

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061020\
 Data File : VX016668.D
 Acq On : 10 Jun 2020 12:45
 Operator : JC/SP
 Sample : L2963-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z1-TB4-200608

Quant Time: Jun 11 02:59:50 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	5.64	168	218224	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	346109	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	348293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	178067	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	126749	46.77	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.54%		
35) Dibromofluoromethane	5.47	113	103311	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.96%		
50) Toluene-d8	8.70	98	420989	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.50%		
62) 4-Bromofluorobenzene	11.12	95	168229	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery =	104.98%		

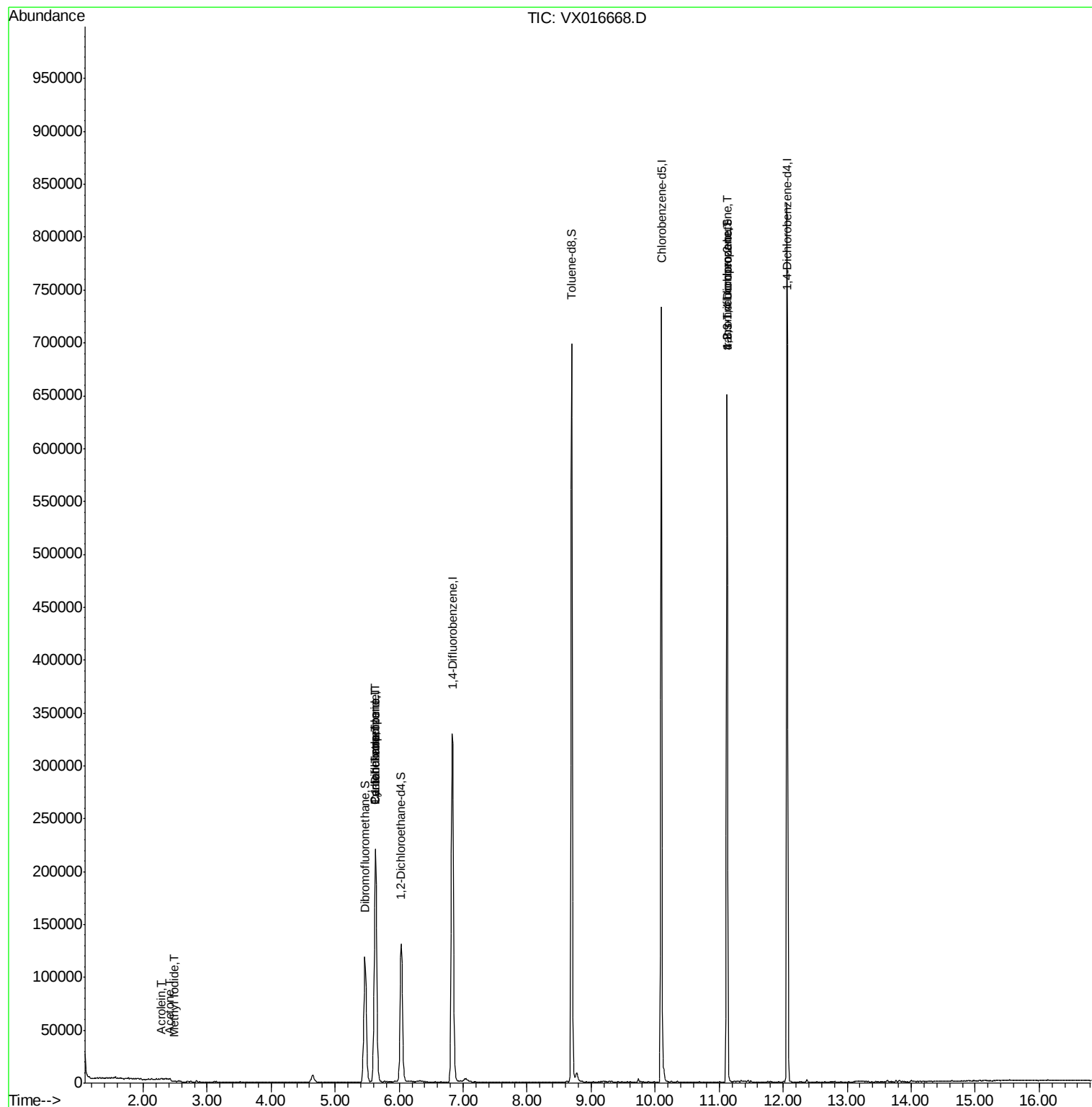
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.50	142	359	3.20	ug/l #	40
13) Acrolein	2.28	56	347	1.17	ug/l #	15
16) Acetone	2.42	43	945	0.80	ug/l	96
31) Cyclohexane	5.62	56	3704	0.98	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	14811	4.52	ug/l #	51
38) Carbon Tetrachloride	5.63	117	20507	5.95	ug/l #	17
76) 1,2,3-Trichloropropane	11.12	75	81211	20.75	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	81211	51.04	ug/l #	14

