

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082120\
 Data File : VX018061.D
 Acq On : 21 Aug 2020 16:08
 Operator : JC/SP
 Sample : L3770-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 21 23:54:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	528855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	869779	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	814153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	385317	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	352509	48.01	ug/l	0.00
Spiked Amount			Recovery	=	96.02%	
35) Dibromofluoromethane	5.46	113	283251	47.82	ug/l	0.00
Spiked Amount			Recovery	=	95.64%	
50) Toluene-d8	8.70	98	1013315	45.93	ug/l	0.00
Spiked Amount			Recovery	=	91.86%	
62) 4-Bromofluorobenzene	11.12	95	370425	42.67	ug/l	0.00
Spiked Amount			Recovery	=	85.34%	

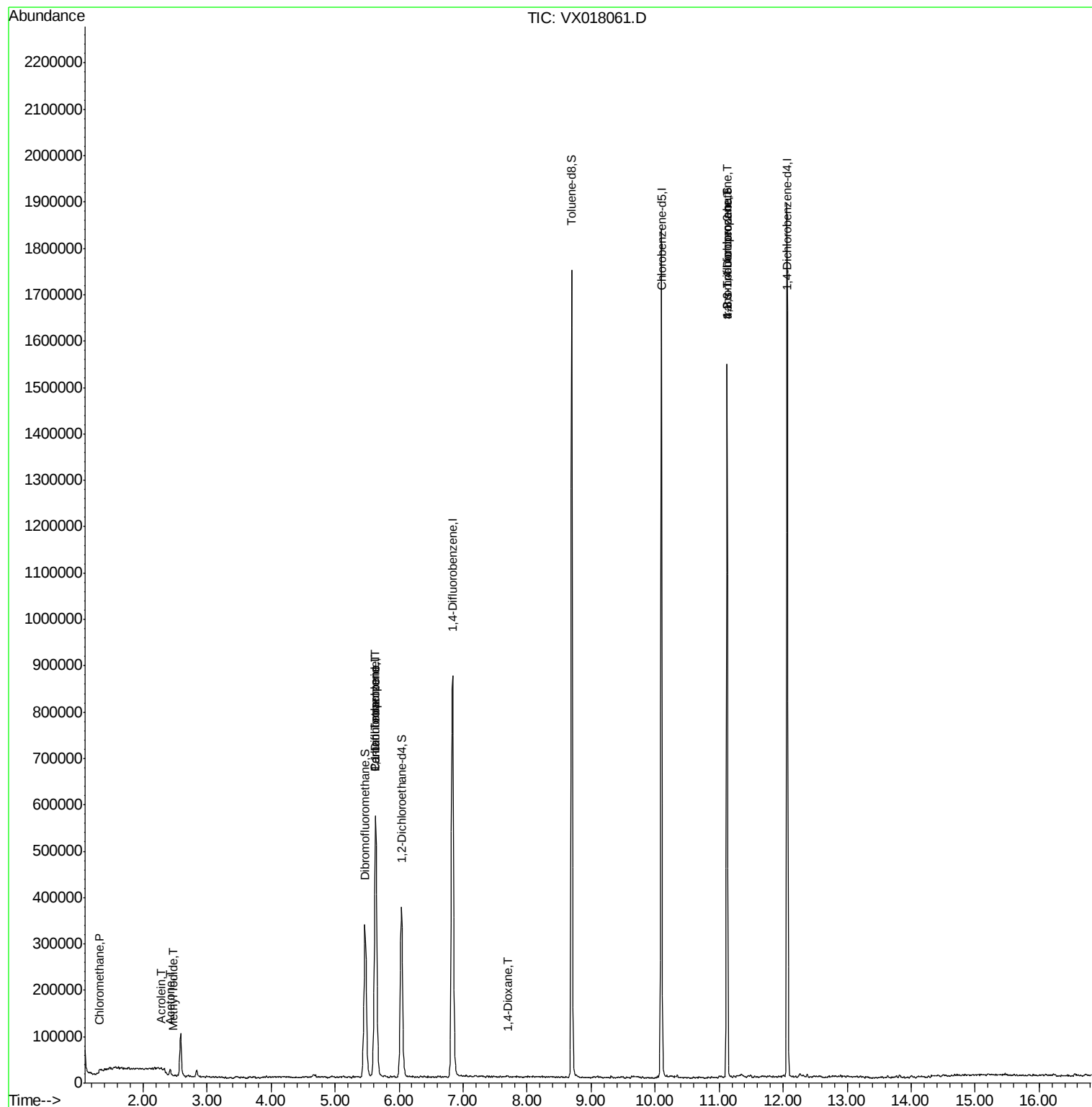
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	3940	0.580	ug/l	90
10) Methyl Iodide	2.47	142	182	5.317	ug/l #	43
13) Acrolein	2.28	56	378	0.639	ug/l #	14
16) Acetone	2.42	43	12490	4.366	ug/l	93
20) Methylene Chloride	2.83	84	6657	Below Cal		83
36) 1,1-Dichloropropene	5.63	75	40246	5.017	ug/l #	52
38) Carbon Tetrachloride	5.63	117	53839	5.955	ug/l #	17
49) 1,4-Dioxane	7.70	88	243	1.791	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	186965	21.812	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	186965	58.911	ug/l #	12

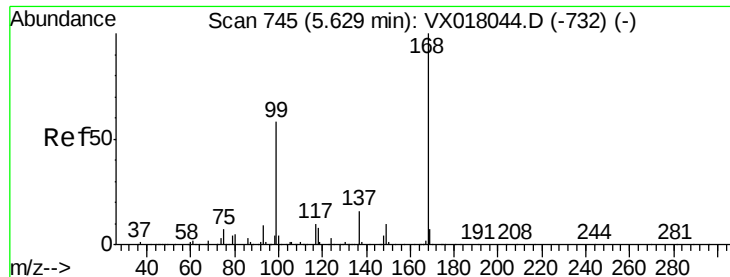
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082120\
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ClientSampleId :

Quant Time: Aug 21 23:54:39 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018061.D

Acq: 21 Aug 2020 16:08

Instrument :

