

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060420\
 Data File : VX016580.D
 Acq On : 04 Jun 2020 13:50
 Operator : JC/SP
 Sample : L2858-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 04:21:47 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	5.62	168	262456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	422273	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	419832	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	210311	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	153369	47.05	ug/l	0.00
Spiked Amount			Recovery	=	94.10%	
35) Dibromofluoromethane	5.46	113	125699	48.34	ug/l	0.00
Spiked Amount			Recovery	=	96.68%	
50) Toluene-d8	8.70	98	512631	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	11.12	95	208611	53.35	ug/l	0.00
Spiked Amount			Recovery	=	106.70%	

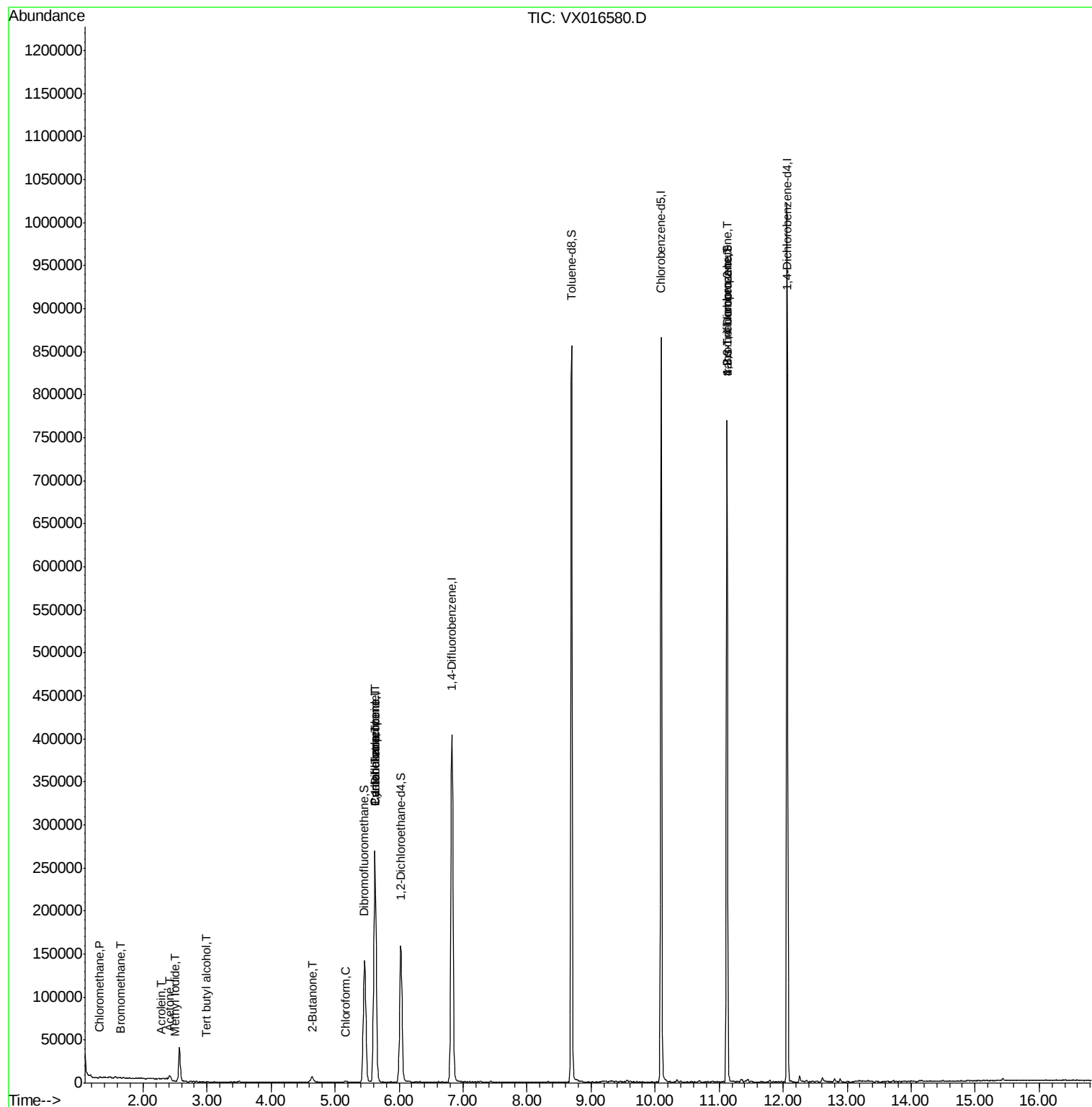
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1009	0.323	ug/l	94
5) Bromomethane	1.65	94	360	0.224	ug/l #	54
10) Methyl Iodide	2.50	142	203	3.122	ug/l #	84
11) Tert butyl alcohol	2.98	59	187	0.224	ug/l #	72
13) Acrolein	2.28	56	376	1.058	ug/l #	58
16) Acetone	2.41	43	3870	2.710	ug/l	94
25) 2-Butanone	4.65	43	887	0.367	ug/l #	49
30) Chloroform	5.17	83	1944	0.383	ug/l	94
31) Cyclohexane	5.62	56	4913	1.084	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	18709	4.679	ug/l #	51
38) Carbon Tetrachloride	5.62	117	25476	6.063	ug/l #	16
76) 1,2,3-Trichloropropane	11.12	75	101883	22.040	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	101883	54.214	ug/l #	14

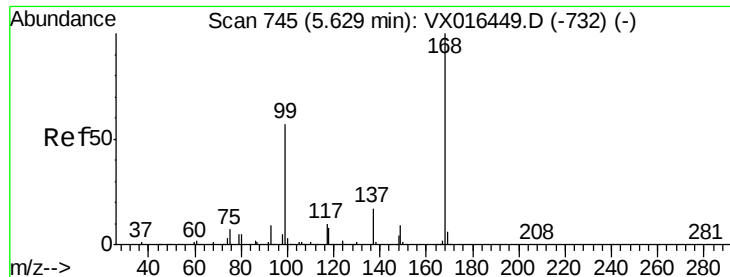
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016580.D

Acq: 04 Jun 2020 13:50

Instrument :

MSVOA_X

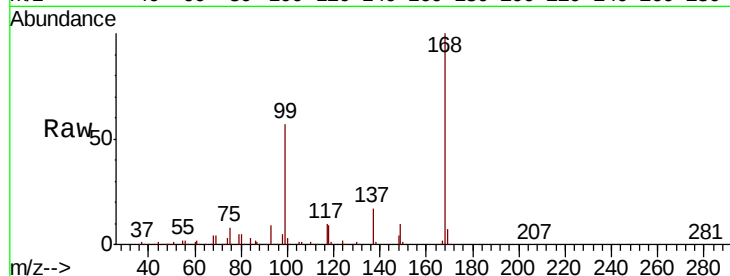
ClientSampled :

Tot Ion:168 Resp: 262456

Ion Ratio Lower Upper

168 100

99 56.9 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

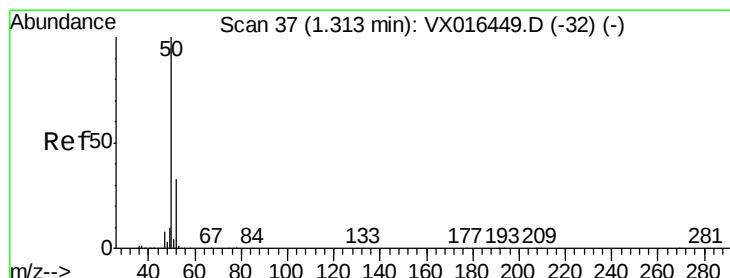
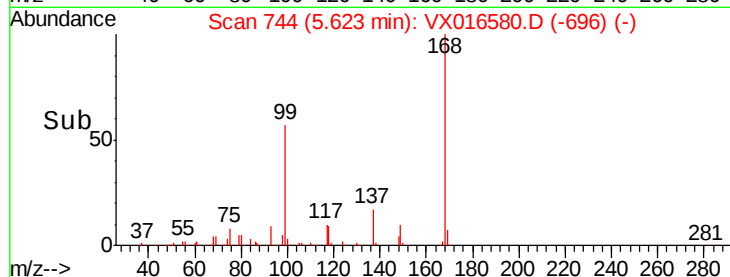
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.323 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016580.D

