

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061220\
 Data File : VX016733.D
 Acq On : 12 Jun 2020 17:03
 Operator : JC/SP
 Sample : L3005-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 13 04:31:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

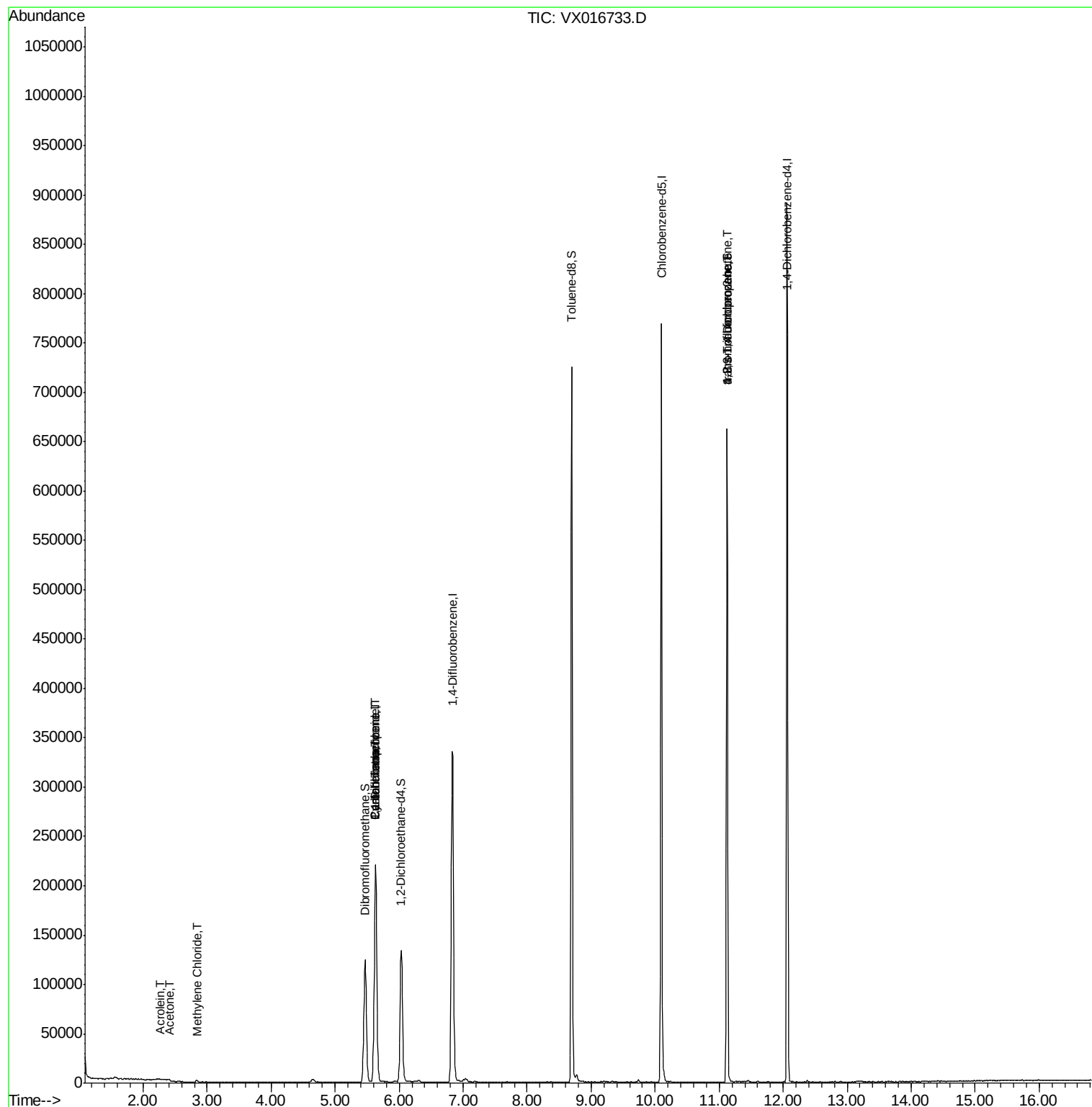
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	221031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	350650	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	358304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	188069	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	133399	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
35) Dibromofluoromethane	5.46	113	108677	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
50) Toluene-d8	8.70	98	429459	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
62) 4-Bromofluorobenzene	11.12	95	172760	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	
Target Compounds						
					Qvalue	
13) Acrolein	2.27	56	121	0.404	ug/l #	1
16) Acetone	2.42	43	433	0.360	ug/l	96
20) Methylene Chloride	2.84	84	864	0.347	ug/l	94
31) Cyclohexane	5.63	56	3787	0.993	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	15017	4.523	ug/l #	51
38) Carbon Tetrachloride	5.62	117	20326	5.826	ug/l #	17
76) 1,2,3-Trichloropropane	11.12	75	83033	20.086	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	83033	49.409	ug/l #	14

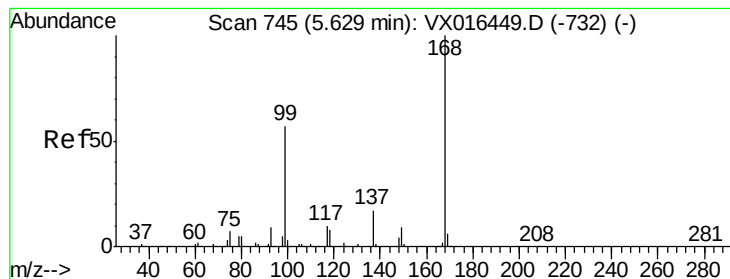
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061220\
Data File : VX016733.D
Acq On : 12 Jun 2020 17:03
Operator : JC/SP
Sample : L3005-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 13 04:31:29 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016733.D