MSVOA_X

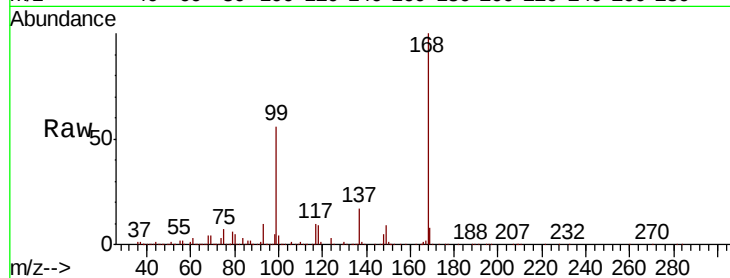
ClientSampleId :

Tot Ion:168 Resp: 528855

Ion Ratio Lower Upper

168 100

99 56.2 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

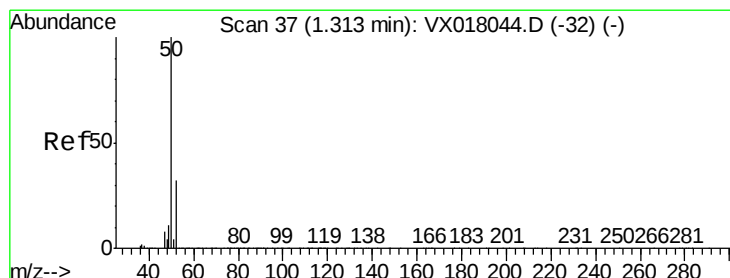
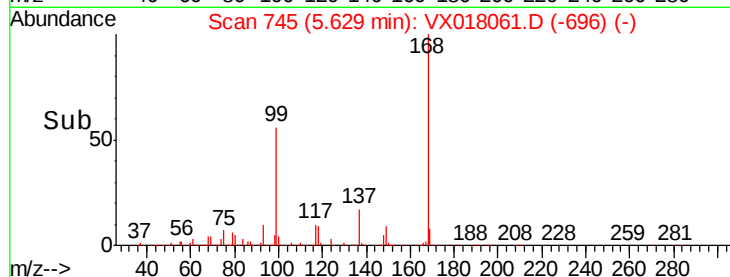
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.580 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX018061.D

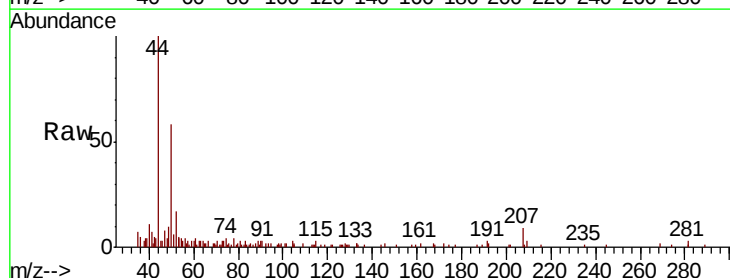
Acq: 21 Aug 2020 16:08

Tgt Ion: 50 Resp: 3940

Ion Ratio Lower Upper

50 100

52 26.4 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

4000

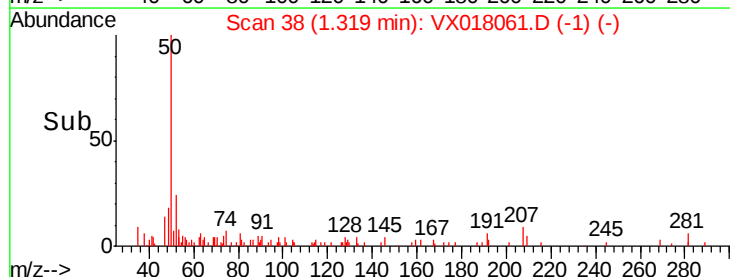
3000

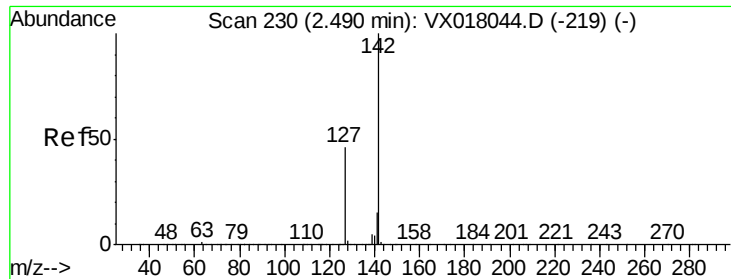
2000

1000

0

Time-->

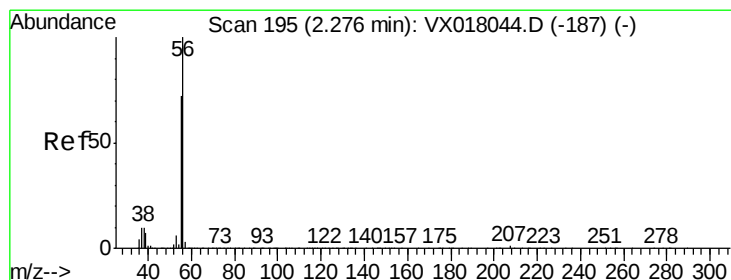
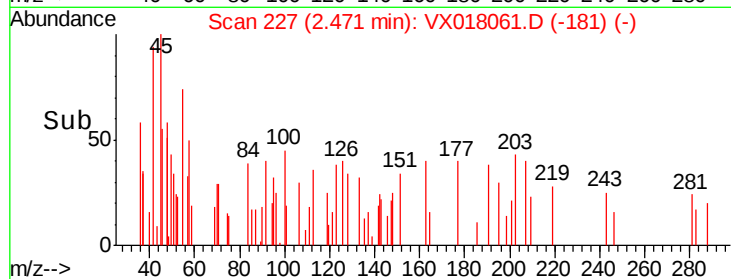
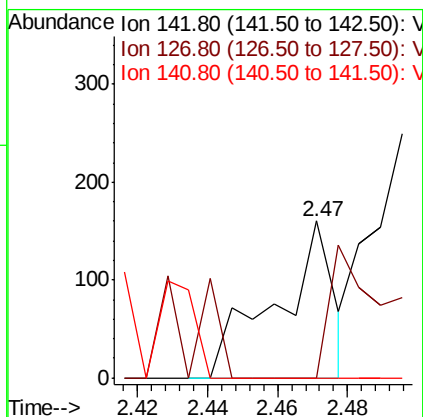
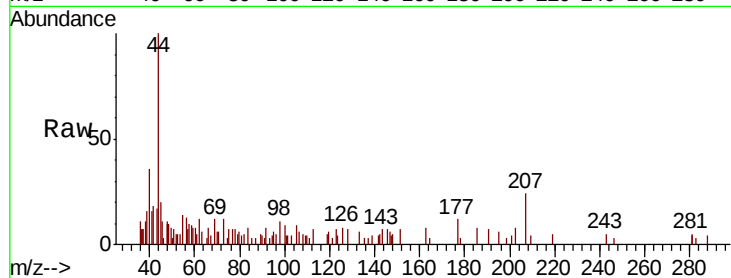