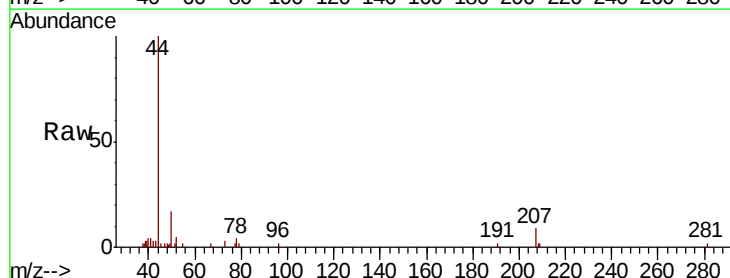
Acq: 04 Jun 2020 13:50

Tgt Ion: 50 Resp: 1009

Ion Ratio Lower Upper

50 100

52 29.4 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

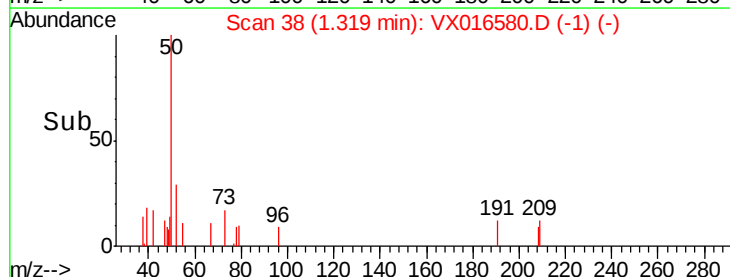
600

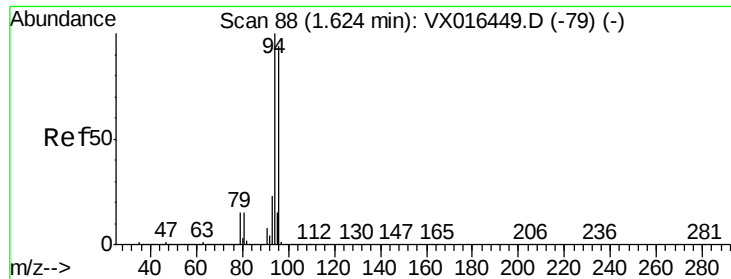
400

200

0

Time-->





#5

Bromomethane

Concen: 0.224 ug/l

RT: 1.65 min Scan# 92

Delta R.T. 0.02 min

Lab File: VX016580.D

Acq: 04 Jun 2020 13:50

Instrument :

MSVOA_X

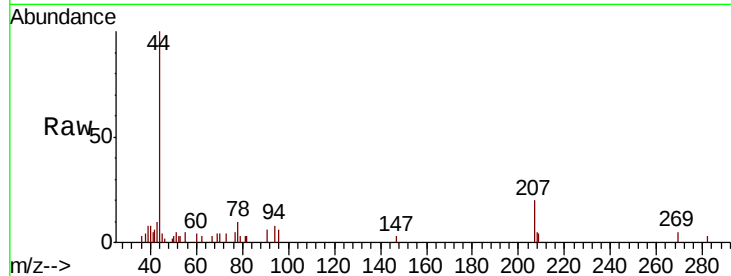
ClientSampleId :

Tot Ion: 94 Resp: 360

Ion Ratio Lower Upper

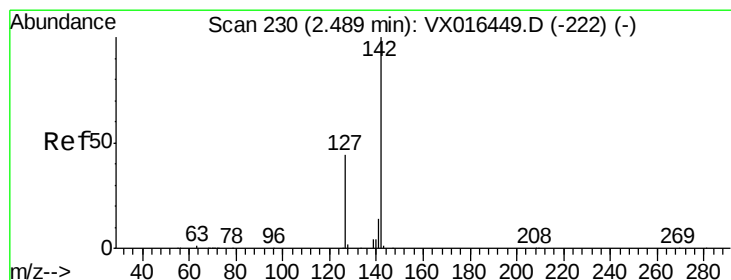
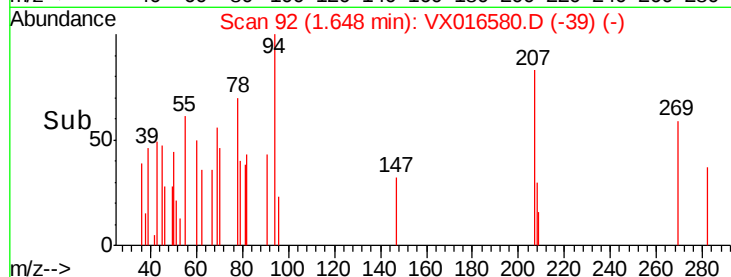
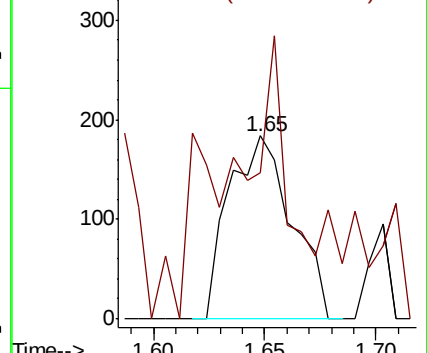
94 100

96 49.5 75.1 112.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#10

Methyl Iodide

Concen: 3.122 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX016580.D

Acq: 04 Jun 2020 13:50

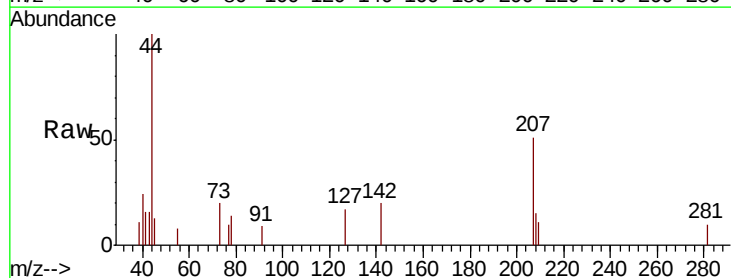
Tgt Ion: 142 Resp: 203

Ion Ratio Lower Upper

142 100

127 50.7 35.3 52.9

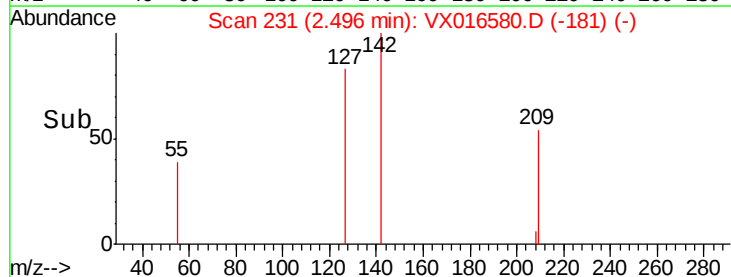
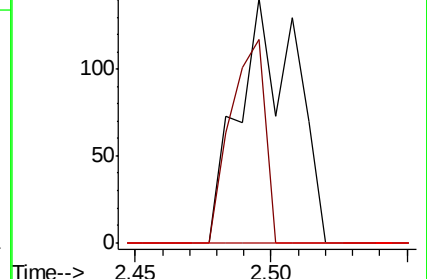
141 0.0 11.4 17.2#