Acq: 12 Jun 2020 17:03

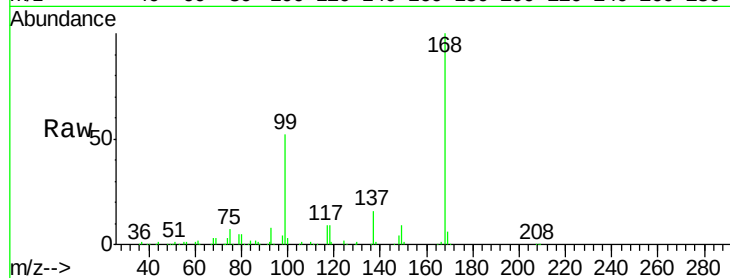
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 221031

Ion Ratio Lower Upper

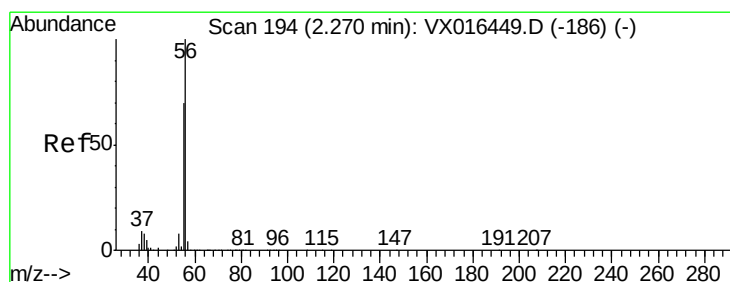
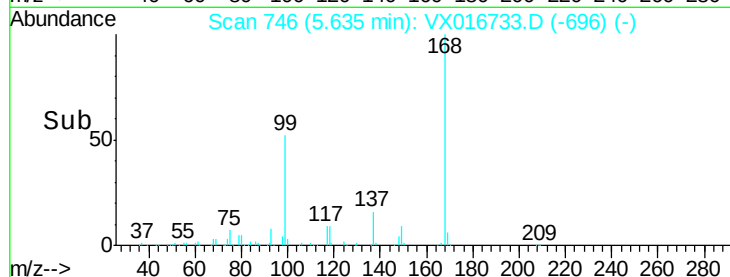
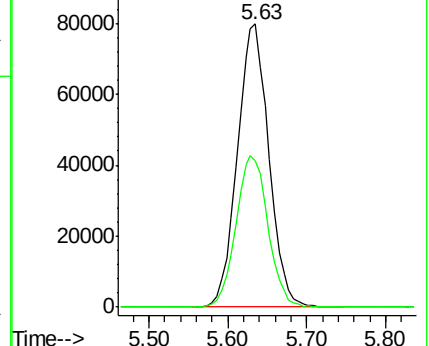
168 100

99 52.0 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#13

Acrolein

Concen: 0.404 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016733.D

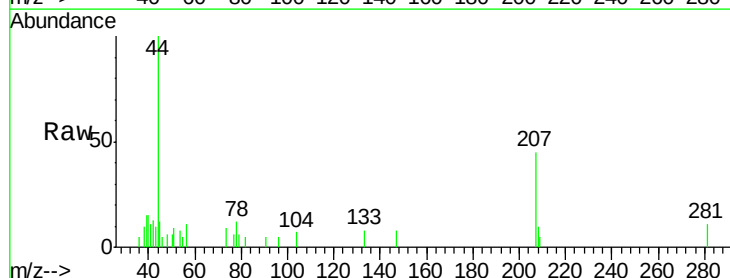
Acq: 12 Jun 2020 17:03

Tgt Ion: 56 Resp: 121

Ion Ratio Lower Upper

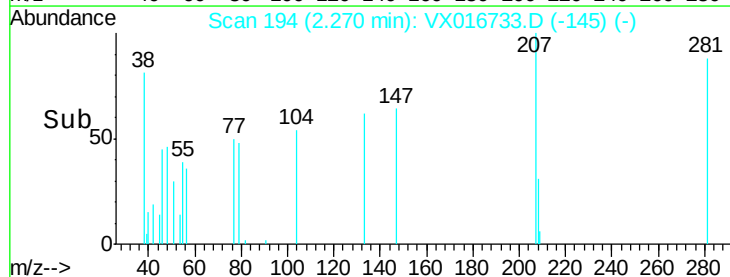
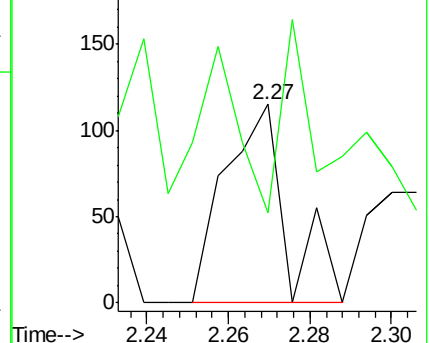
56 100

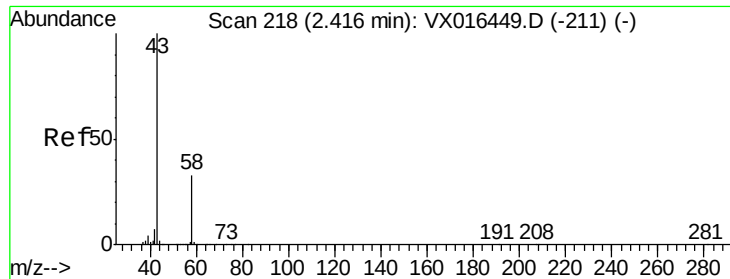
55 168.6 58.3 87.5#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