#10
Methyl Iodide
Concen: 5.317 ug/l
RT: 2.47 min Scan# 227
Delta R.T. -0.02 min
Lab File: VX018061.D
Acq: 21 Aug 2020 16:08

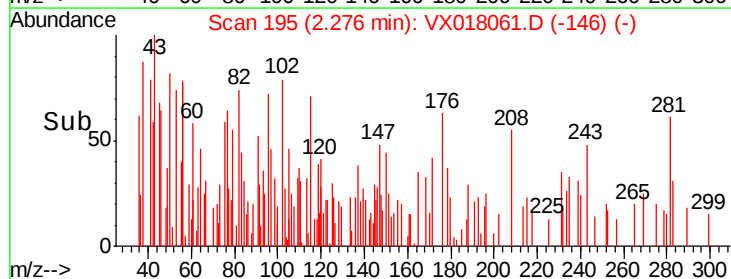
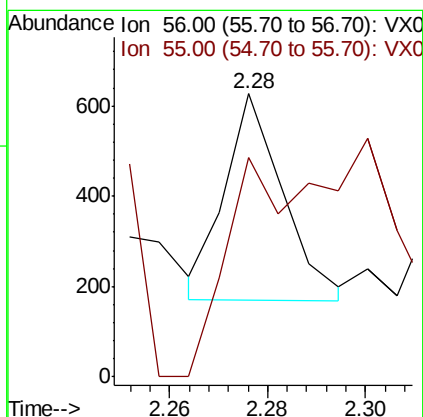
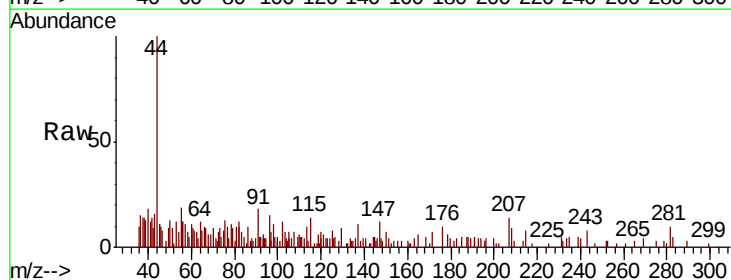
Instrument :
MSVOA_X
ClientSampleId :

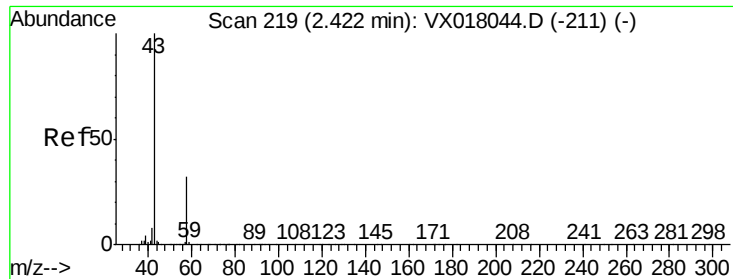
Tot Ion	Ratio	Lower	Upper
142	100		
127	89.0	37.0	55.6#
141	0.0	11.5	17.3#



#13
Acrolein
Concen: 0.639 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX018061.D
Acq: 21 Aug 2020 16:08

Tgt Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.0	85.6#

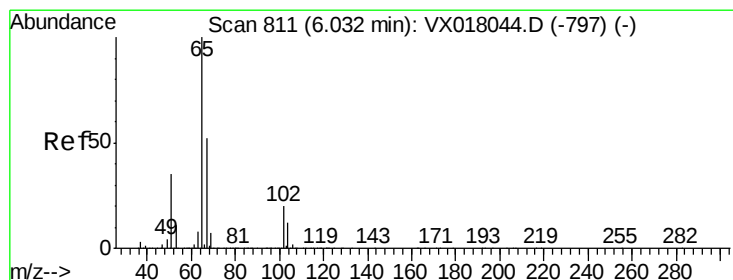
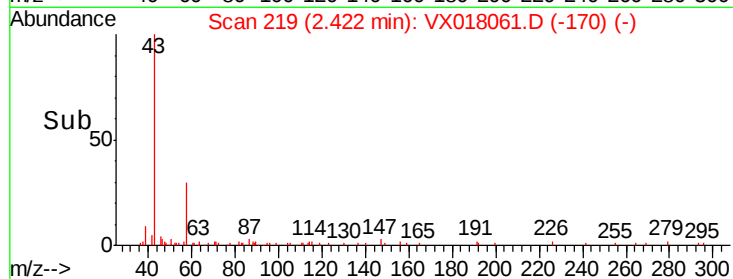
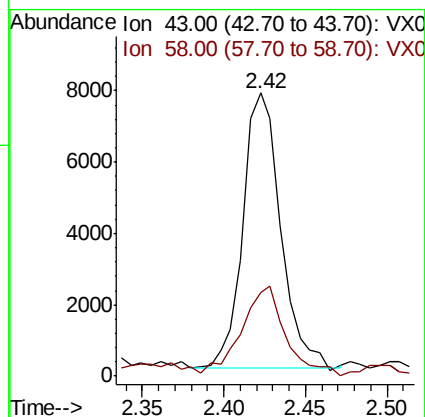
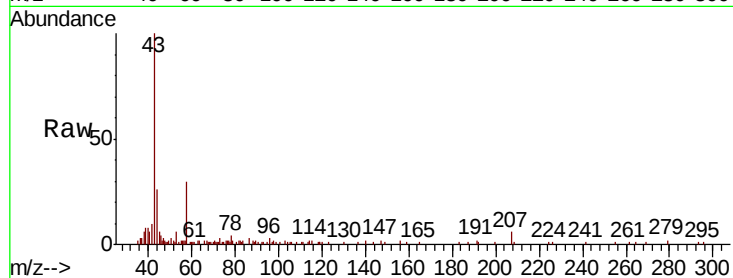




#16
Acetone
Concen: 4.366 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX018061.D
Acq: 21 Aug 2020 16:08

