

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016913.D
 Acq On : 20 Jun 2020 07:01
 Operator : JC/SP
 Sample : L3066-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB_061820

Quant Time: Jun 22 01:55:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	310060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	478110	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	450285	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	277303	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	181260	48.61	ug/l	0.00
Spiked Amount			Recovery	=	97.22%	
35) Dibromofluoromethane	5.46	113	160818	52.58	ug/l	0.00
Spiked Amount			Recovery	=	105.16%	
50) Toluene-d8	8.70	98	532202	43.49	ug/l	0.00
Spiked Amount			Recovery	=	86.98%	
62) 4-Bromofluorobenzene	11.12	95	228907	48.82	ug/l	0.00
Spiked Amount			Recovery	=	97.64%	

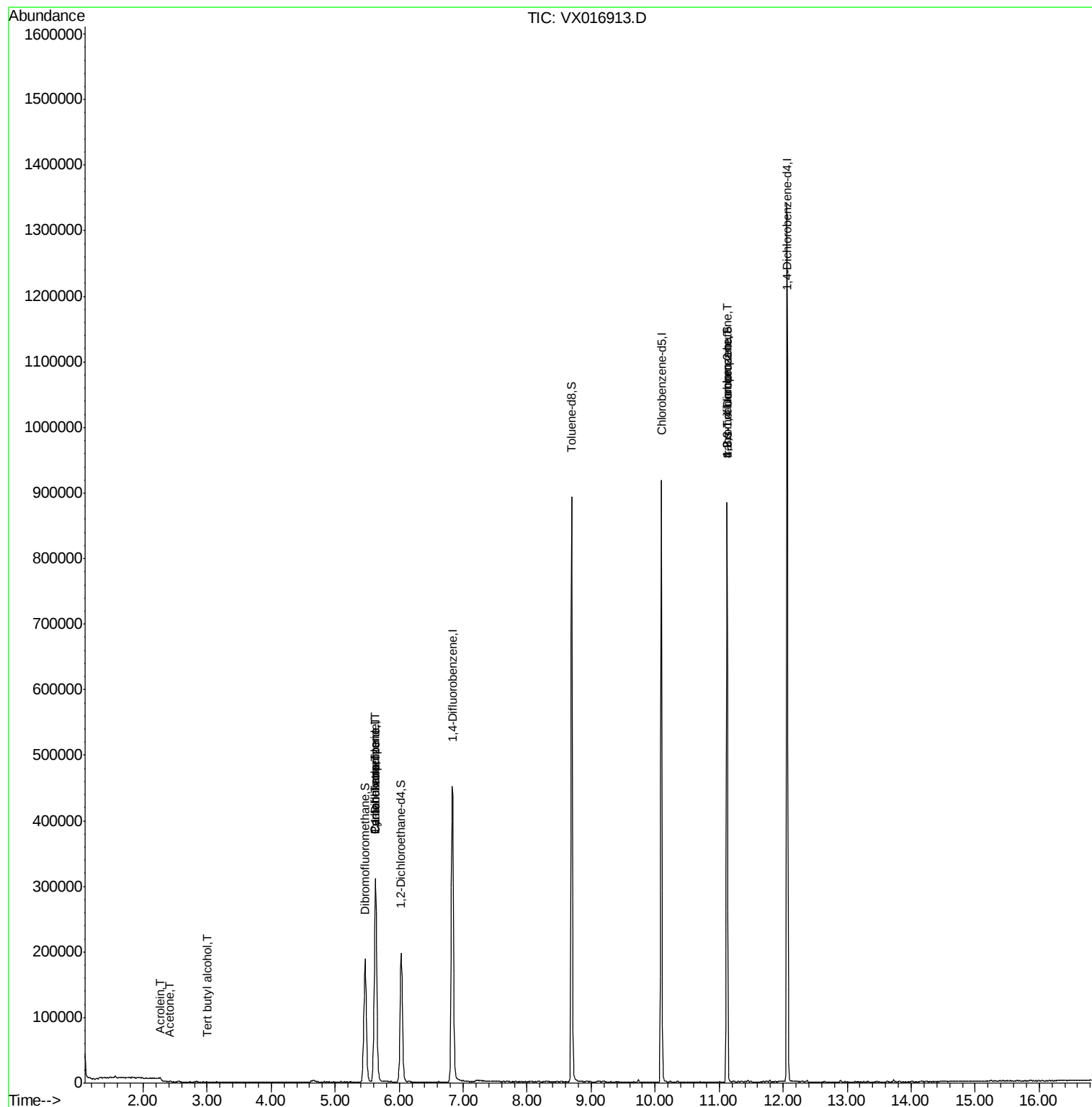
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.00	59	342	0.543	ug/l #	72
13) Acrolein	2.28	56	137	0.358	ug/l #	1
16) Acetone	2.42	43	1329	0.982	ug/l	90
31) Cyclohexane	5.64	56	5594	1.213	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	21160	4.793	ug/l #	49
38) Carbon Tetrachloride	5.63	117	29268	5.909	ug/l #	16
76) 1,2,3-Trichloropropane	11.12	75	109228	21.568	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	109228	52.816	ug/l #	14

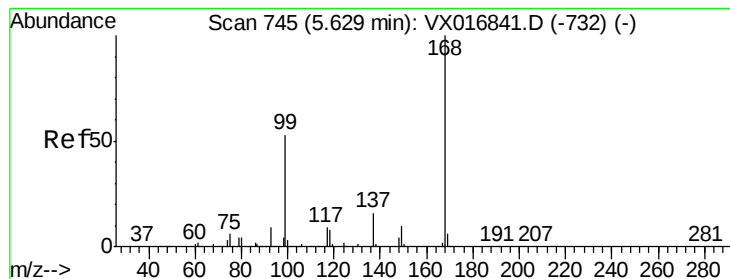
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061920\
Data File : VX016913.D
Acq On : 20 Jun 2020 07:01
Operator : JC/SP
Sample : L3066-09
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB_061820

Quant Time: Jun 22 01:55:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 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: VX016913.D

Acq: 20 Jun 2020 07:01

Instrument :

MSVOA_X

ClientSampleId :