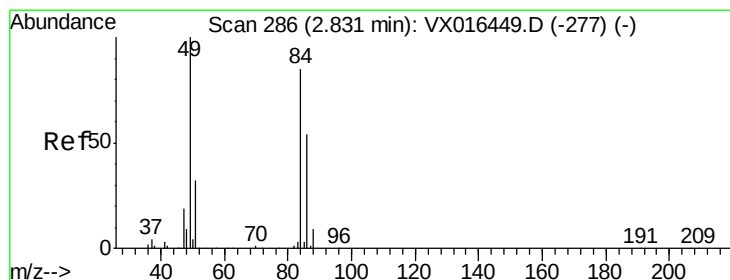
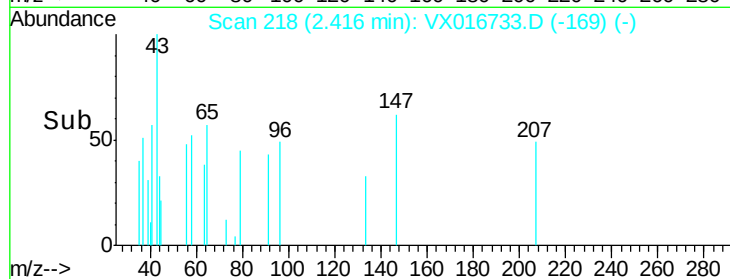
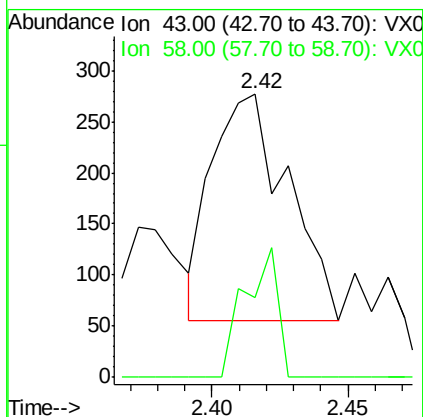
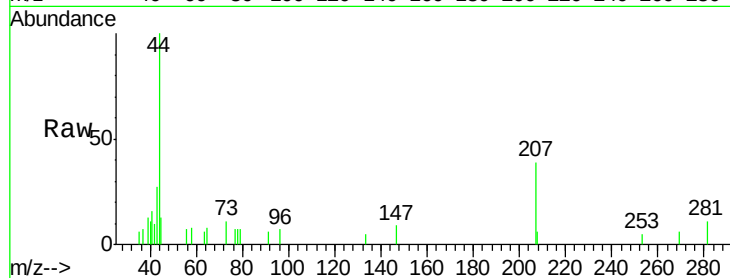




#16
Acetone
Concen: 0.360 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX016733.D
Acq: 12 Jun 2020 17:03

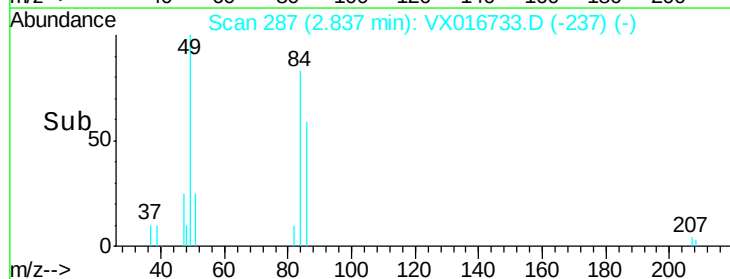
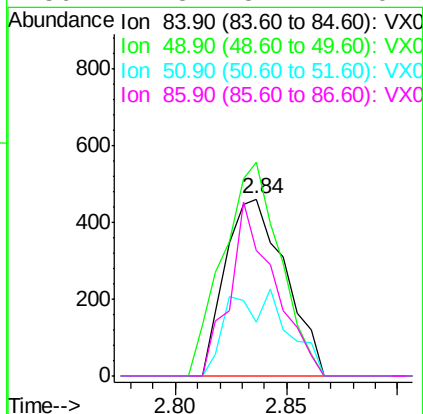
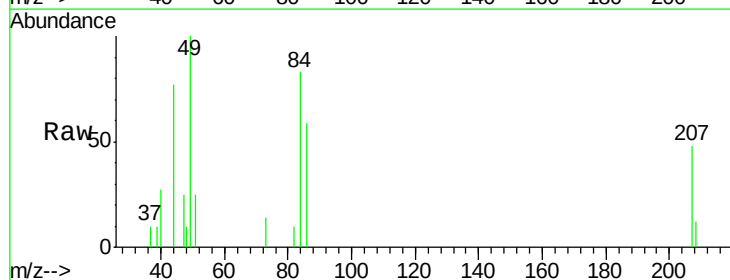
Instrument :
MSVOA_X
ClientSampleId :

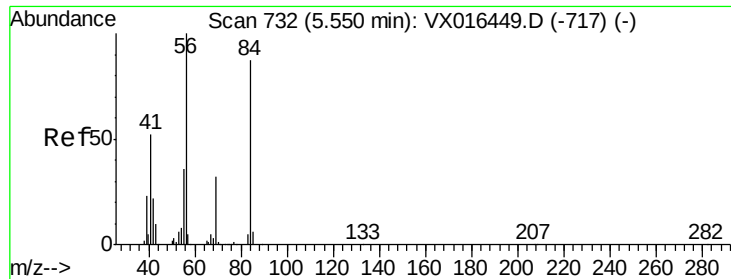
Tot Ion: 43 Resp: 433
Ion Ratio Lower Upper
43 100
58 35.0 26.1 39.1



#20
Methylene Chloride
Concen: 0.347 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX016733.D
Acq: 12 Jun 2020 17:03

Tgt Ion: 84 Resp: 864
Ion Ratio Lower Upper
84 100
49 120.9 94.5 141.7
51 30.7 30.2 45.4
86 71.3 51.1 76.7