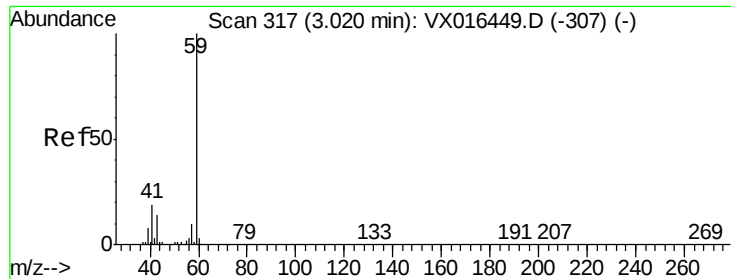


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

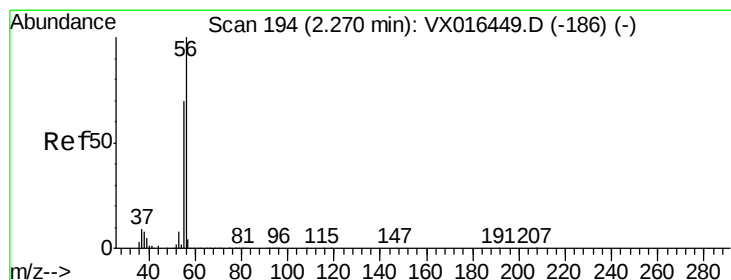
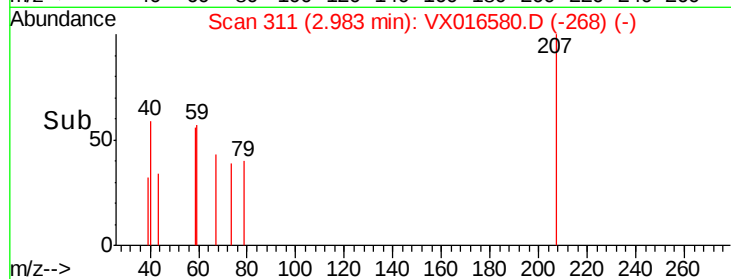
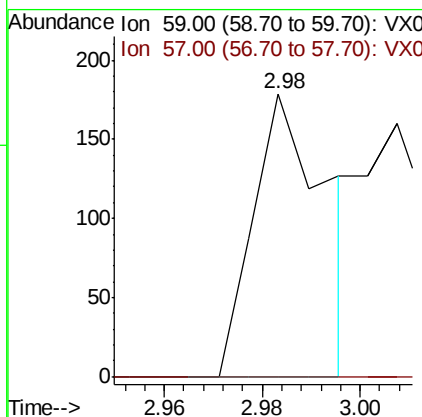
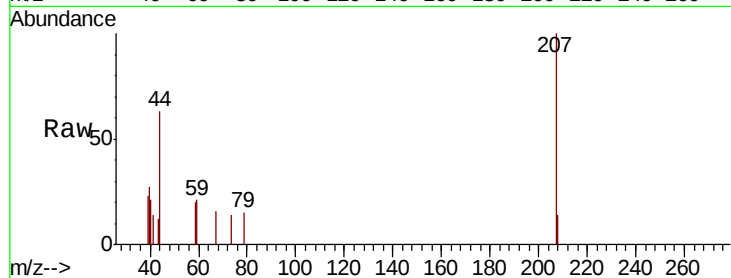




#11
Tert butyl alcohol
Concen: 0.224 ug/l
RT: 2.98 min Scan# 311
Delta R.T. -0.04 min
Lab File: VX016580.D
Acq: 04 Jun 2020 13:50

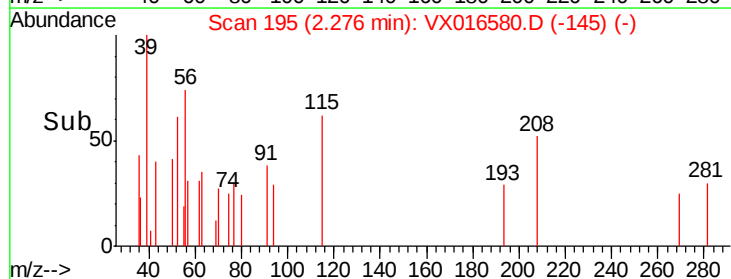
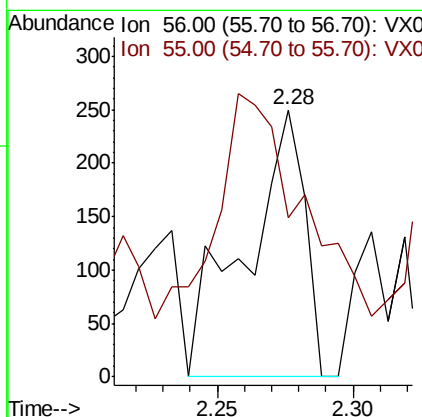
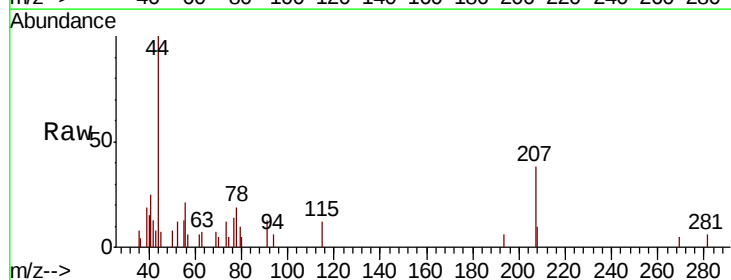
Instrument :
MSVOA_X
ClientSampleId :

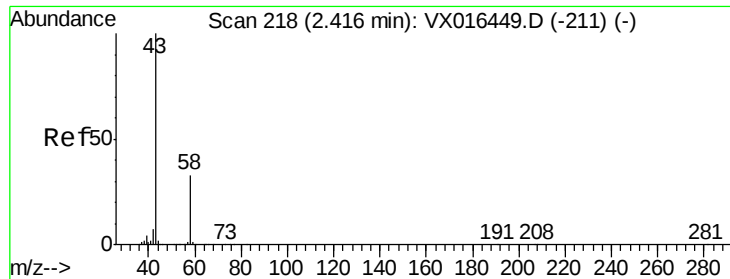
Tot Ion: 59 Resp: 187
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 1.058 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX016580.D
Acq: 04 Jun 2020 13:50