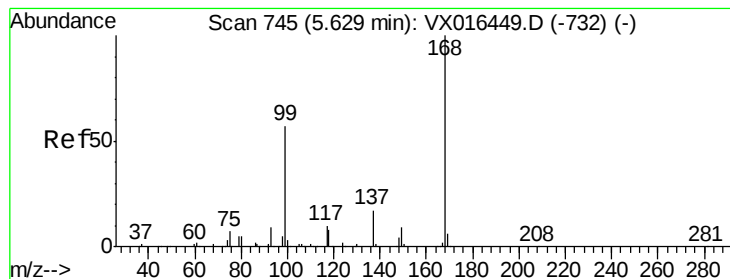
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX061020\
Data File : VX016668.D
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Instrument :
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ClientSampleId :
Z1-TB4-200608

Quant Time: Jun 11 02:59:50 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: 50.00 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016668.D

Acq: 10 Jun 2020 12:45

Instrument :

MSVOA_X

ClientSampleId :

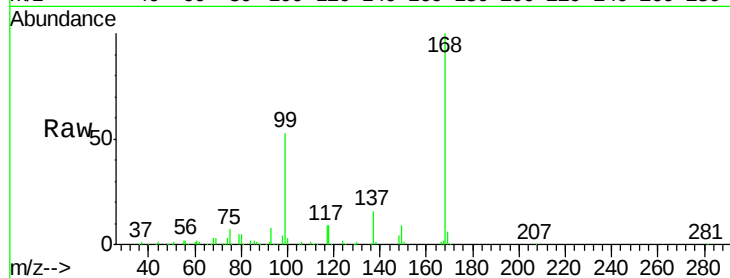
Z1-TB4-200608

Tgt Ion:168 Resp: 218224

Ion Ratio Lower Upper

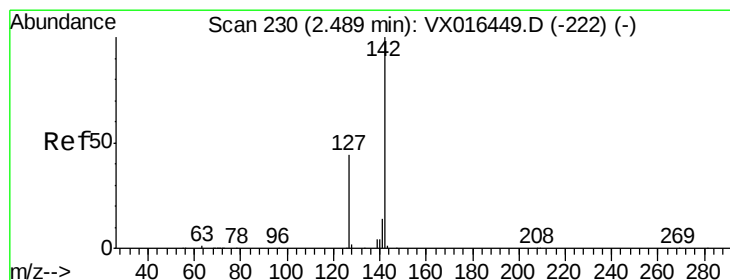
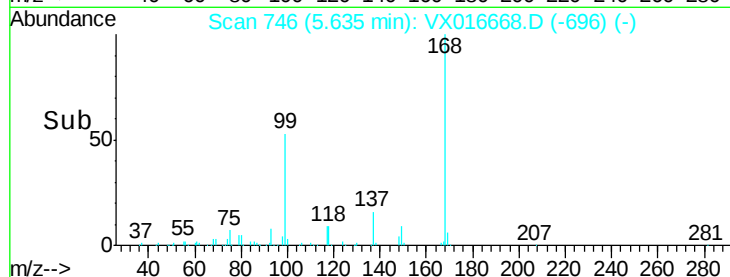
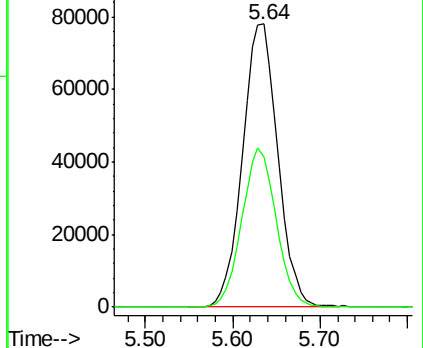
168 100