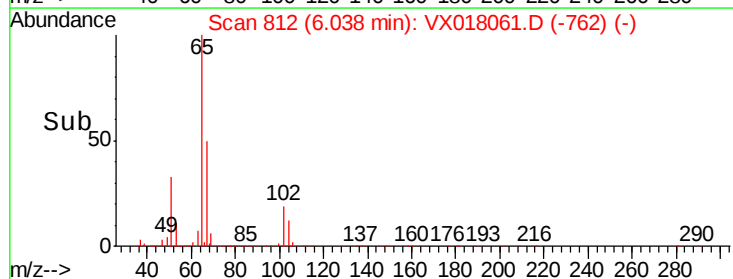
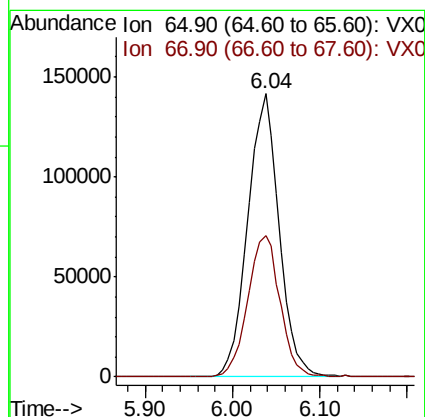
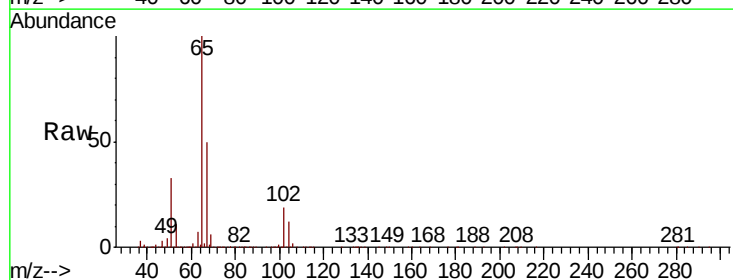
Instrument :
MSVOA_X
ClientSampleId :

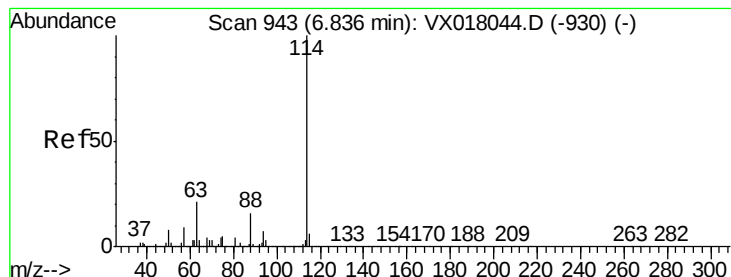
Tot Ion: 43 Resp: 12490
Ion Ratio Lower Upper
43 100
58 28.2 25.5 38.3



#33
1,2-Dichloroethane-d4
Concen: 48.014 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX018061.D
Acq: 21 Aug 2020 16:08

Tgt Ion: 65 Resp: 352509
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.00 min

Lab File: VX018061.D

Acq: 21 Aug 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

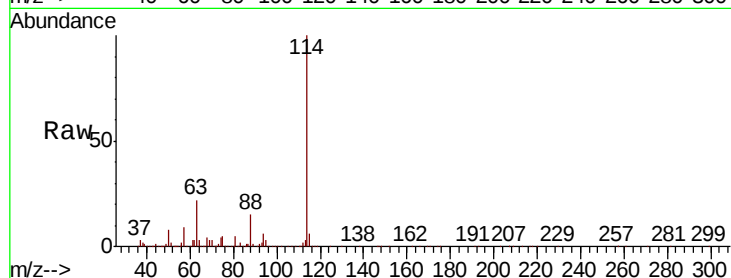
Tot Ion:114 Resp: 869779

Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.6

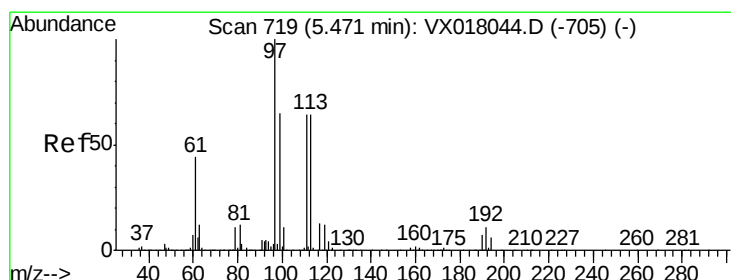
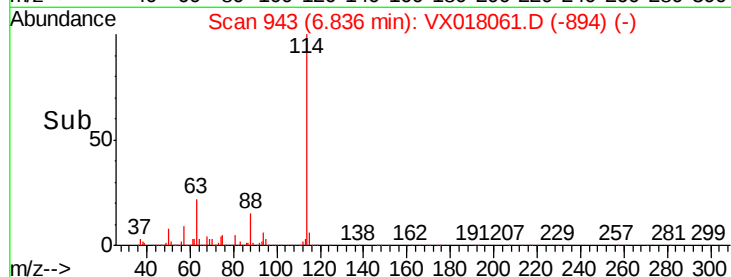
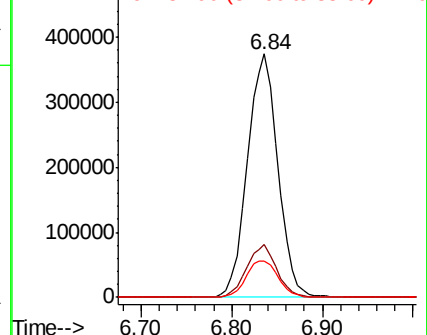
88 15.0 0.0 31.8