Tgt Ion: 56 Resp: 376
Ion Ratio Lower Upper
56 100
55 108.0 58.3 87.5#

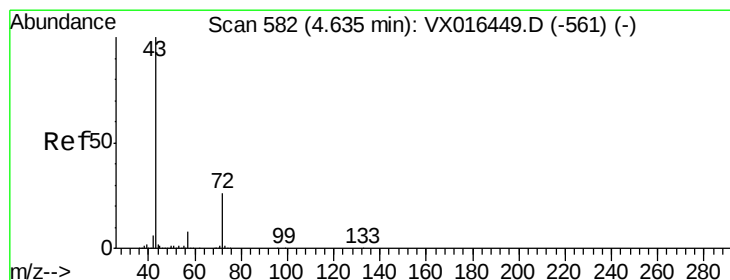
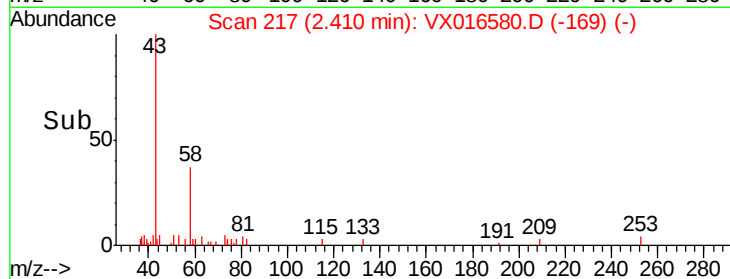
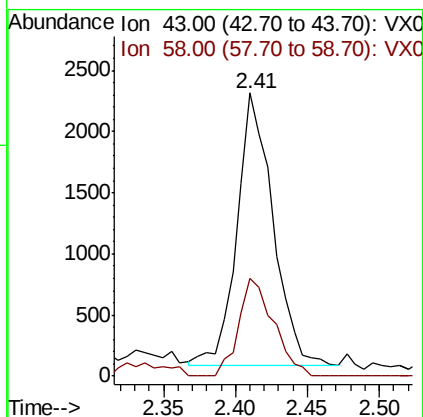
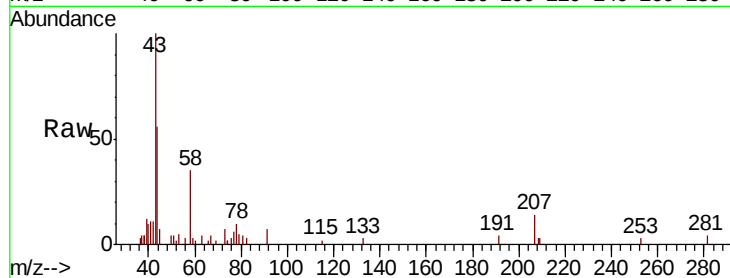




#16
Acetone
Concen: 2.710 ug/l
RT: 2.41 min Scan# 217
Delta R.T. -0.01 min
Lab File: VX016580.D
Acq: 04 Jun 2020 13:50

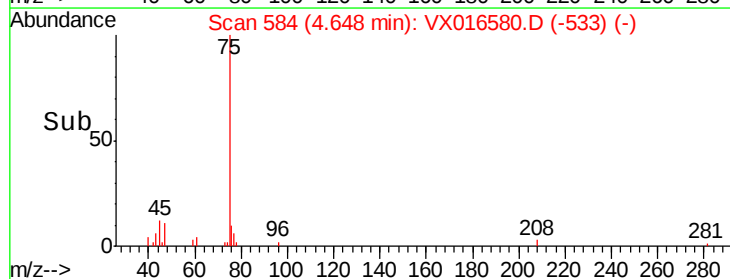
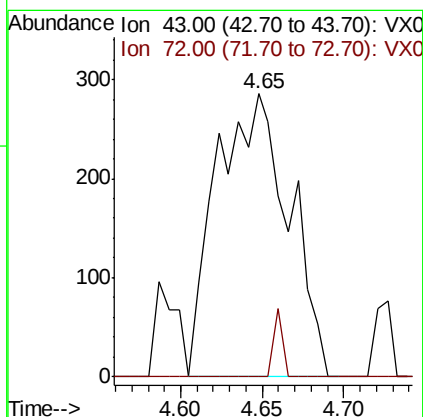
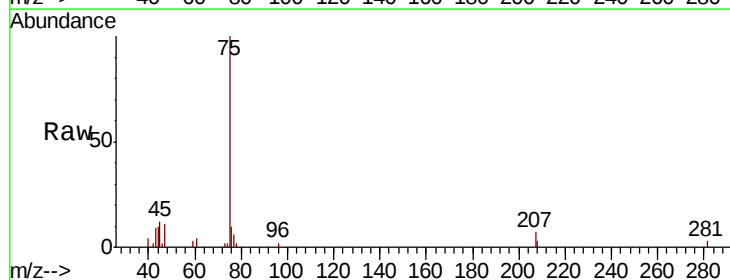
Instrument :
MSVOA_X
ClientSampled :

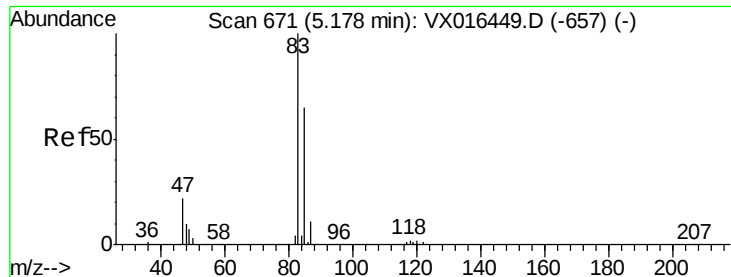
Tot Ion: 43 Resp: 3870
Ion Ratio Lower Upper
43 100
58 36.0 26.1 39.1



#25
2-Butanone
Concen: 0.367 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX016580.D
Acq: 04 Jun 2020 13:50

Tgt Ion: 43 Resp: 887
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.6#

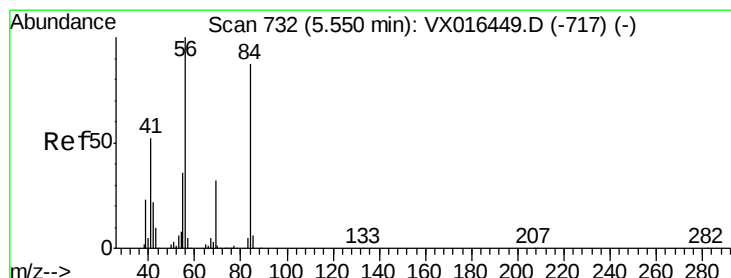
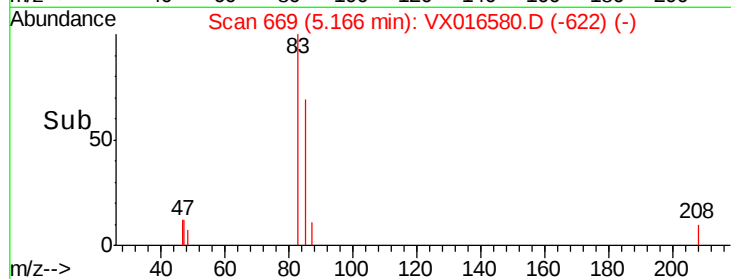
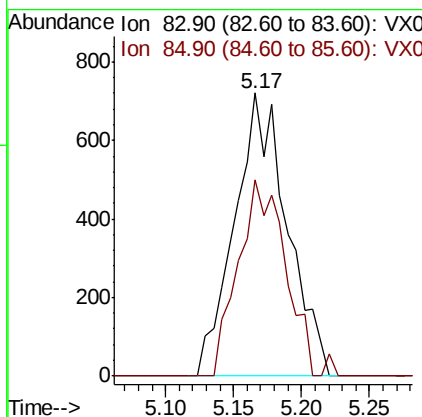
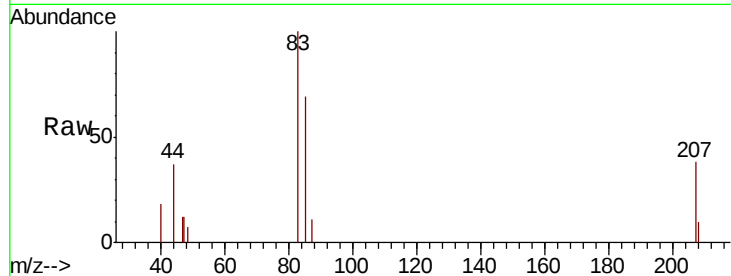




#30
Chloroform
Concen: 0.383 ug/l
RT: 5.17 min Scan# 669
Delta R.T. -0.01 min
Lab File: VX016580.D
Acq: 04 Jun 2020 13:50