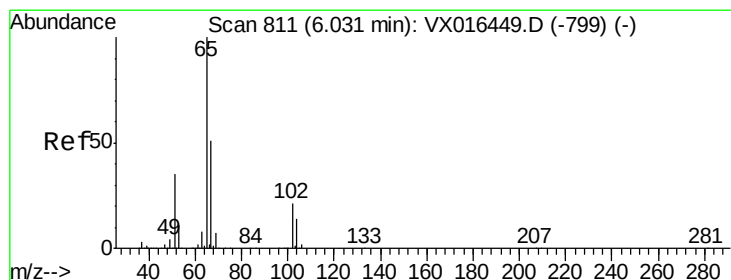
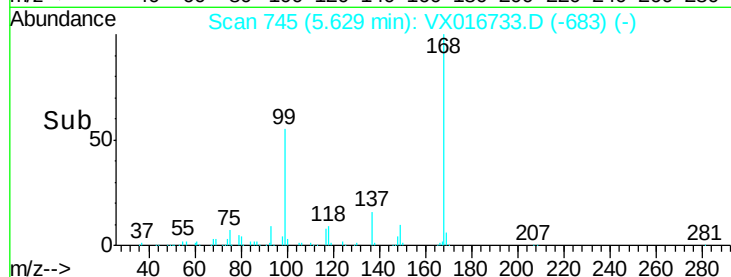
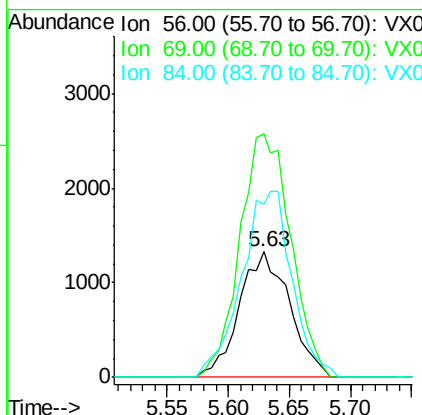
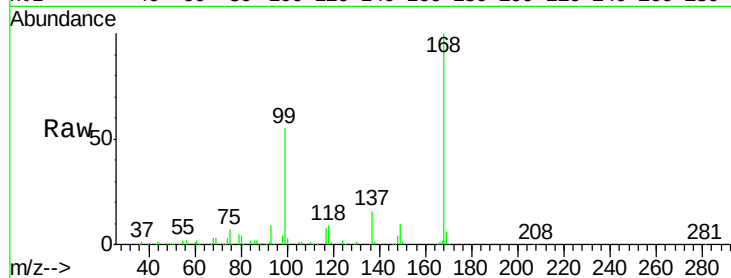




#31
Cyclohexane
Concen: 0.993 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX016733.D
Acq: 12 Jun 2020 17:03

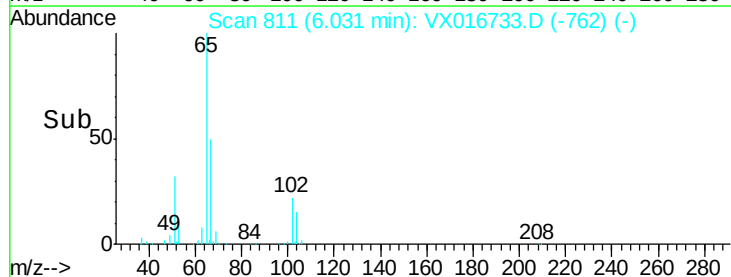
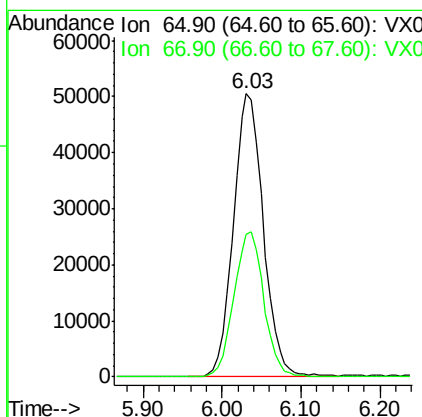
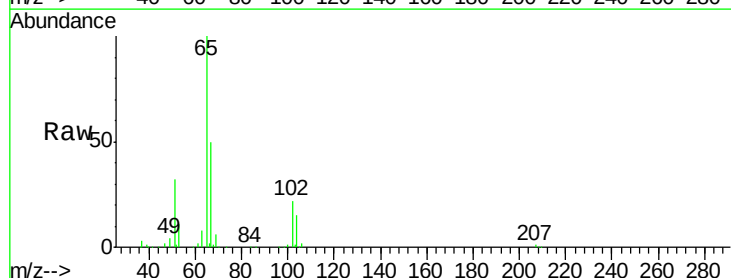
Instrument :
MSVOA_X
ClientSampleId :

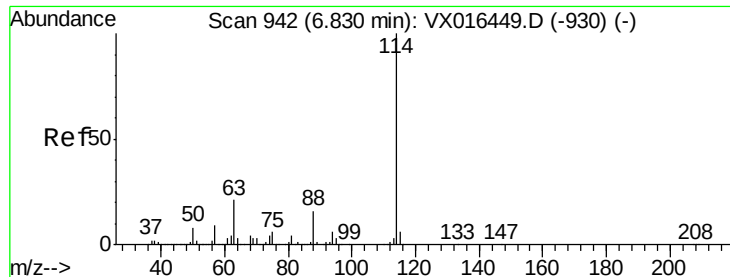
Tot Ion: 56 Resp: 3787
Ion Ratio Lower Upper
56 100
69 193.8 25.7 38.5#
84 137.4 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 48.599 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016733.D
Acq: 12 Jun 2020 17:03

Tgt Ion: 65 Resp: 133399
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016733.D