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



#35

Dibromofluoromethane

Concen: 47.817 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018061.D

Acq: 21 Aug 2020 16:08

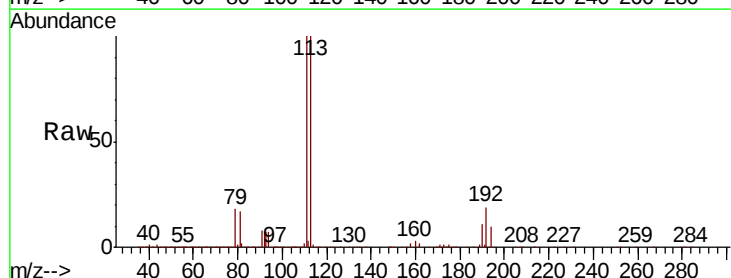
Tgt Ion:113 Resp: 283251

Ion Ratio Lower Upper

113 100

111 103.2 81.6 122.4

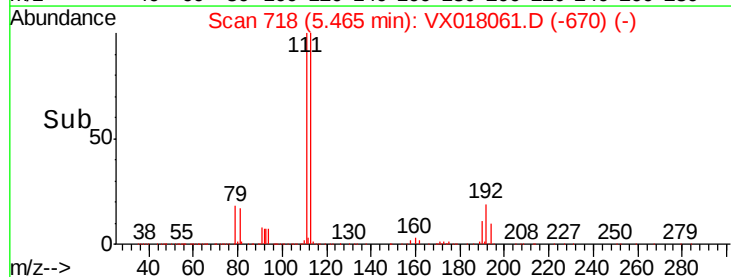
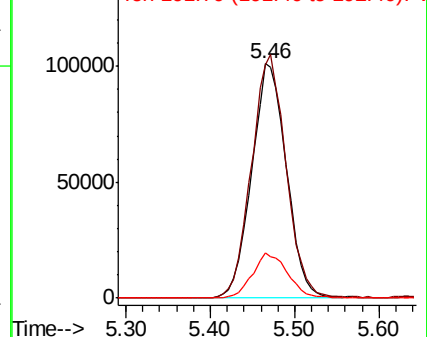
192 19.6 15.8 23.8

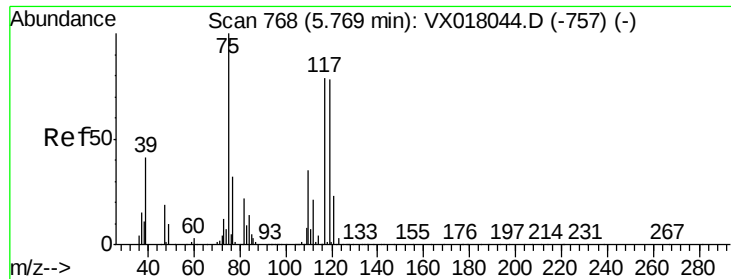


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.017 ug/l

RT: 5.63 min Scan# 745

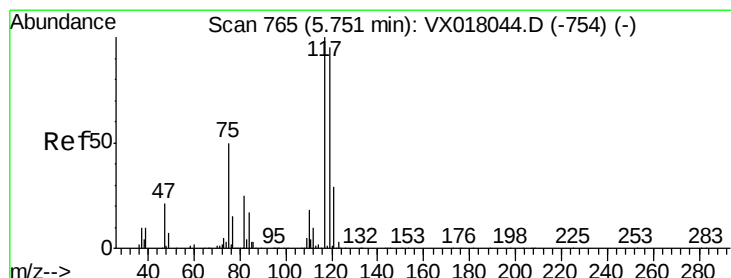
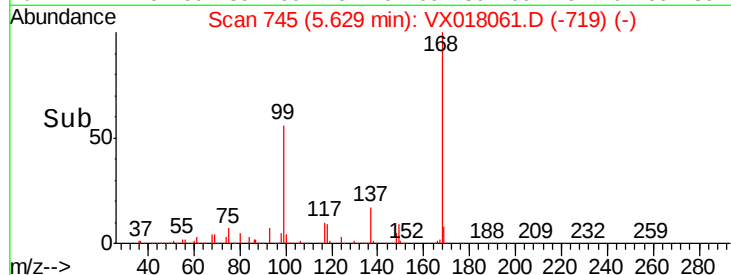
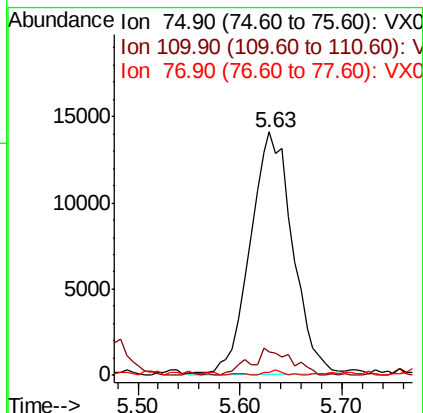
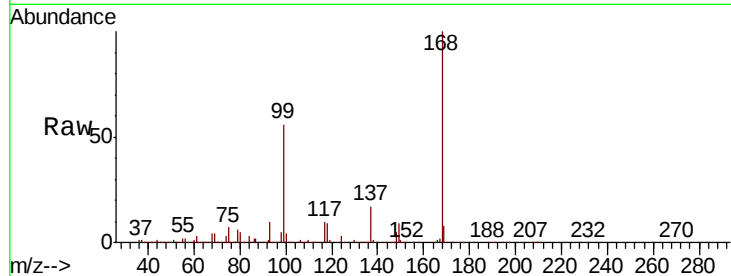
Delta R.T. -0.14 min

Lab File: VX018061.D

Acq: 21 Aug 2020 16:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	75	Resp:	40246
Ion	Ratio	Lower	Upper
75	100		
110	10.7	18.0	54.0#
77	1.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.955 ug/l

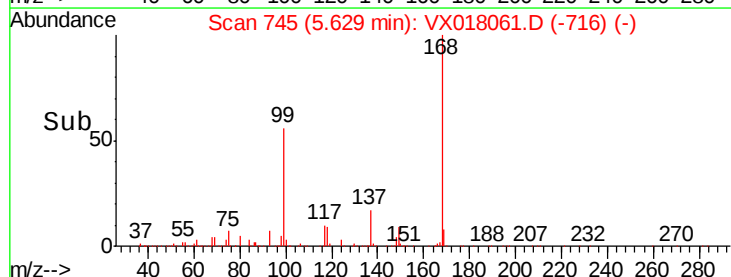
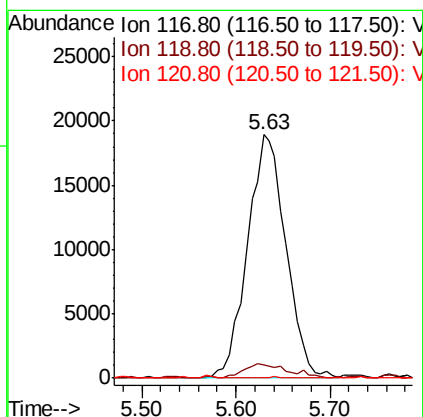
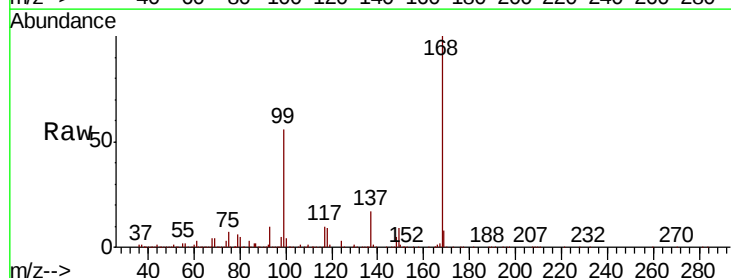
RT: 5.63 min Scan# 745