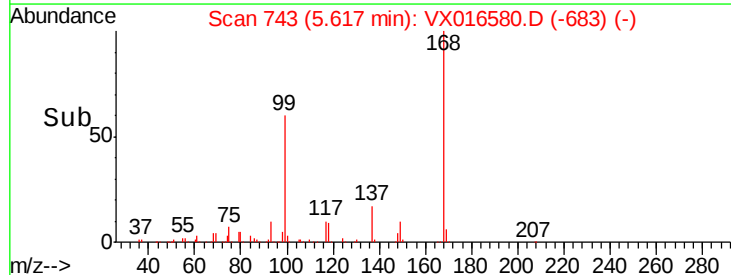
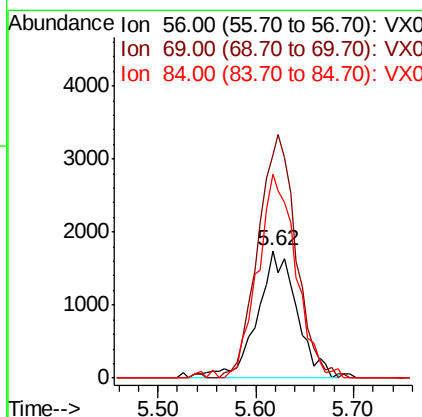
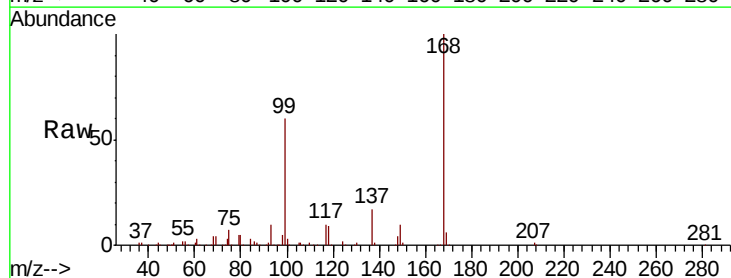
Instrument :
MSVOA_X
ClientSampleId :

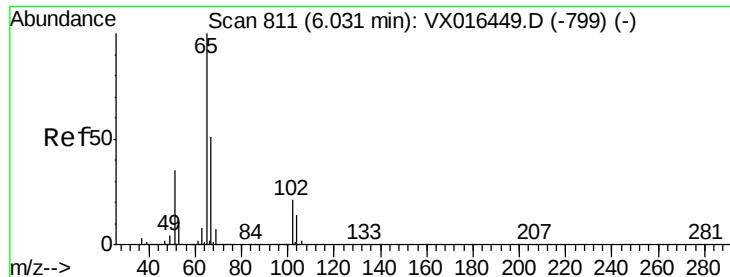
Tot Ion: 83 Resp: 1944
Ion Ratio Lower Upper
83 100
85 69.3 52.0 78.0



#31
Cyclohexane
Concen: 1.084 ug/l
RT: 5.62 min Scan# 743
Delta R.T. 0.07 min
Lab File: VX016580.D
Acq: 04 Jun 2020 13:50

Tgt Ion: 56 Resp: 4913
Ion Ratio Lower Upper
56 100
69 174.9 25.7 38.5#
84 159.6 70.0 105.0#





#33

1,2-Dichloroethane-d4

Concen: 47.055 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX016580.D

Acq: 04 Jun 2020 13:50

Instrument :

MSVOA_X

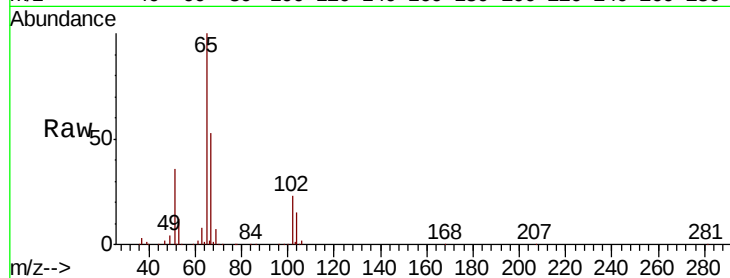
ClientSampleId :

Tot Ion: 65 Resp: 153369

Ion Ratio Lower Upper

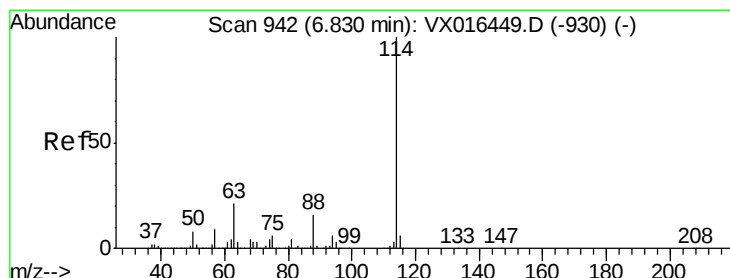
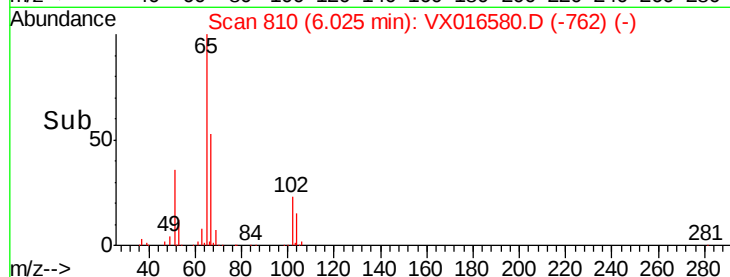
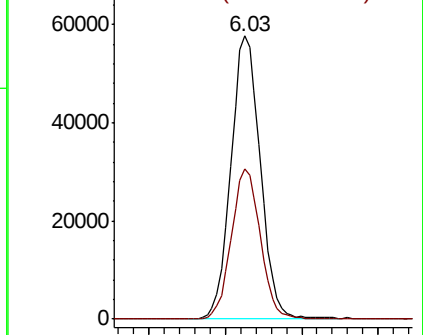
65 100

67 52.5 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX016580.D

Acq: 04 Jun 2020 13:50

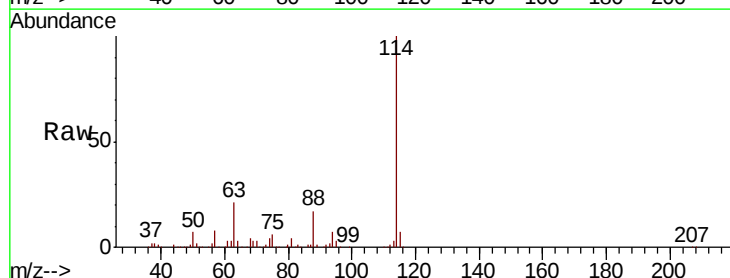
Tgt Ion: 114 Resp: 422273

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

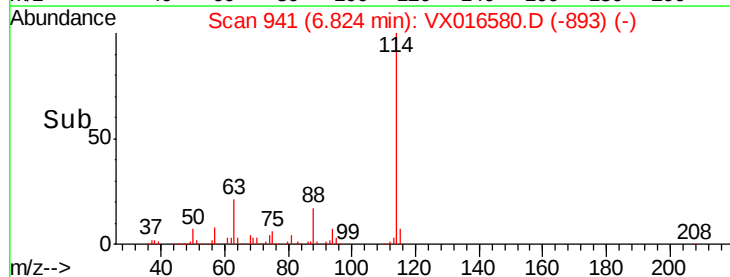
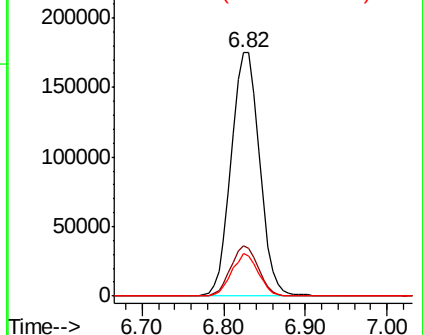
88 17.4 0.0 32.8