Acq: 12 Jun 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

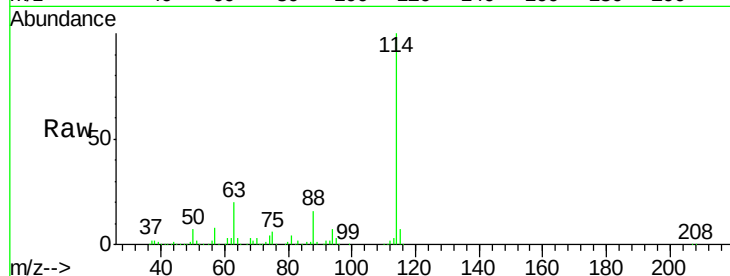
Tot Ion:114 Resp: 350650

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.6

88 16.4 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

200000

150000

100000

50000

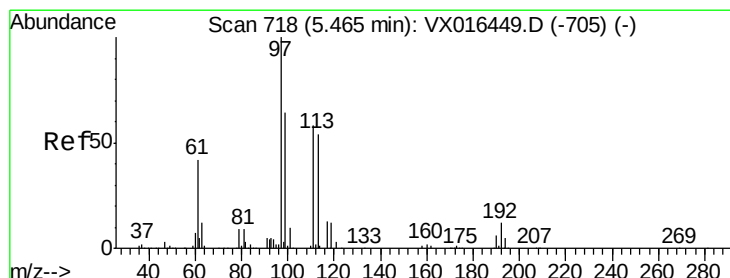
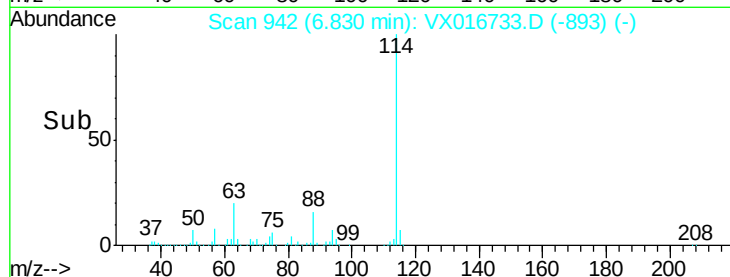
0

6.83

6.80

6.90

Time-->



#35

Dibromofluoromethane

Concen: 50.334 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016733.D

Acq: 12 Jun 2020 17:03

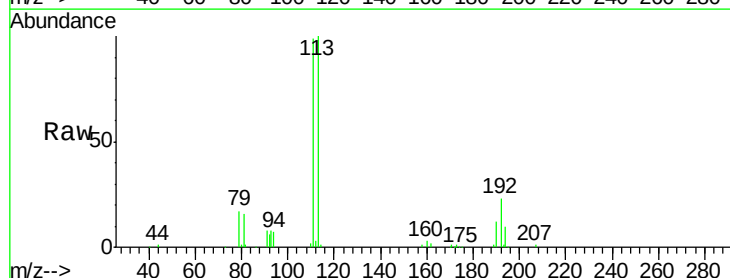
Tgt Ion:113 Resp: 108677

Ion Ratio Lower Upper

113 100

111 102.3 83.0 124.6

192 23.3 17.7 26.5



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

50000

40000

30000

20000

10000

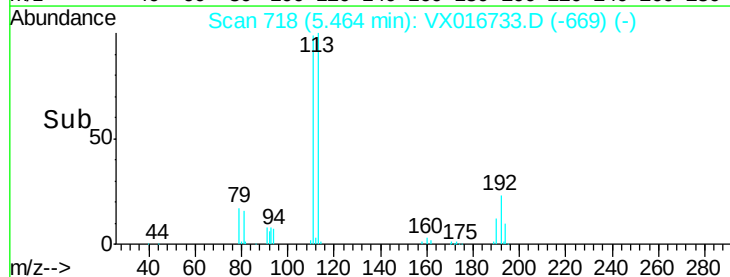
0

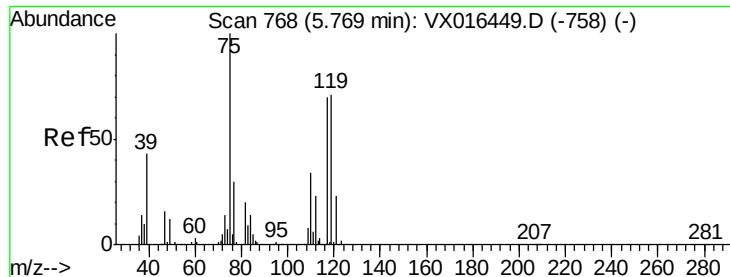
5.46

5.40

5.60

Time-->

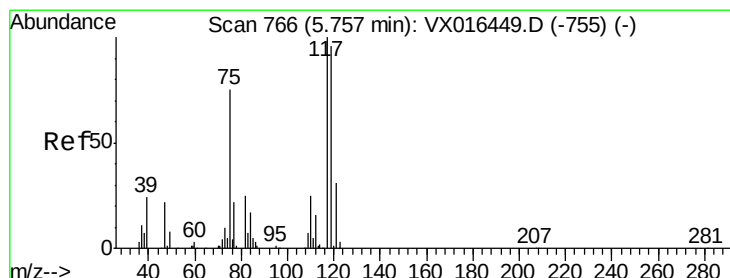
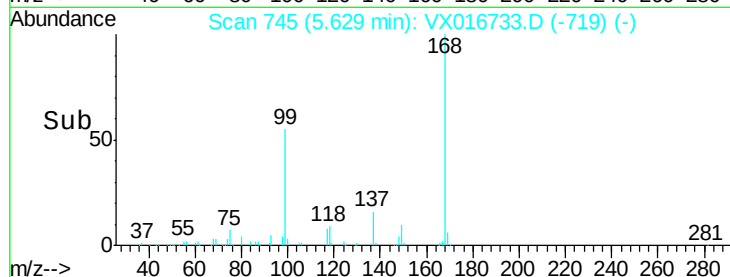
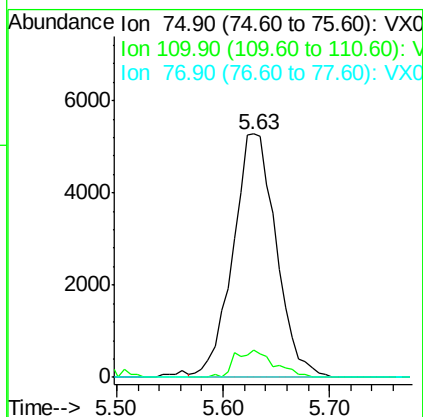
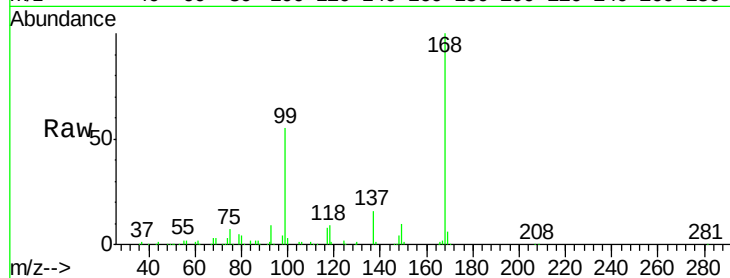