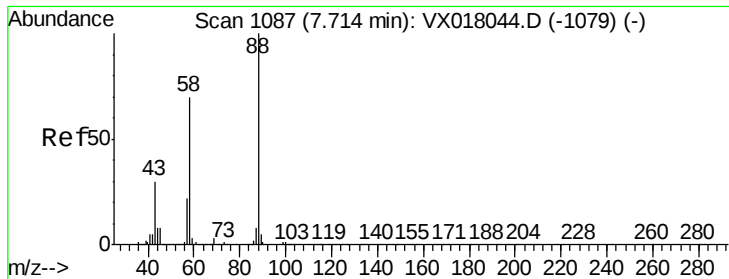
Delta R.T. -0.12 min

Lab File: VX018061.D

Acq: 21 Aug 2020 16:08

Tgt Ion:	117	Resp:	53839
Ion	Ratio	Lower	Upper
117	100		
119	5.4	75.8	113.6#
121	0.0	23.4	35.0#

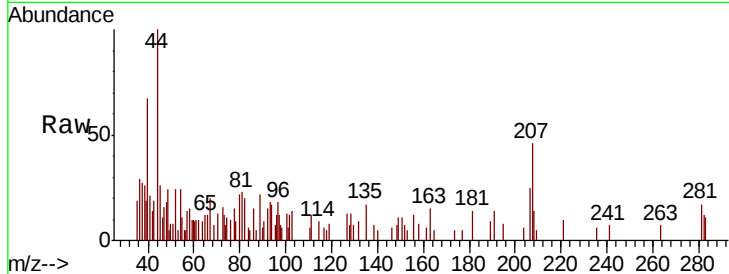




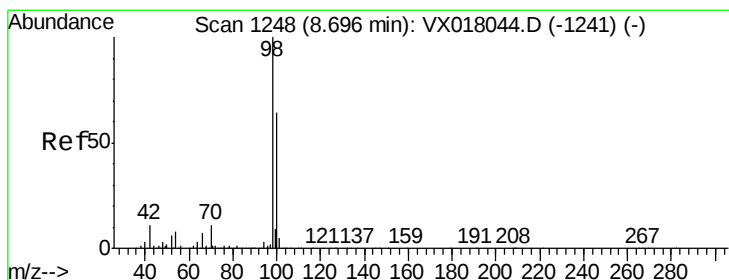
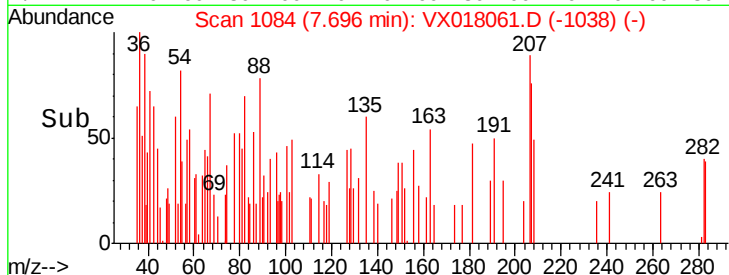
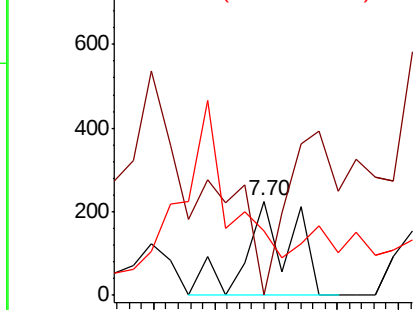
#49
1,4-Dioxane
Concen: 1.791 ug/l
RT: 7.70 min Scan# 1084
Delta R.T. -0.02 min
Lab File: VX018061.D
Acq: 21 Aug 2020 16:08

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 243
Ion Ratio Lower Upper
88 100
43 272.8 27.4 41.0#
58 53.1 56.4 84.6#

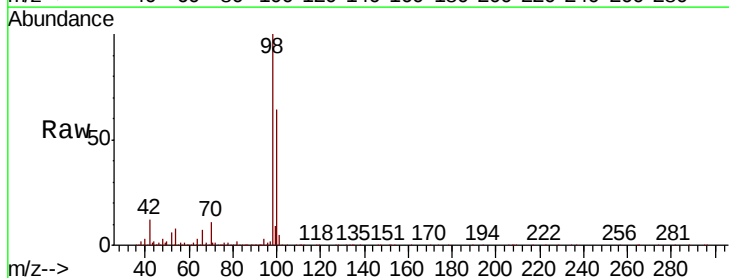


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

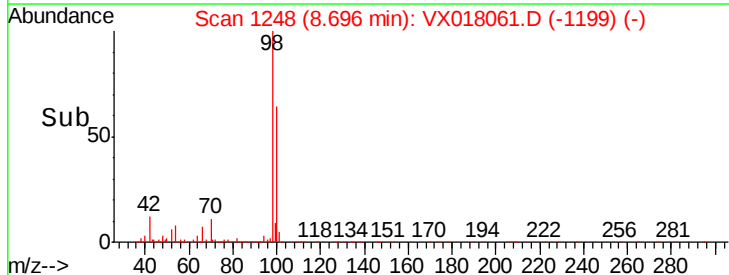
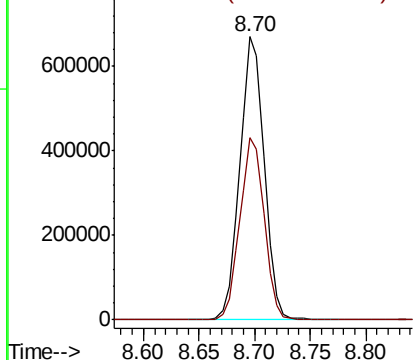