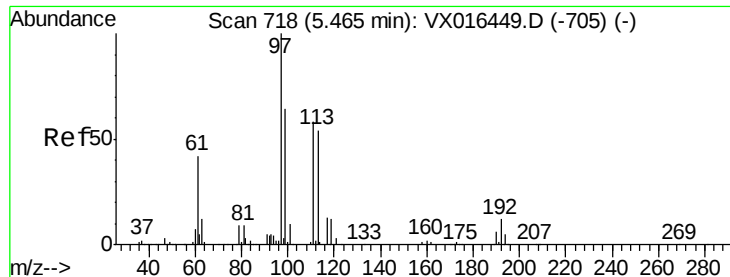


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

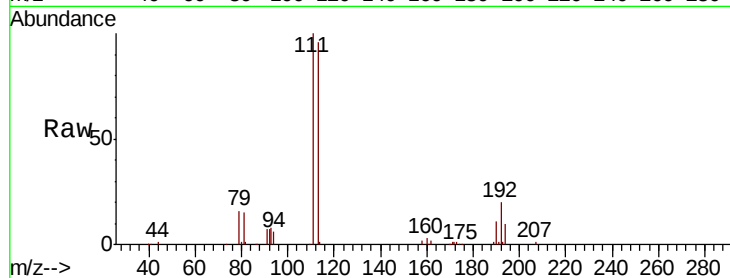




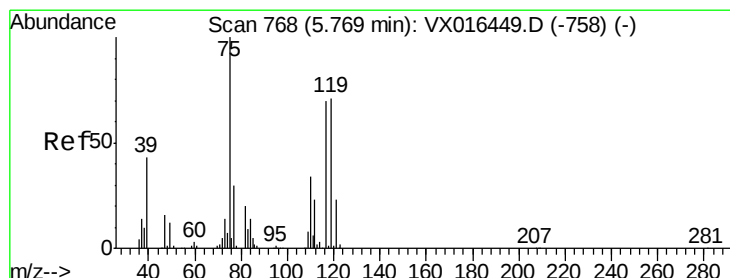
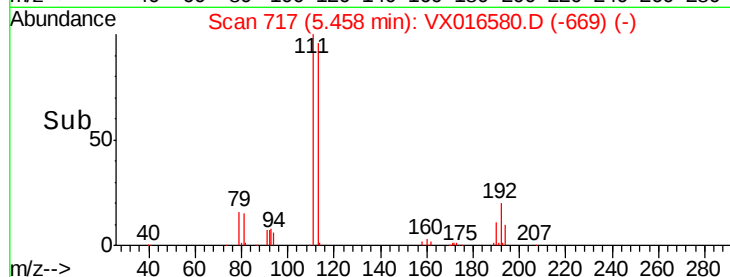
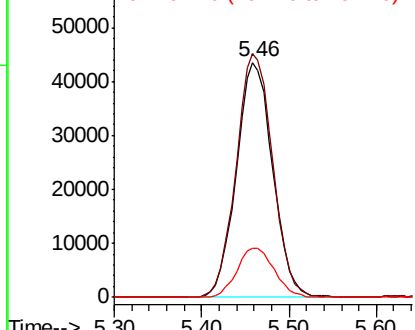
#35
Dibromofluoromethane
Concen: 48.343 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016580.D
Acq: 04 Jun 2020 13:50

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:113 Resp: 125699
Ion Ratio Lower Upper
113 100
111 104.1 83.0 124.6
192 21.7 17.7 26.5

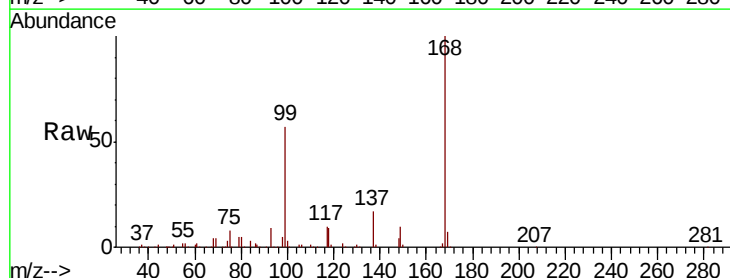


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

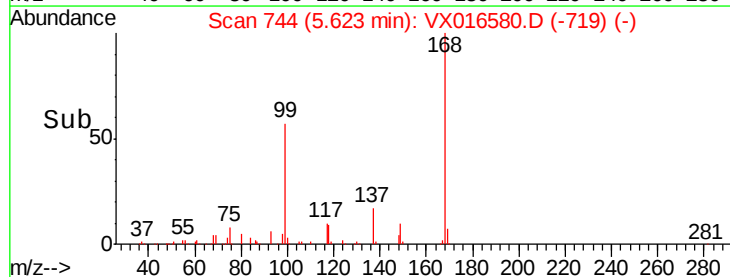
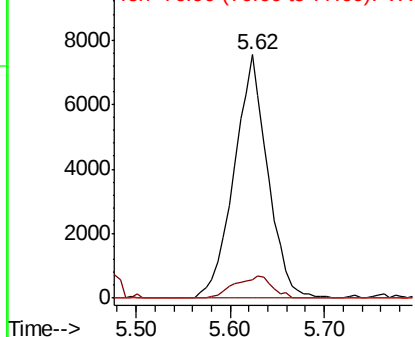


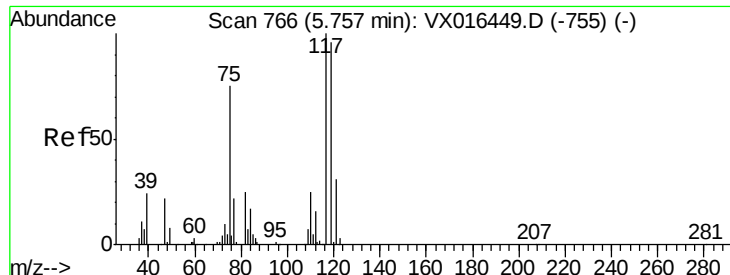
#36
1,1-Dichloropropene
Concen: 4.679 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.15 min
Lab File: VX016580.D
Acq: 04 Jun 2020 13:50

Tgt Ion: 75 Resp: 18709
Ion Ratio Lower Upper
75 100
110 10.1 17.4 52.3#
77 0.0 24.2 36.4#



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: 6.063 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.13 min

Lab File: VX016580.D

Acq: 04 Jun 2020 13:50

Instrument :

MSVOA_X

ClientSampled :