#36
 1,1-Dichloropropene
 Concen: 4.523 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX016733.D
 Acq: 12 Jun 2020 17:03

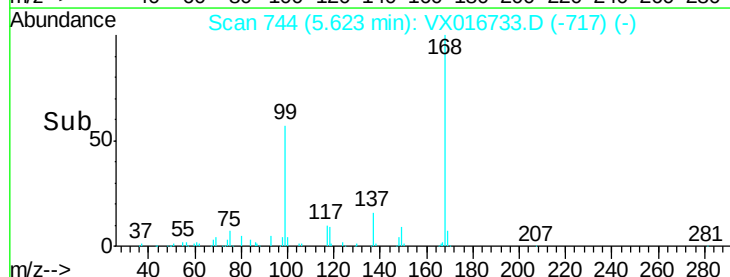
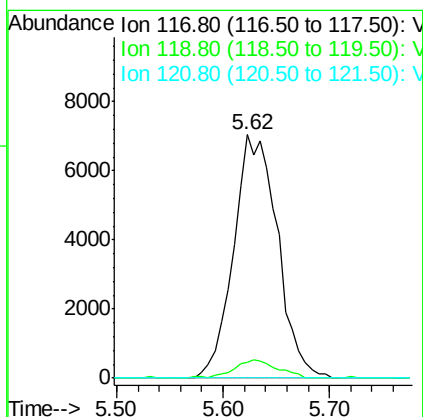
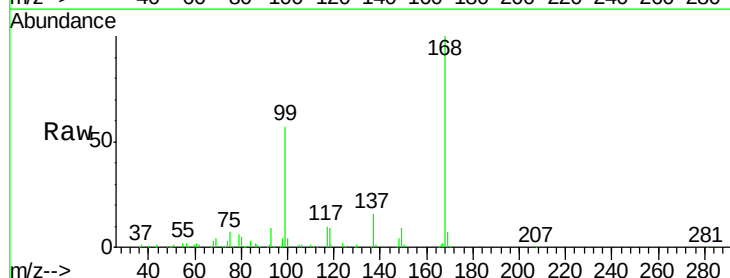
Instrument :
 MSVOA_X
 ClientSampleId :

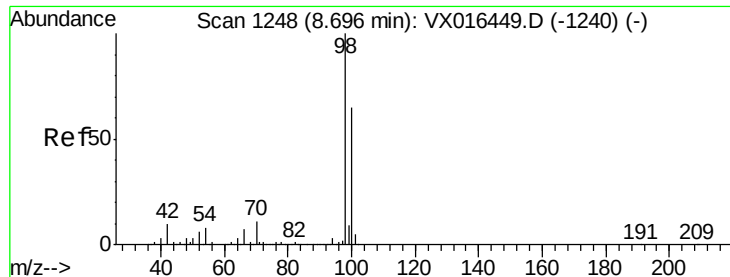
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.4	17.4	52.3#
77	0.0	24.2	36.4#



#38
 Carbon Tetrachloride
 Concen: 5.826 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.13 min
 Lab File: VX016733.D
 Acq: 12 Jun 2020 17:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.5	76.3	114.5#
121	0.0	24.6	37.0#

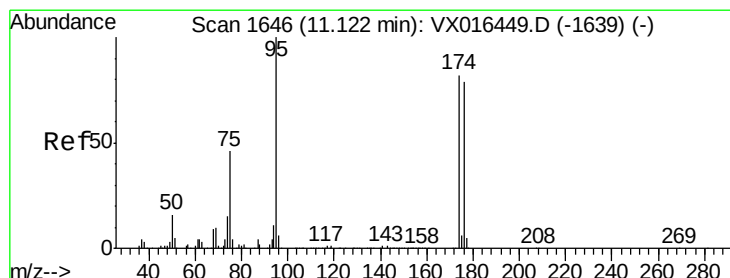
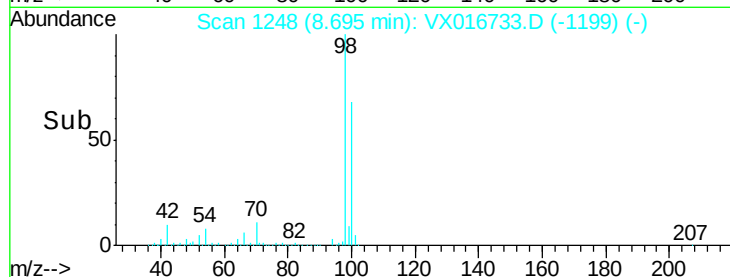
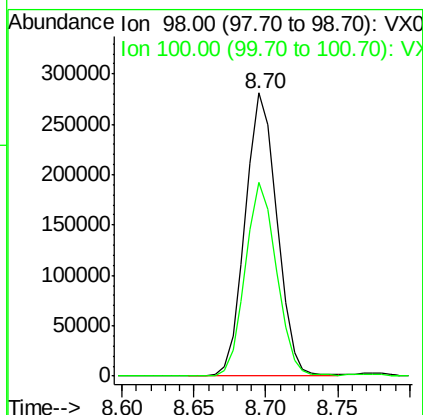
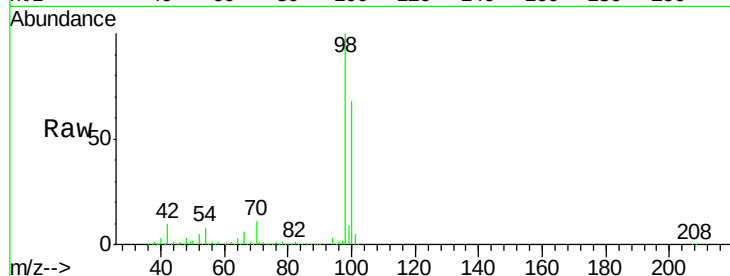