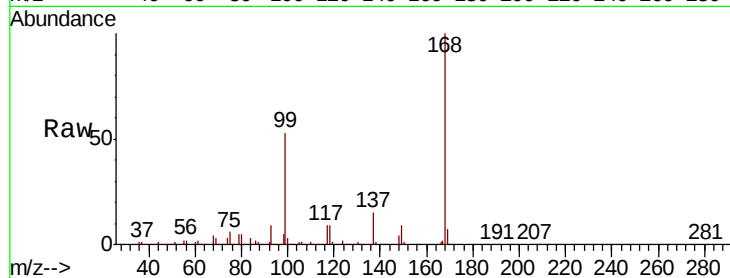
TB_061820

Tot Ion:168 Resp: 310060

Ion Ratio Lower Upper

168 100

99 53.0 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

60000

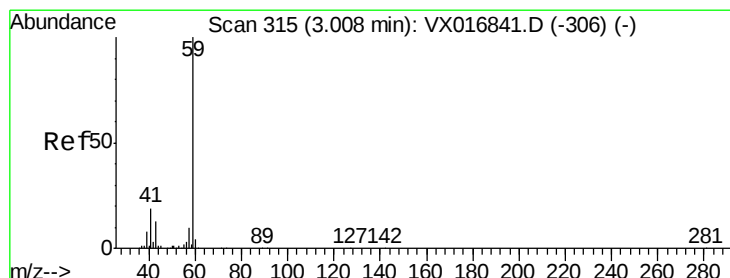
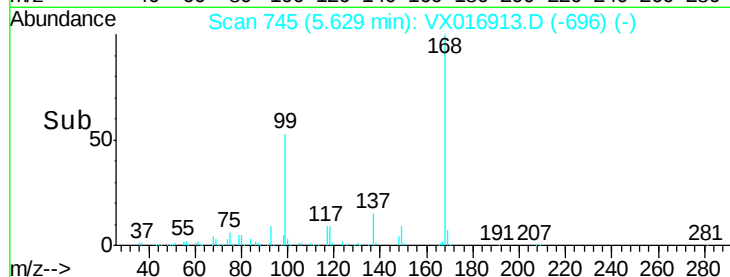
40000

20000

0

Time-->

5.50 5.60 5.70



#11

Tert butyl alcohol

Concen: 0.543 ug/l

RT: 3.00 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX016913.D

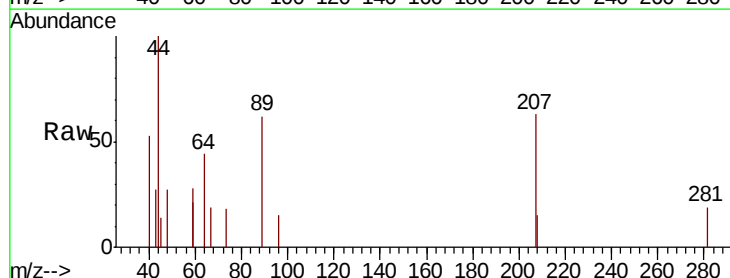
Acq: 20 Jun 2020 07:01

Tgt Ion: 59 Resp: 342

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.00

200

150

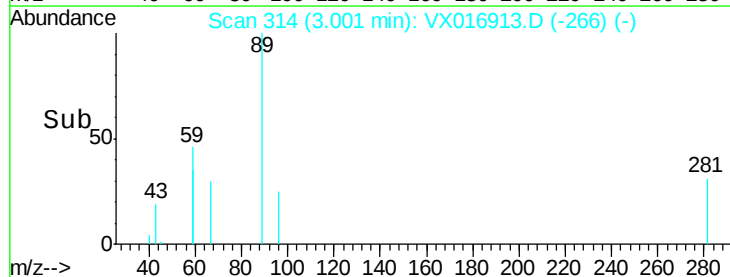
100

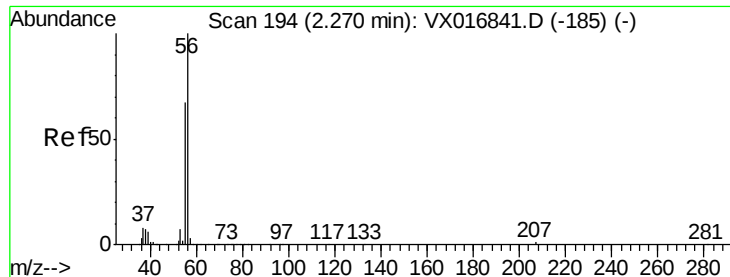
50

0

Time-->

2.95 3.00 3.05





#13

Acrolein

Concen: 0.358 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016913.D

Acq: 20 Jun 2020 07:01

Instrument :

MSVOA_X

ClientSampleId :