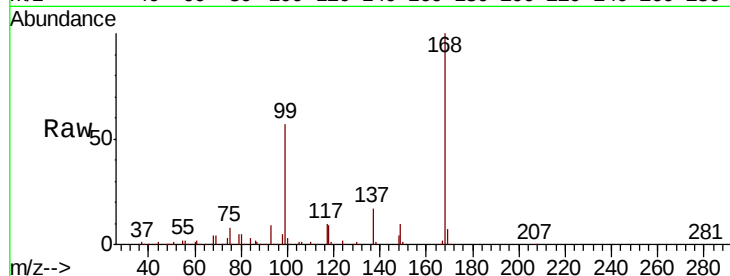
Tot Ion:117 Resp: 25476

Ion Ratio Lower Upper

117 100

119 5.1 76.3 114.5#

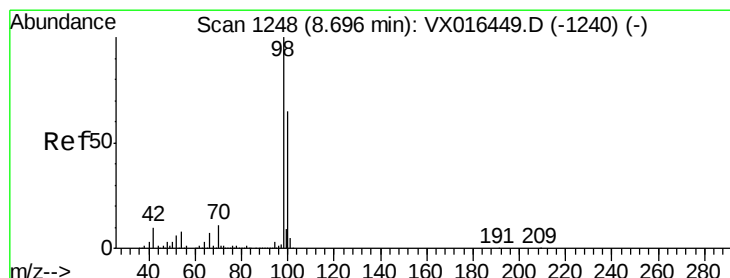
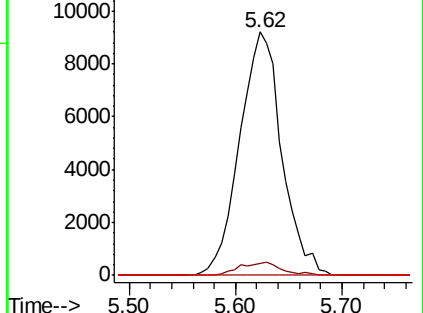
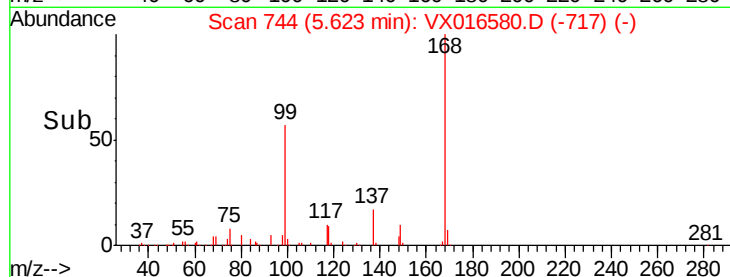
121 0.0 24.6 37.0#



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: 50.654 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016580.D

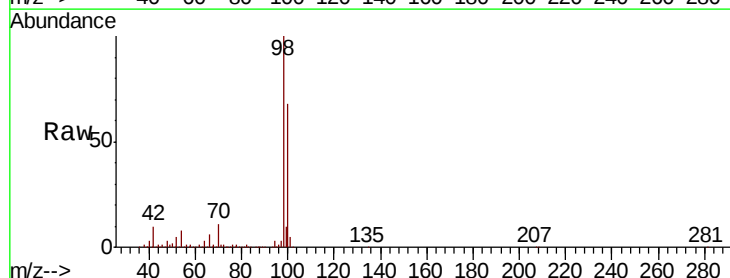
Acq: 04 Jun 2020 13:50

Tgt Ion: 98 Resp: 512631

Ion Ratio Lower Upper

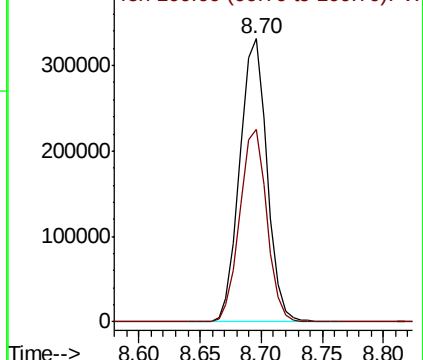
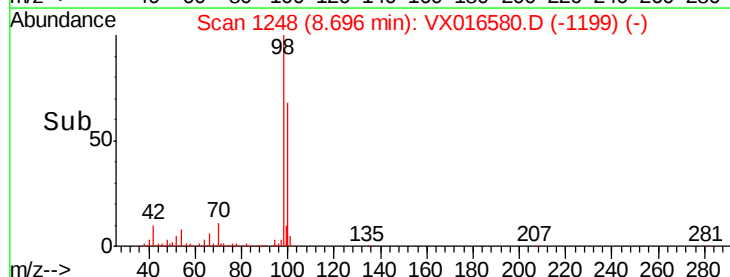
98 100

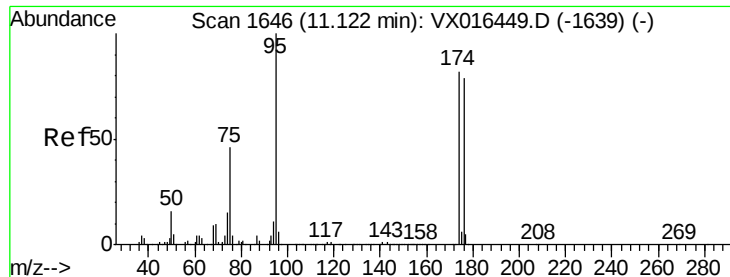
100 67.7 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 53.347 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016580.D

Acq: 04 Jun 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

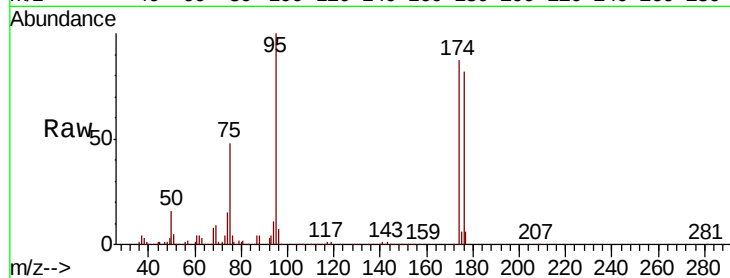
Tot Ion: 95 Resp: 208611

Ion Ratio Lower Upper

95 100

174 84.4 0.0 163.0

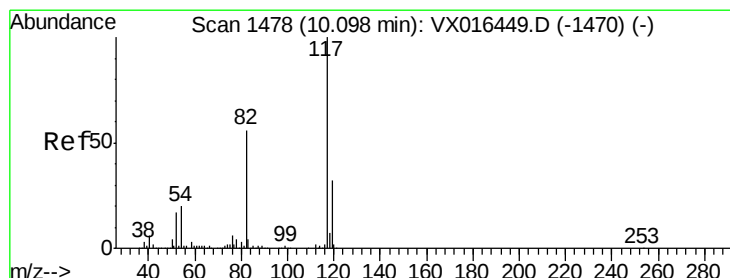
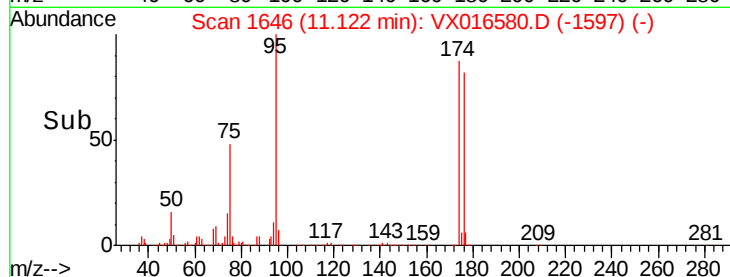
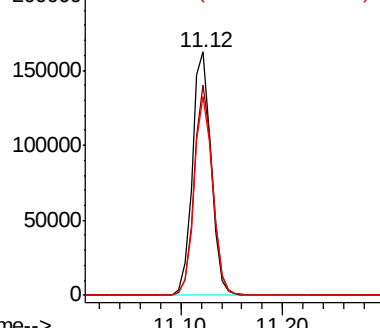
176 80.9 0.0 156.8