#50
Toluene-d8
Concen: 51.103 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016733.D
Acq: 12 Jun 2020 17:03

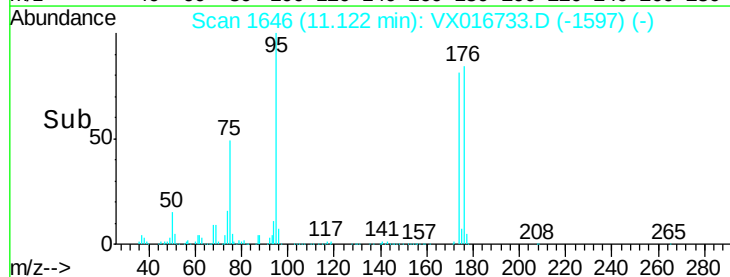
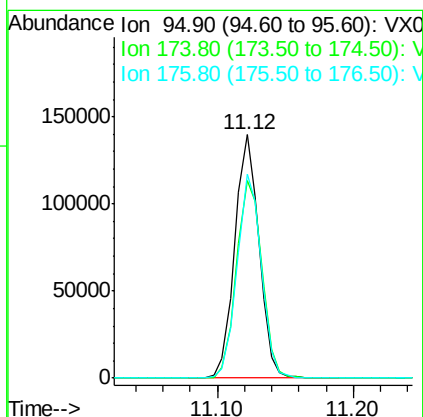
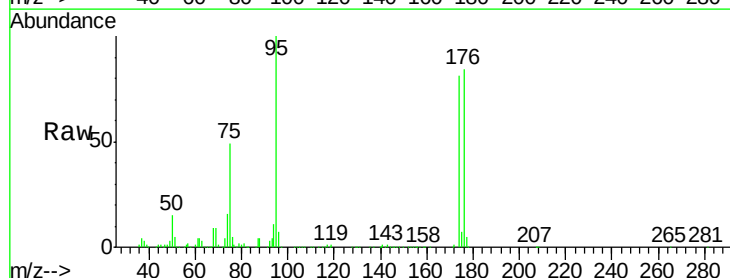
Instrument :
MSVOA_X
ClientSampleId :

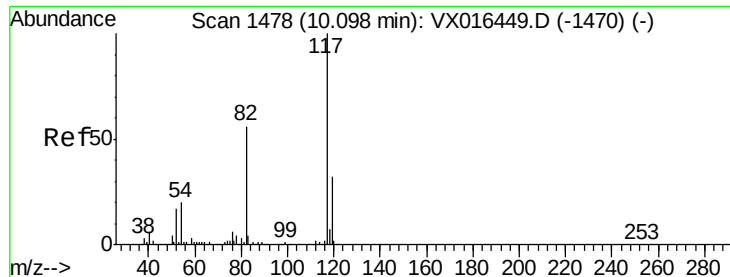
Tot Ion: 98 Resp: 429459
Ion Ratio Lower Upper
98 100
100 67.1 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 53.203 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016733.D
Acq: 12 Jun 2020 17:03

Tgt Ion: 95 Resp: 172760
Ion Ratio Lower Upper
95 100
174 86.0 0.0 163.0
176 84.2 0.0 156.8

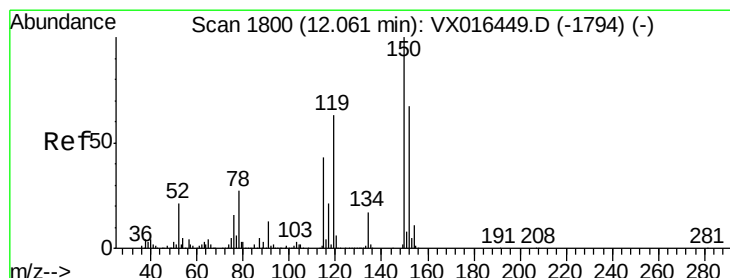
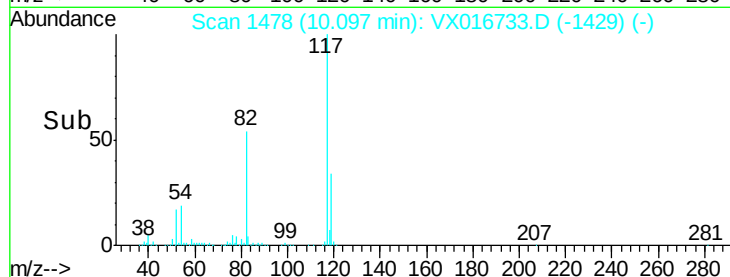
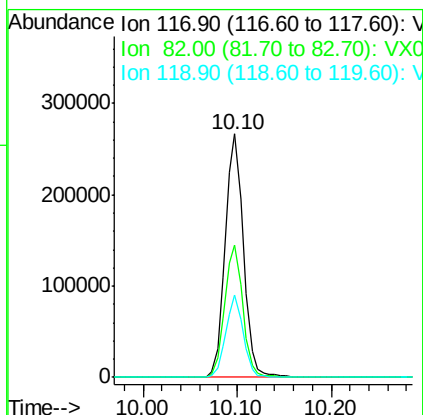
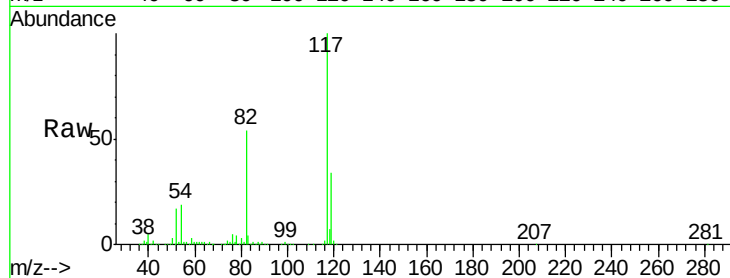




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016733.D
Acq: 12 Jun 2020 17:03