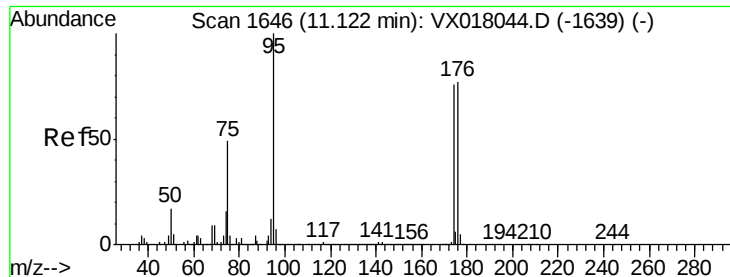
#50
Toluene-d8
Concen: 45.929 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018061.D
Acq: 21 Aug 2020 16:08

Tgt Ion: 98 Resp: 1013315
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.4



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

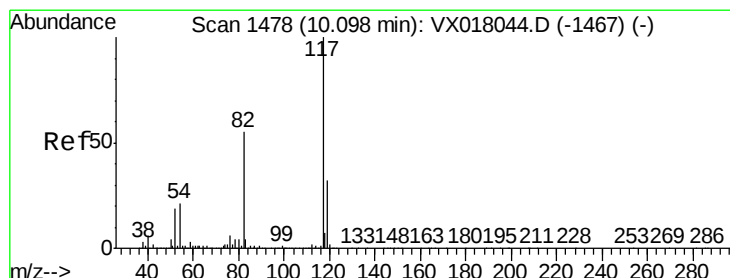
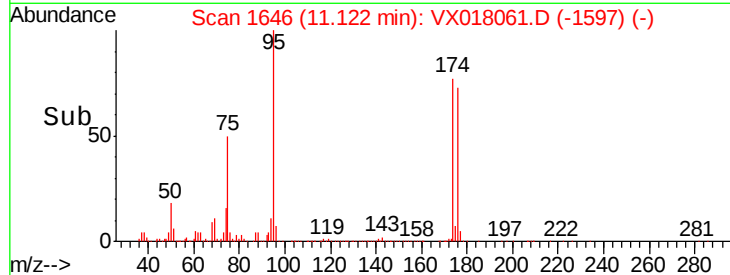
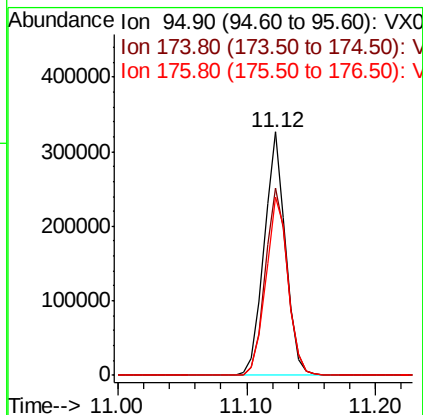
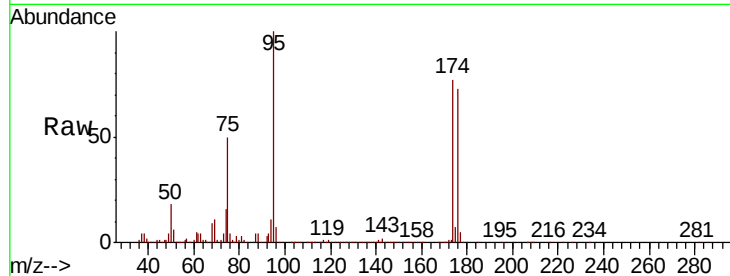




#62
 4-Bromofluorobenzene
 Concen: 42.674 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX018061.D
 Acq: 21 Aug 2020 16:08

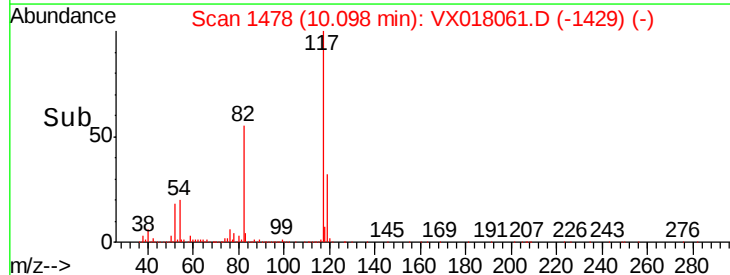
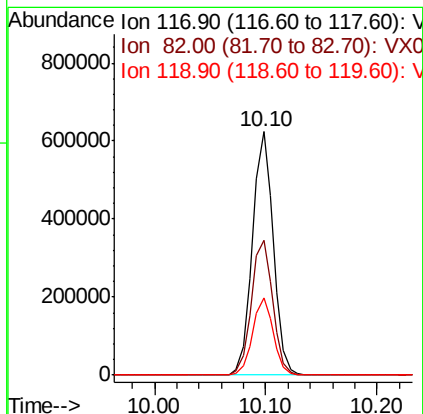
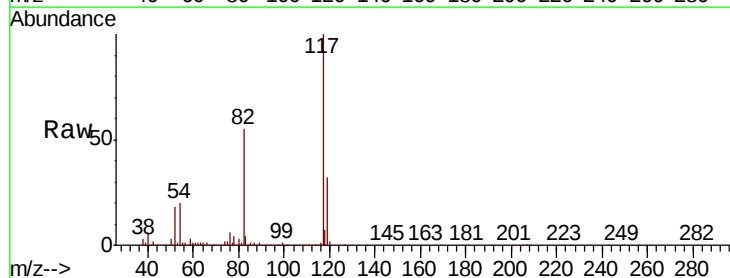
Instrument :
 MSVOA_X
 ClientSampleId :

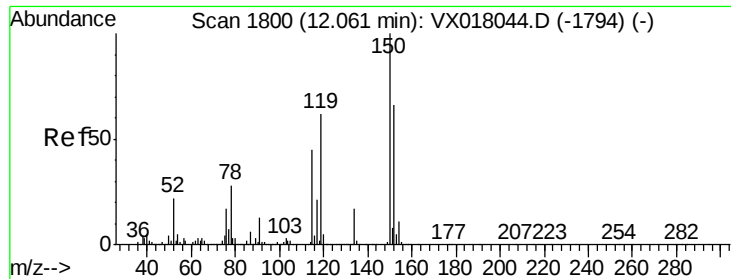
Tot Ion: 95 Resp: 370425
 Ion Ratio Lower Upper
 95 100
 174 80.8 0.0 160.2
 176 77.0 0.0 155.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.10 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: VX018061.D
 Acq: 21 Aug 2020 16:08