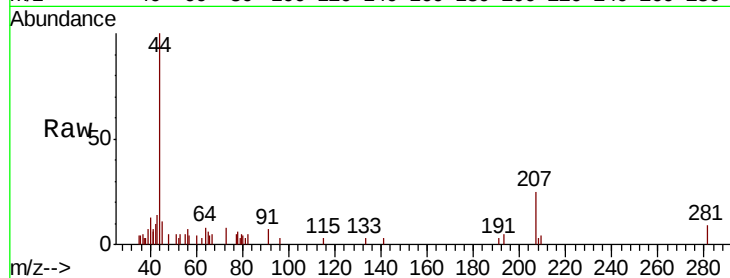
TB_061820

Tot Ion: 56 Resp: 137

Ion Ratio Lower Upper

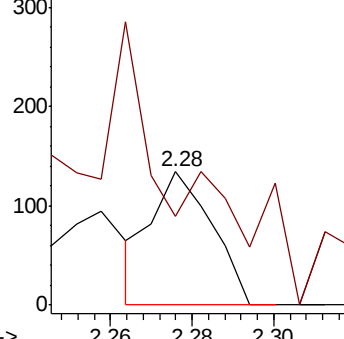
56 100

55 247.4 55.7 83.5#

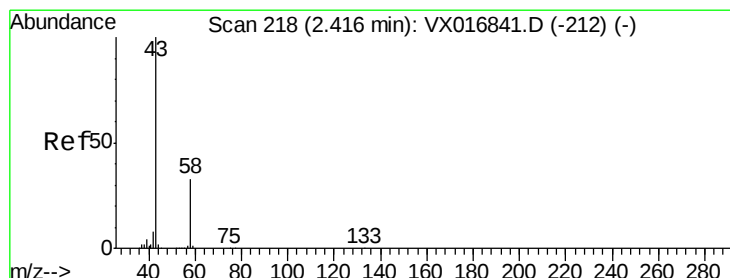
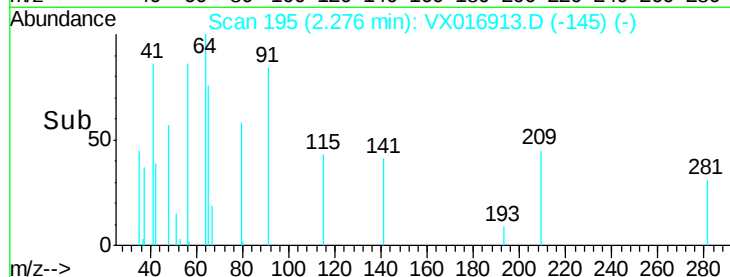


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#16

Acetone

Concen: 0.982 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX016913.D

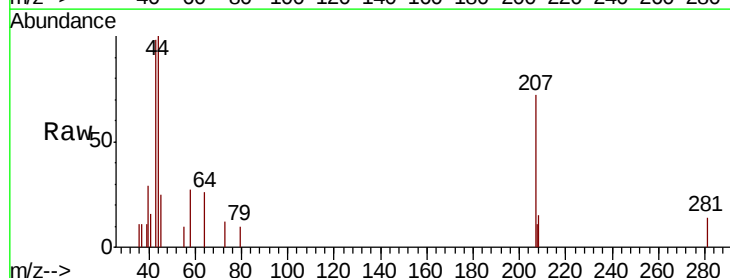
Acq: 20 Jun 2020 07:01

Tgt Ion: 43 Resp: 1329

Ion Ratio Lower Upper

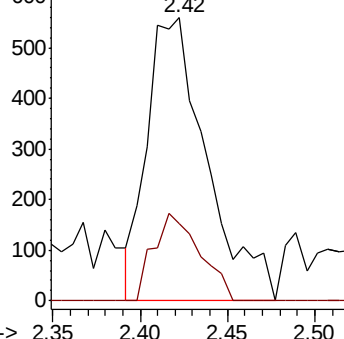
43 100

58 27.4 26.6 39.8

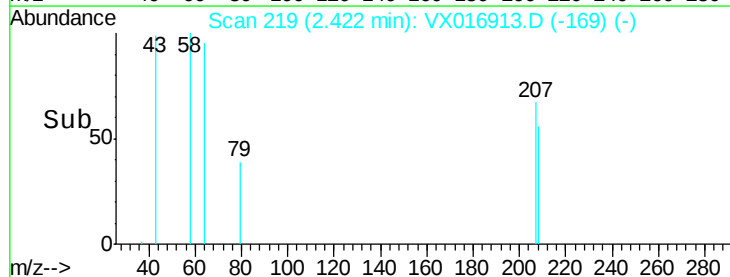


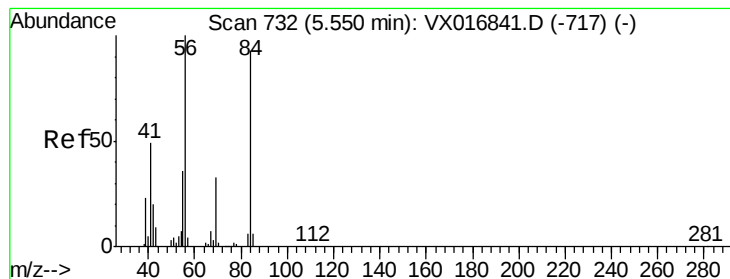
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->





#31

Cyclohexane

Concen: 1.213 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.09 min

Lab File: VX016913.D

Acq: 20 Jun 2020 07:01

Instrument :

MSVOA_X

ClientSampleId :

TB_061820

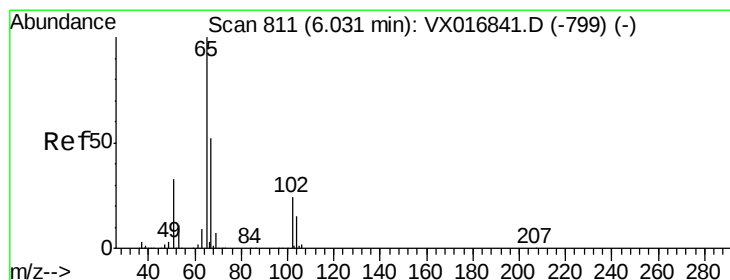
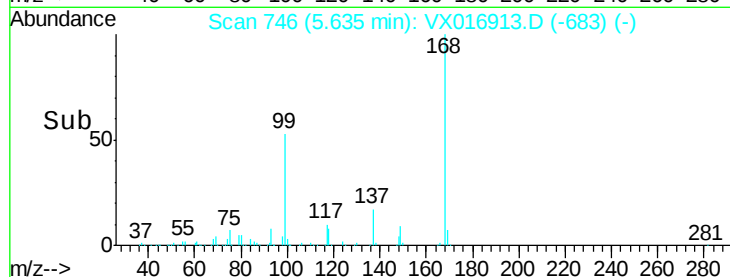
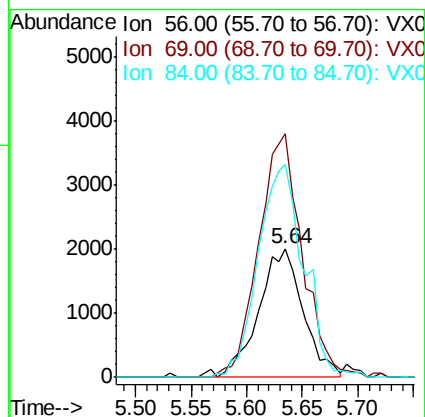
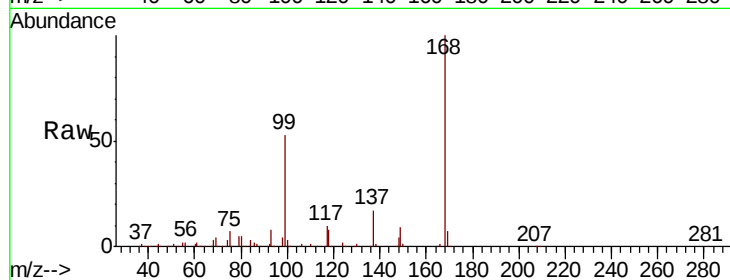
Tot Ion: 56 Resp: 5594