99 53.1 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 3.20 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX016668.D

Acq: 10 Jun 2020 12:45

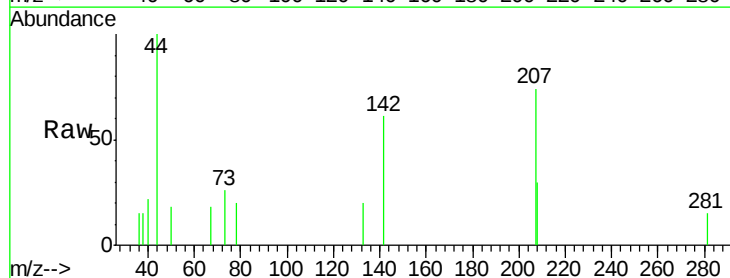
Tgt Ion:142 Resp: 359

Ion Ratio Lower Upper

142 100

127 0.0 35.3 52.9#

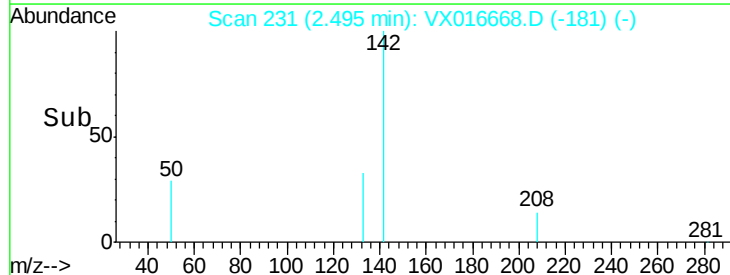
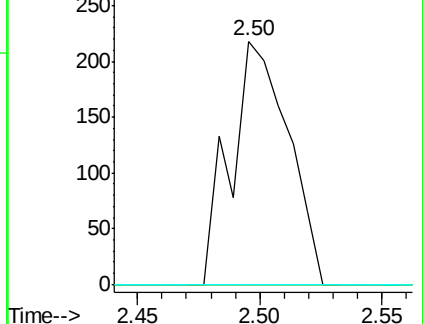
141 0.0 11.4 17.2#

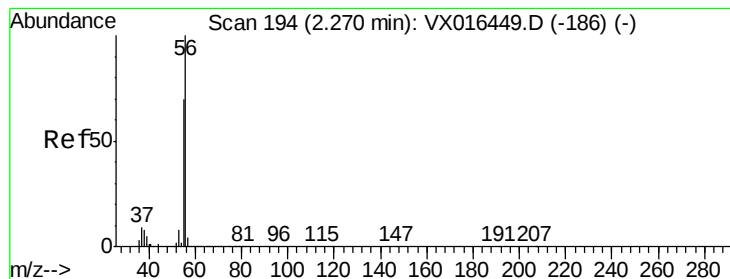


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#13

Acrolein

Concen: 1.17 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016668.D

Acq: 10 Jun 2020 12:45

Instrument :

MSVOA_X

ClientSampleId :