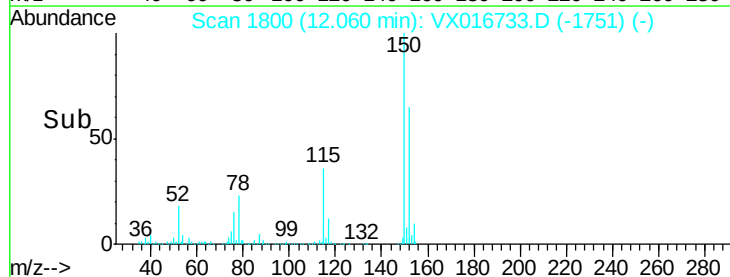
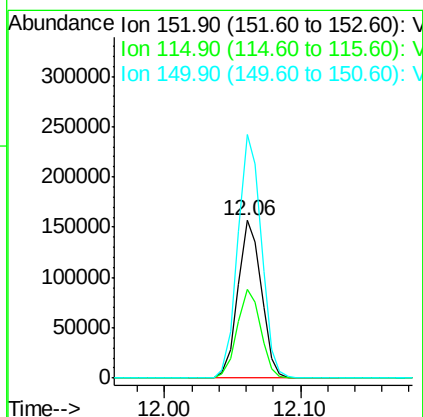
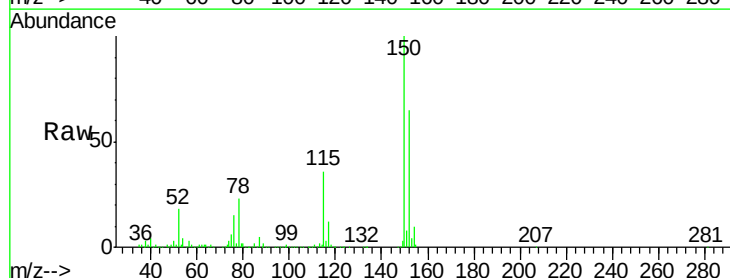
Instrument :
MSVOA_X
ClientSampleId :

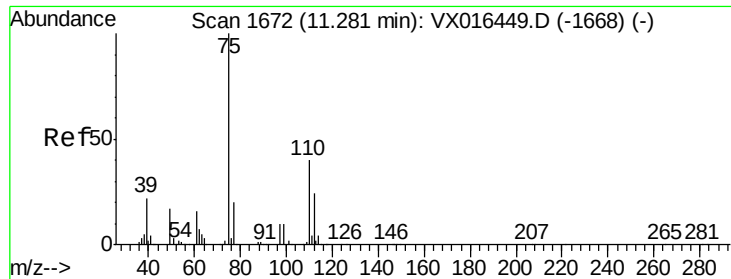
Tot Ion:117 Resp: 358304
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.6
119 33.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016733.D
Acq: 12 Jun 2020 17:03

Tgt Ion:152 Resp: 188069
Ion Ratio Lower Upper
152 100
115 56.6 39.9 119.6
150 155.7 0.0 341.0





#76

1,2,3-Trichloropropane

Concen: 20.086 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016733.D

Acq: 12 Jun 2020 17:03

Instrument :

MSVOA_X

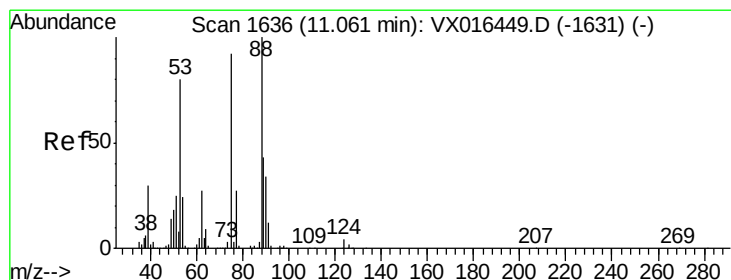
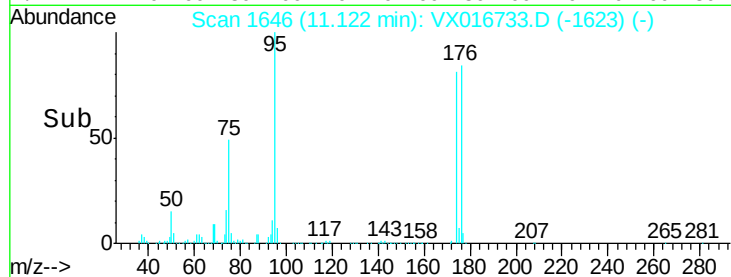
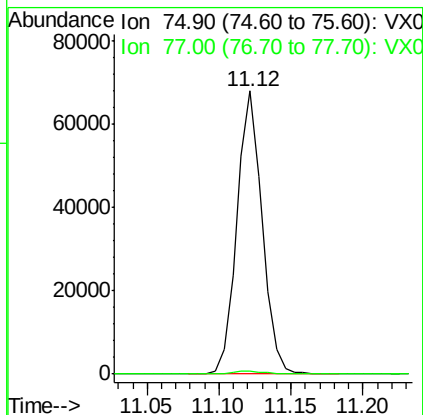
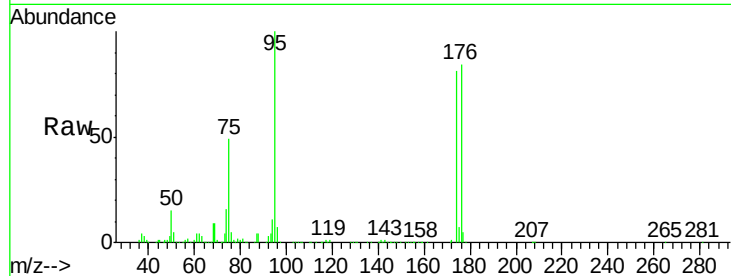
ClientSampleId :

Tot Ion: 75 Resp: 83033

Ion Ratio Lower Upper

75 100

77 1.2 21.3 63.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 49.409 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016733.D

Acq: 12 Jun 2020 17:03

Tgt Ion: 75 Resp: 83033

Ion Ratio Lower Upper

75 100

53 0.1 71.3 106.9#

89 0.0 36.6 55.0#