Ion Ratio Lower Upper

56 100

69 189.0 26.1 39.1#

84 165.1 73.0 109.6#



#33

1,2-Dichloroethane-d4

Concen: 48.608 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016913.D

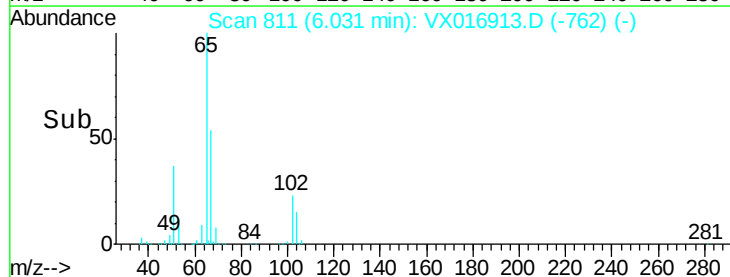
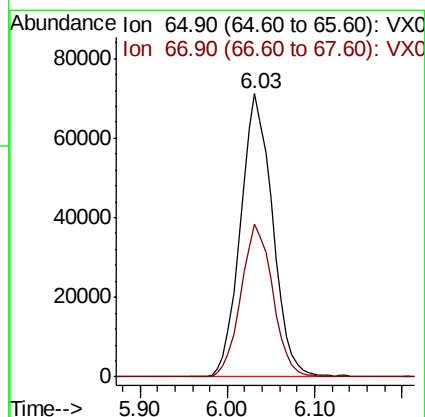
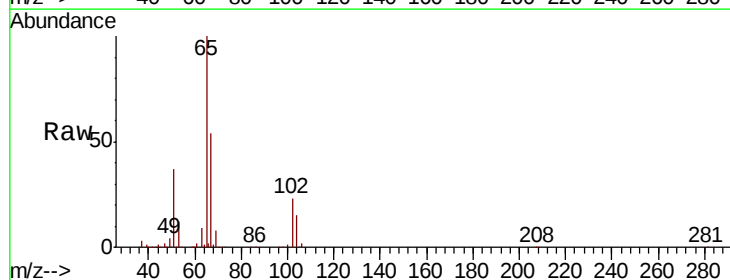
Acq: 20 Jun 2020 07:01

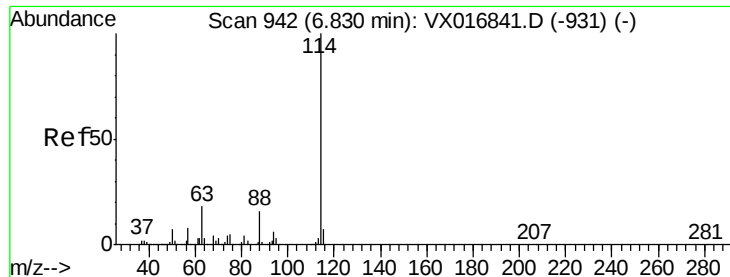
Tgt Ion: 65 Resp: 181260

Ion Ratio Lower Upper

65 100

67 53.6 0.0 102.6

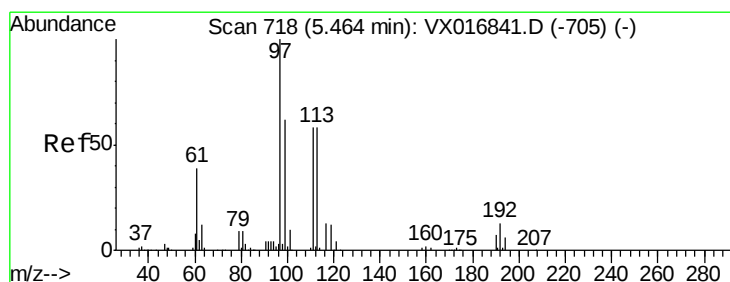
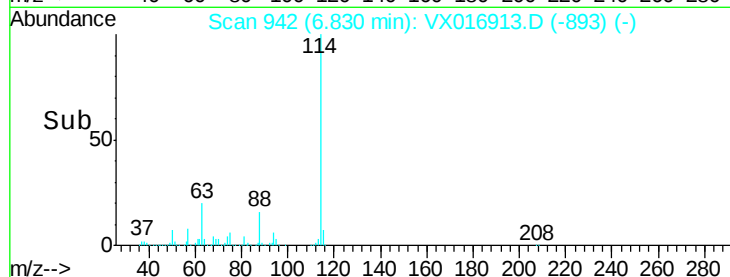
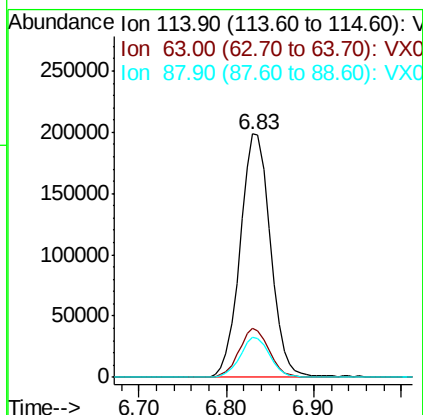
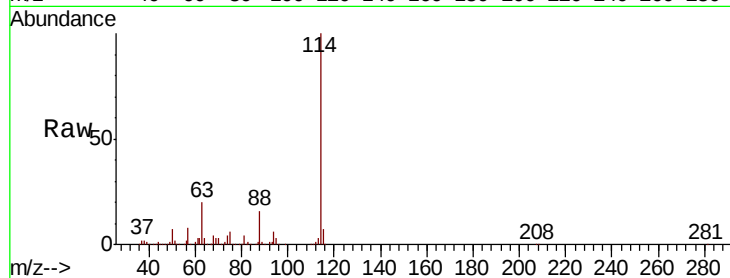