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: 10.09 min Scan# 1477

Delta R.T. -0.01 min

Lab File: VX016580.D

Acq: 04 Jun 2020 13:50

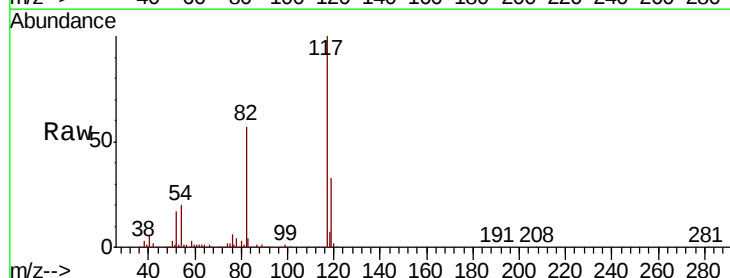
Tgt Ion: 117 Resp: 419832

Ion Ratio Lower Upper

117 100

82 56.7 45.0 67.6

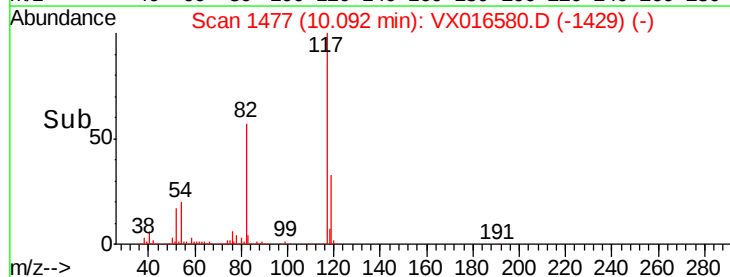
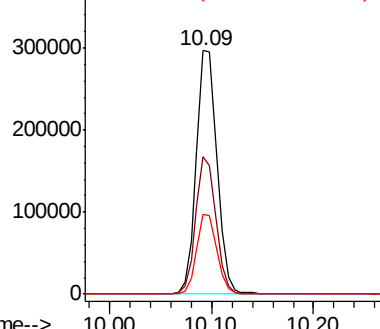
119 32.6 25.8 38.8

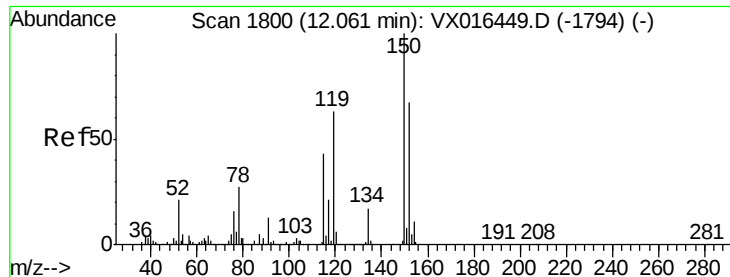


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016580.D

Acq: 04 Jun 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

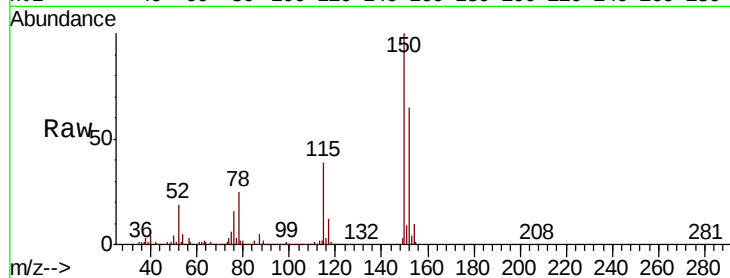
Tot Ion:152 Resp: 210311

Ion Ratio Lower Upper

152 100

115 58.8 39.9 119.6

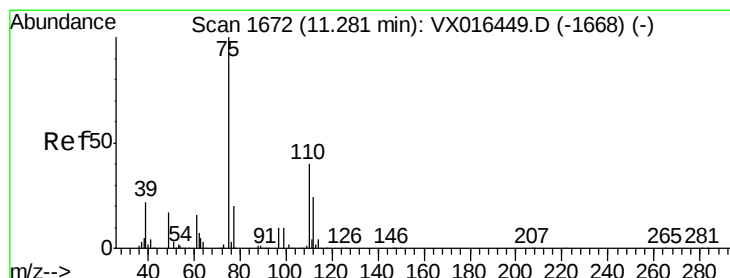
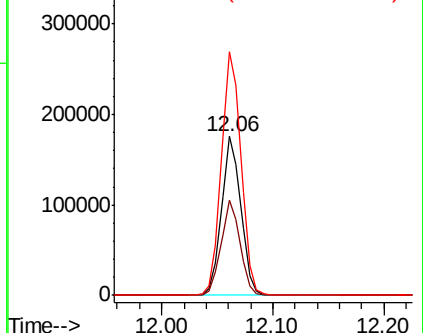
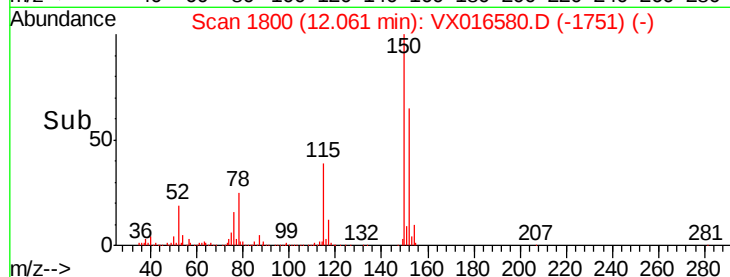
150 156.9 0.0 341.0



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



#76

1,2,3-Trichloropropane

Concen: 22.040 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016580.D

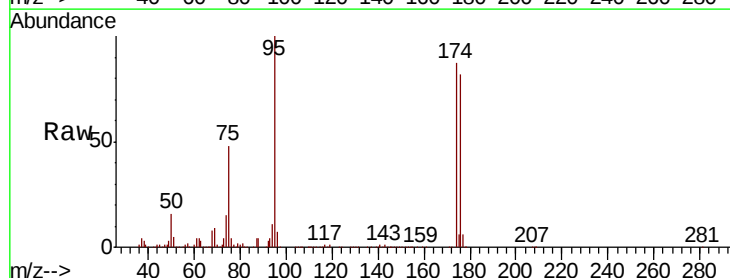
Acq: 04 Jun 2020 13:50

Tgt Ion: 75 Resp: 101883

Ion Ratio Lower Upper

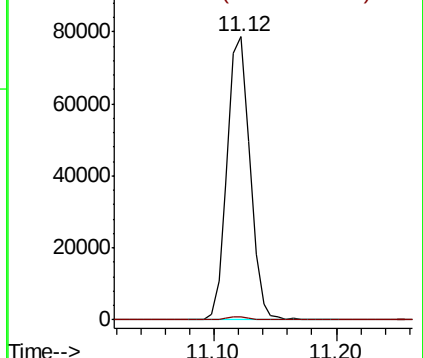
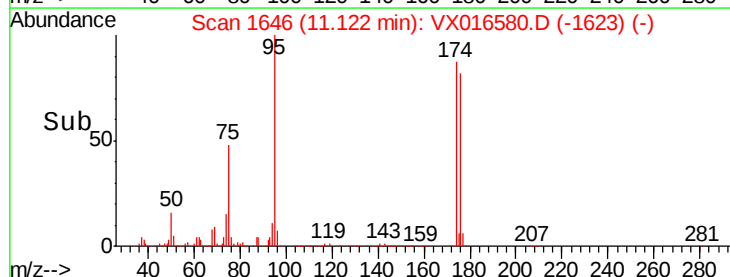
75 100

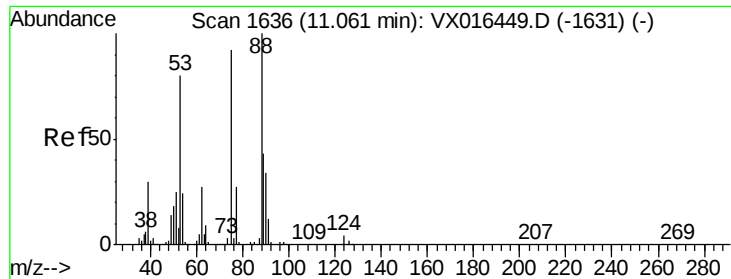
77 1.3 21.3 63.7#



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: 54.214 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX016580.D
 Acq: 04 Jun 2020 13:50

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 101883
 Ion Ratio Lower Upper
 75 100
 53 0.1 71.3 106.9#
 89 0.0 36.6 55.0#

