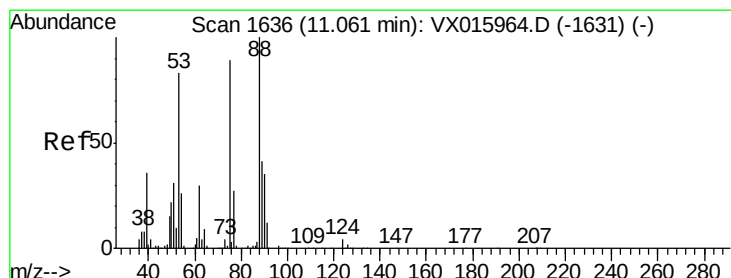
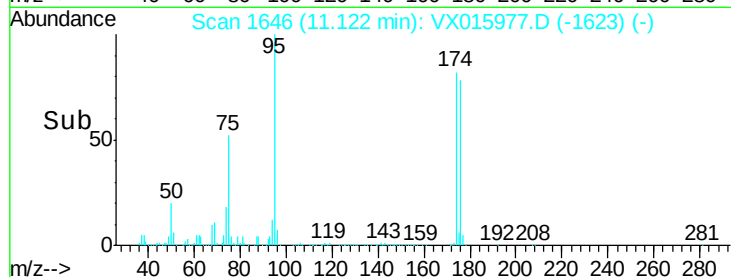
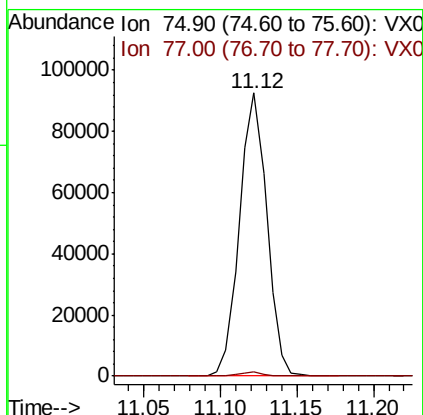
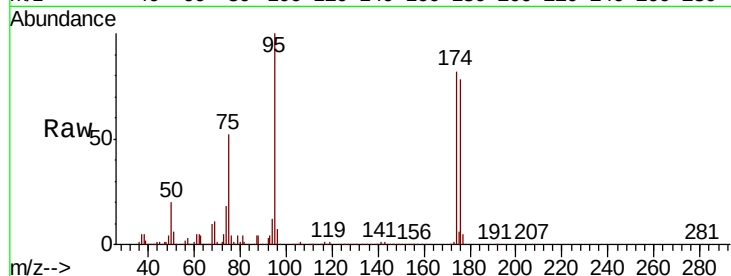
ClientSampled :

Tot Ion: 75 Resp: 114788

Ion Ratio Lower Upper

75 100

77 1.3 21.6 65.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 56.716 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX015977.D

Acq: 29 Apr 2020 15:17

Tgt Ion: 75 Resp: 114788

Ion Ratio Lower Upper

75 100

53 0.0 78.3 117.5#

89 0.0 37.2 55.8#