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX016913.D
Acq: 20 Jun 2020 07:01

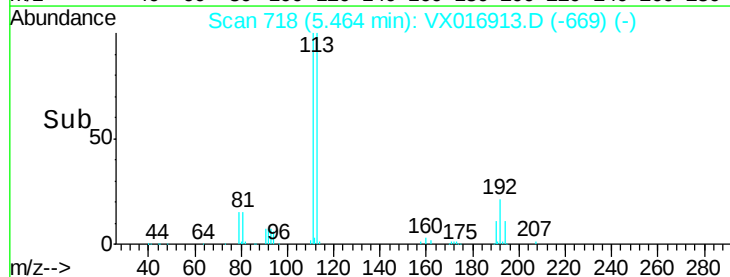
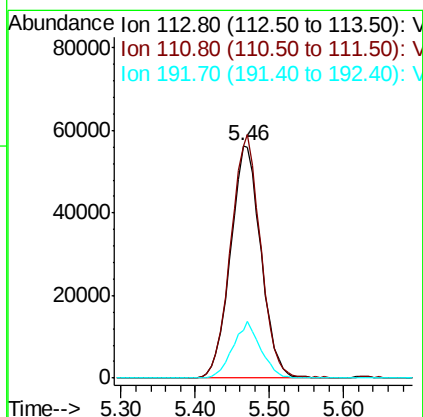
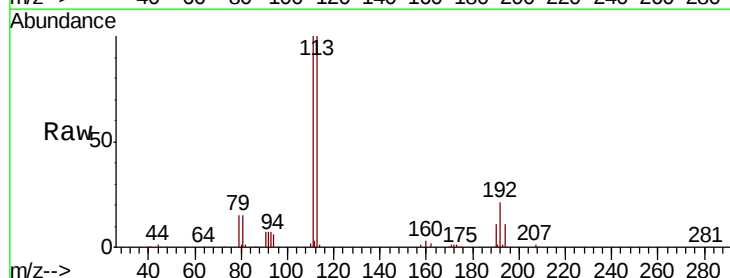
Instrument :
MSVOA_X
ClientSampleId :
TB_061820

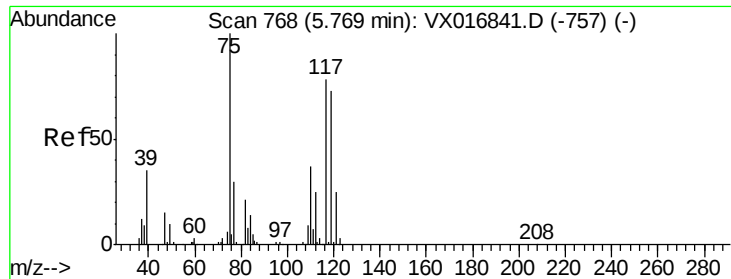
Tot Ion:114 Resp: 478110
Ion Ratio Lower Upper
114 100
63 20.3 0.0 37.0
88 16.4 0.0 32.0



#35
Dibromofluoromethane
Concen: 52.581 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016913.D
Acq: 20 Jun 2020 07:01

Tgt Ion:113 Resp: 160818
Ion Ratio Lower Upper
113 100
111 102.7 81.0 121.4
192 22.3 18.5 27.7





#36

1,1-Dichloropropene

Concen: 4.793 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.13 min

Lab File: VX016913.D

Acq: 20 Jun 2020 07:01

Instrument :

MSVOA_X

ClientSampleId :

TB_061820

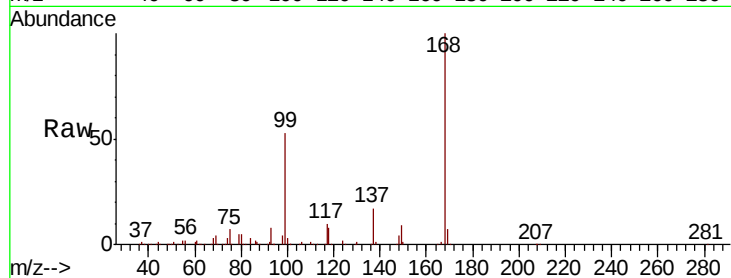
Tot Ion: 75 Resp: 21160

Ion Ratio Lower Upper

75 100

110 10.1 18.9 56.9#

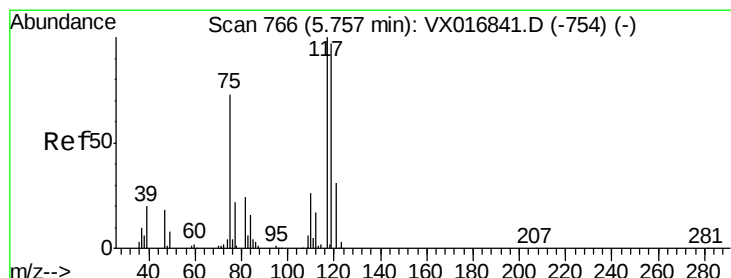
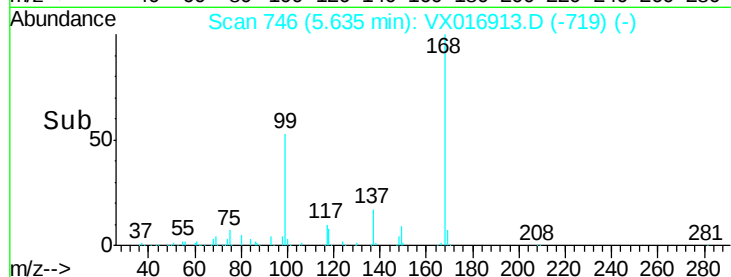
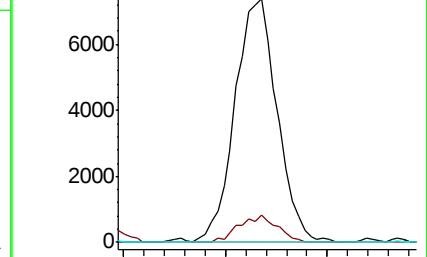
77 0.0 25.6 38.4#