Tgt Ion: 117 Resp: 814153
 Ion Ratio Lower Upper
 117 100
 82 55.3 44.2 66.2
 119 31.9 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018061.D

Acq: 21 Aug 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

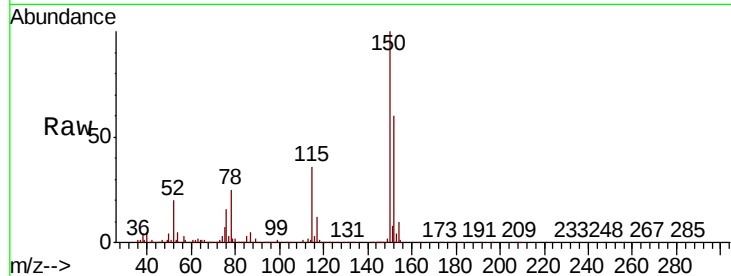
Tot Ion:152 Resp: 385317

Ion Ratio Lower Upper

152 100

115 59.0 41.5 124.5

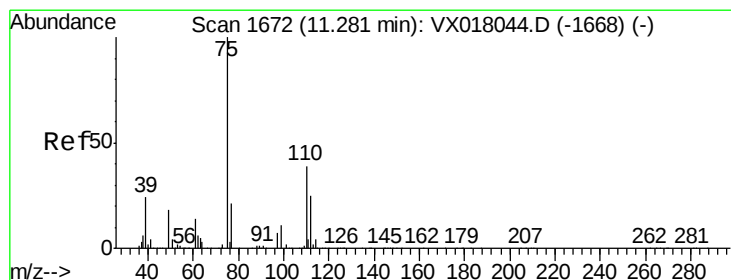
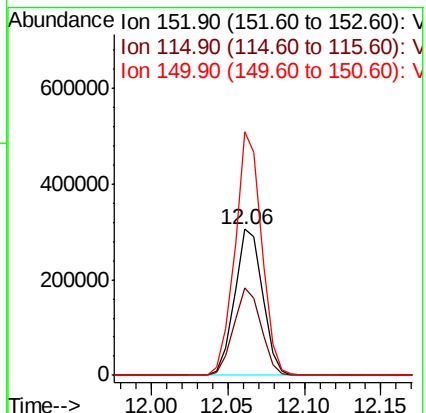
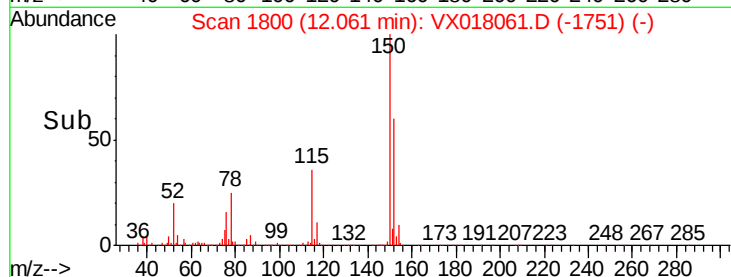
150 159.3 0.0 343.8



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



#76

1,2,3-Trichloropropane

Concen: 21.812 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018061.D

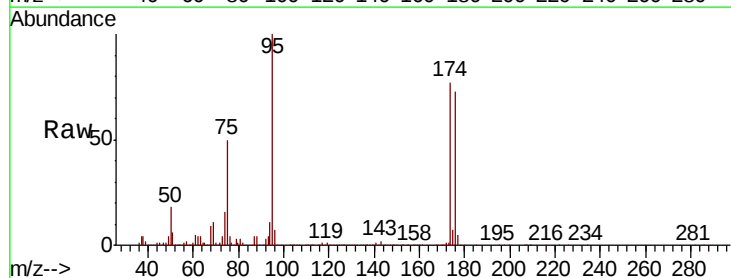
Acq: 21 Aug 2020 16:08

Tgt Ion: 75 Resp: 186965

Ion Ratio Lower Upper

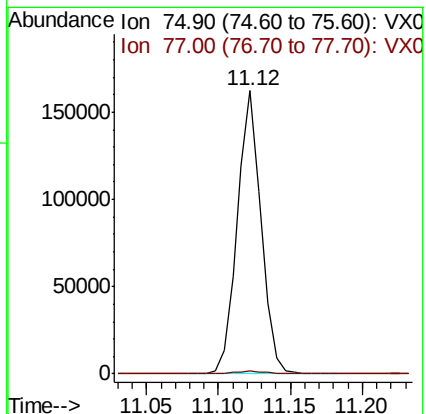
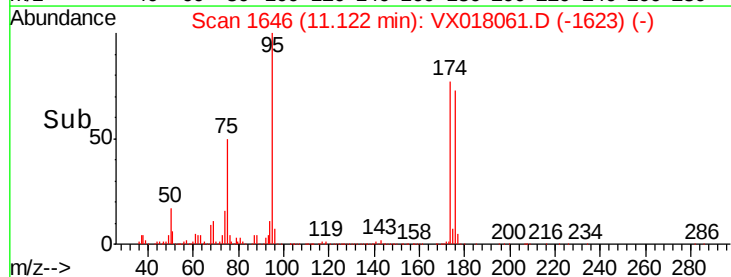
75 100

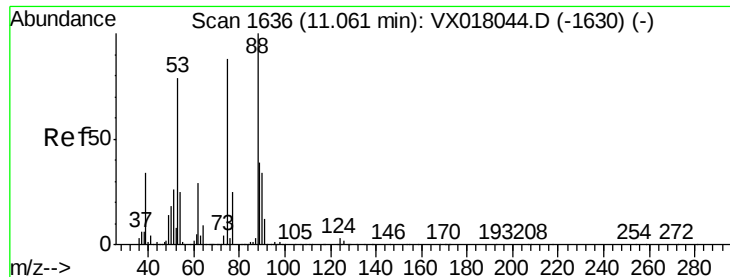
77 1.2 20.8 62.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 58.911 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX018061.D

Acq: 21 Aug 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 186965

Ion Ratio Lower Upper

75 100

53 0.5 74.7 112.1#

89 0.0 36.6 54.8#