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



#38

Carbon Tetrachloride

Concen: 5.909 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016913.D

Acq: 20 Jun 2020 07:01

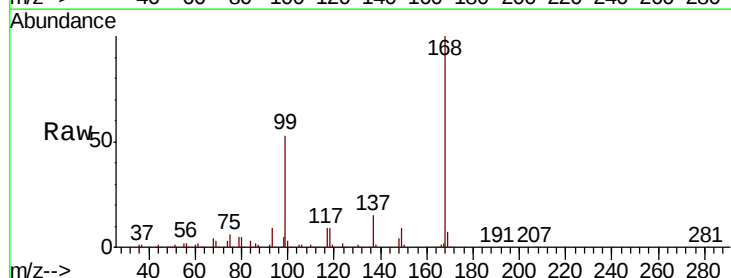
Tgt Ion: 117 Resp: 29268

Ion Ratio Lower Upper

117 100

119 5.4 77.4 116.2#

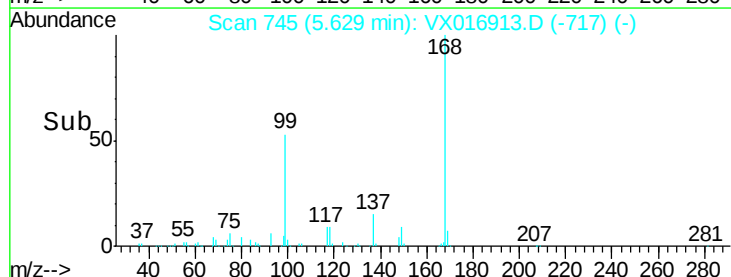
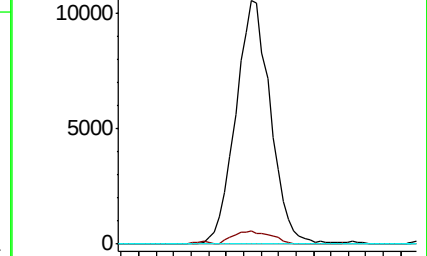
121 0.0 24.7 37.1#

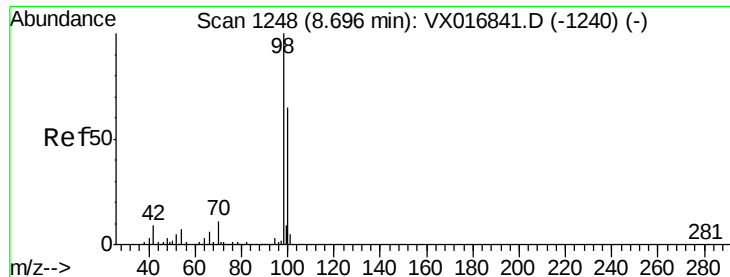


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

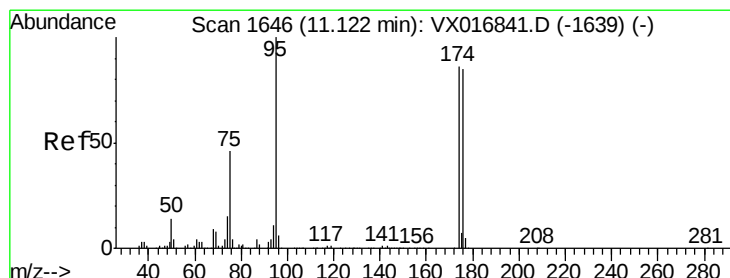
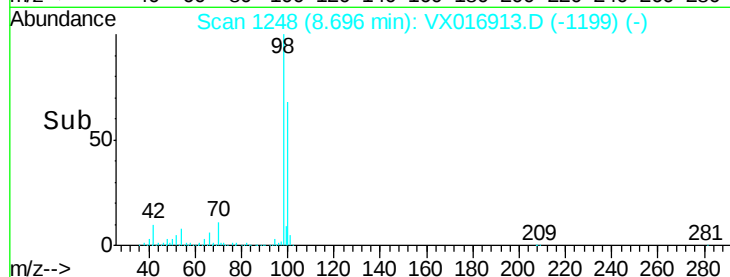
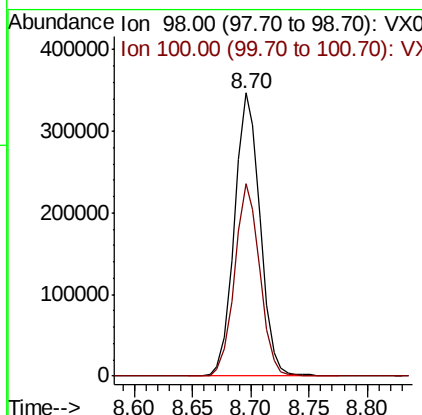
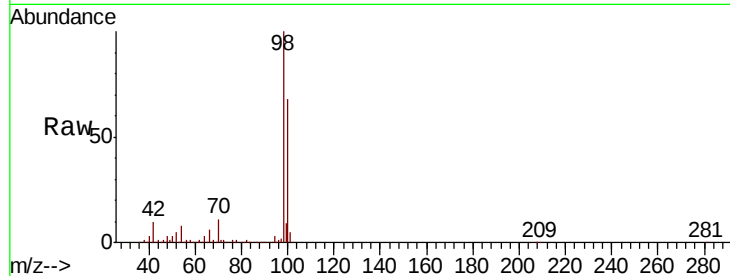




#50
Toluene-d8
Concen: 43.493 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016913.D
Acq: 20 Jun 2020 07:01

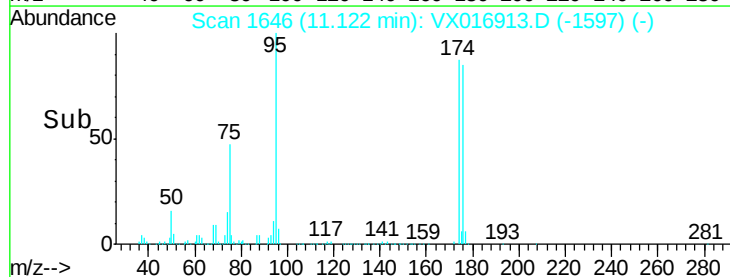
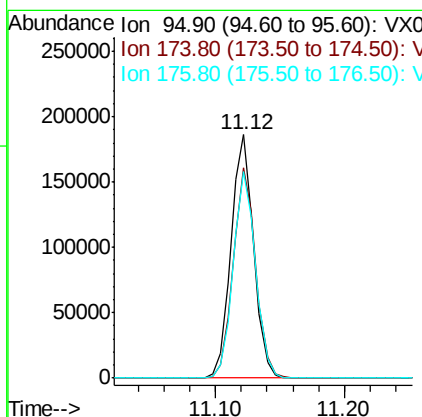
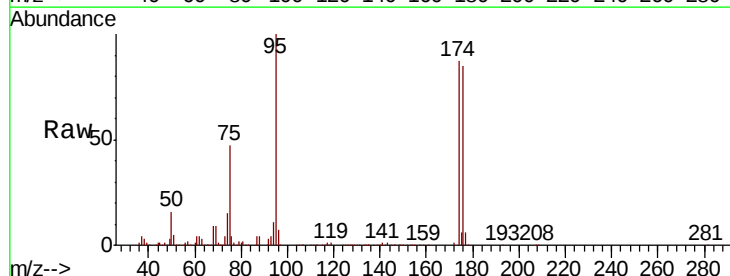
Instrument :
MSVOA_X
ClientSampleId :
TB_061820

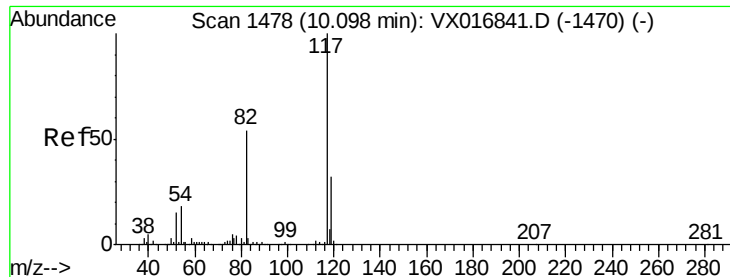
Tot Ion: 98 Resp: 532202
Ion Ratio Lower Upper
98 100
100 67.1 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 48.825 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016913.D
Acq: 20 Jun 2020 07:01

Tgt Ion: 95 Resp: 228907
Ion Ratio Lower Upper
95 100
174 85.3 0.0 174.2
176 83.8 0.0 170.0

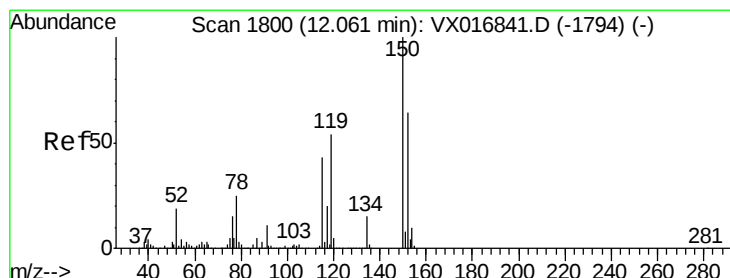
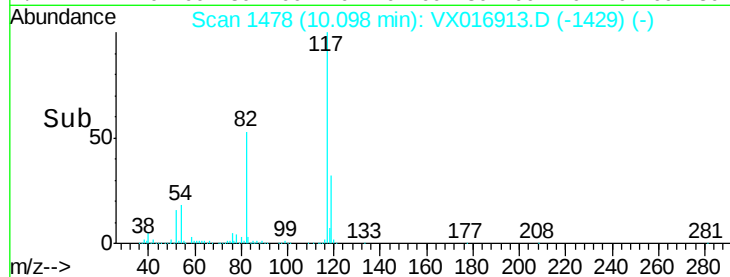
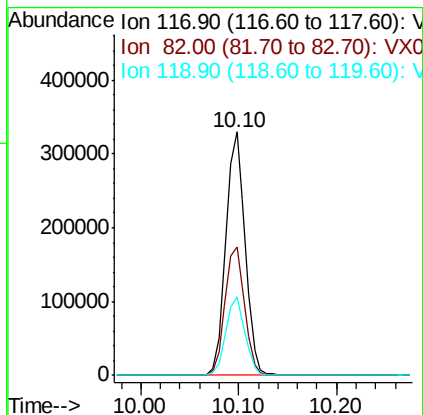
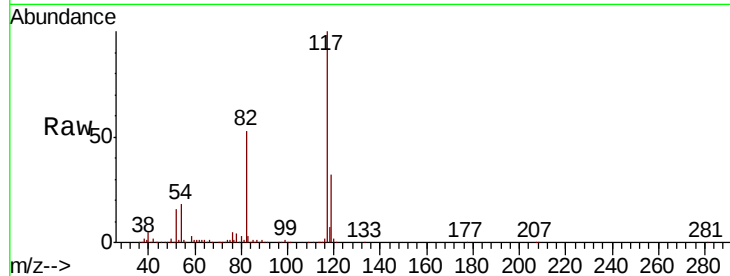




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016913.D
Acq: 20 Jun 2020 07:01

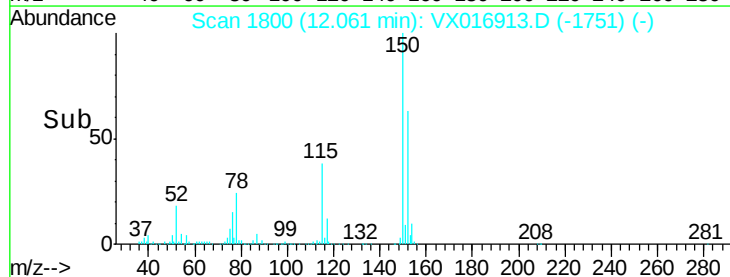
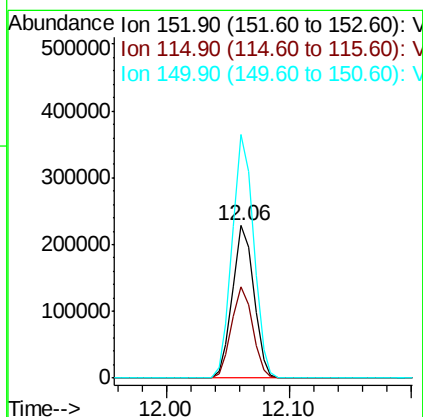
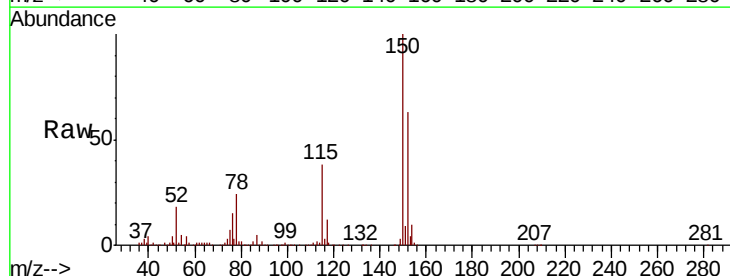
Instrument :
MSVOA_X
ClientSampleId :
TB_061820

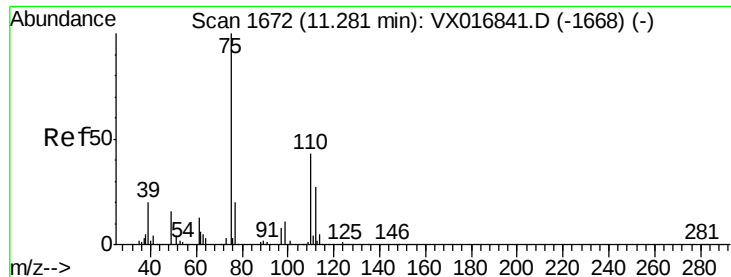
Tot Ion:117 Resp: 450285
Ion Ratio Lower Upper
117 100
82 52.7 43.4 65.0
119 32.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016913.D
Acq: 20 Jun 2020 07:01

Tgt Ion:152 Resp: 277303
Ion Ratio Lower Upper
152 100
115 59.0 40.9 122.8
150 159.0 0.0 344.2





#76

1,2,3-Trichloropropane

Concen: 21.568 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016913.D

Acq: 20 Jun 2020 07:01

Instrument :

MSVOA_X

ClientSampleId :

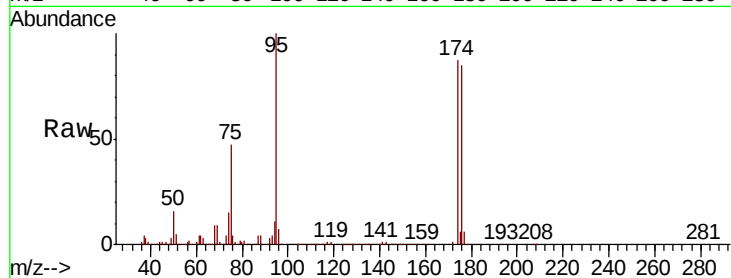
TB_061820

Tot Ion: 75 Resp: 109228

Ion Ratio Lower Upper

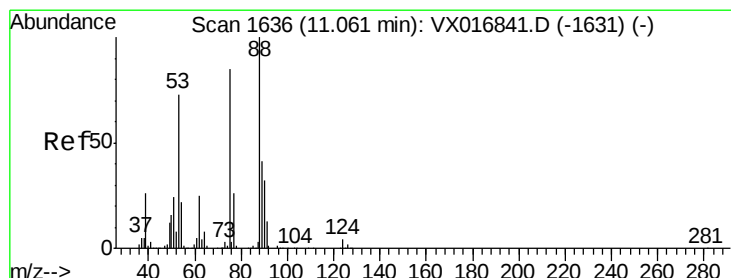
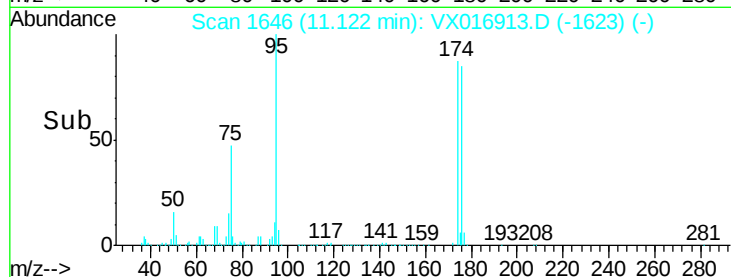
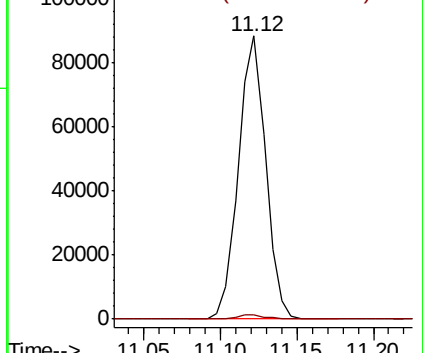
75 100

77 1.5 20.5 61.5#



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: 52.816 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016913.D

Acq: 20 Jun 2020 07:01

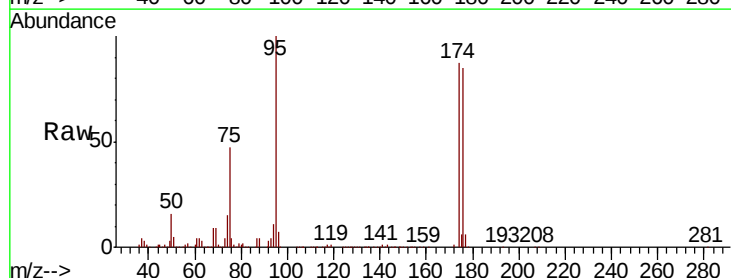
Tgt Ion: 75 Resp: 109228

Ion Ratio Lower Upper

75 100

53 0.1 69.8 104.8#

89 0.0 38.3 57.5#



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