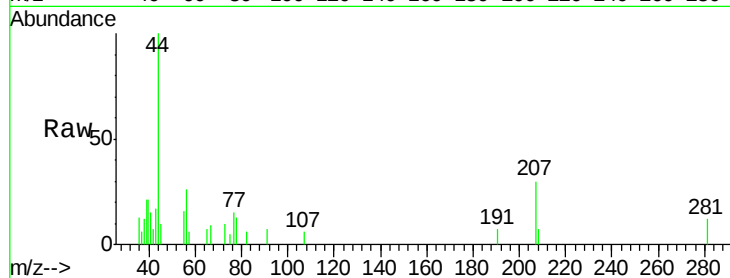
Z1-TB4-200608

Tgt Ion: 56 Resp: 347

Ion Ratio Lower Upper

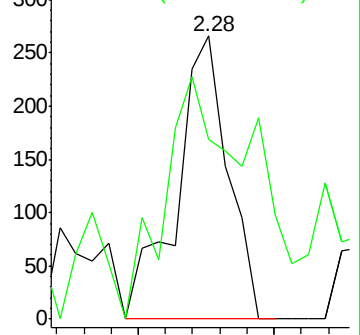
56 100

55 144.4 58.3 87.5#

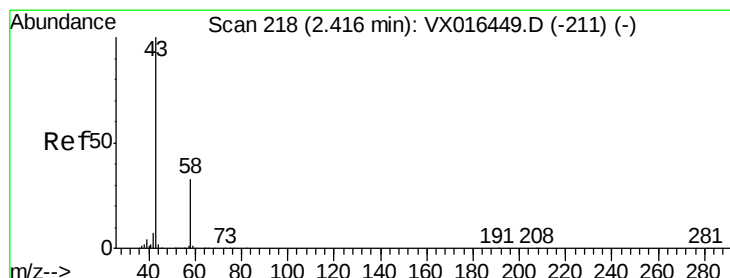
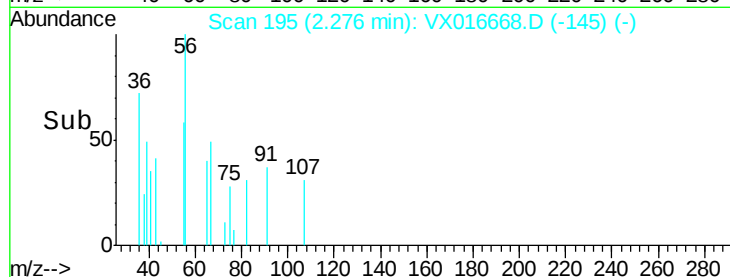


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#16

Acetone

Concen: 0.80 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX016668.D

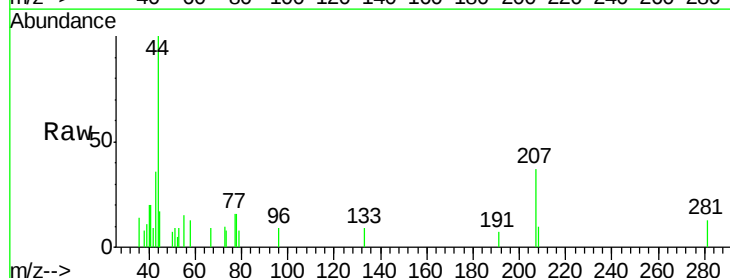
Acq: 10 Jun 2020 12:45

Tgt Ion: 43 Resp: 945

Ion Ratio Lower Upper

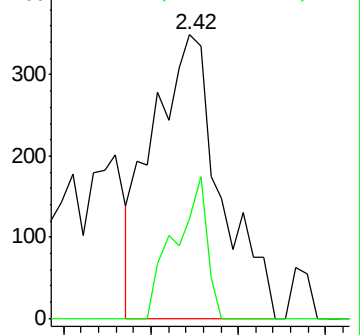
43 100

58 35.0 26.1 39.1

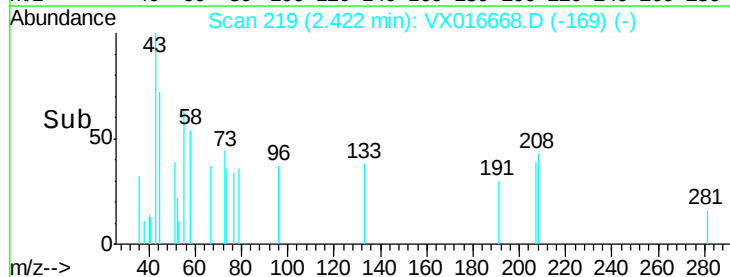


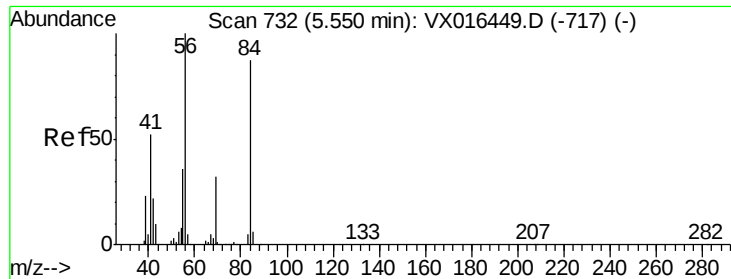
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->

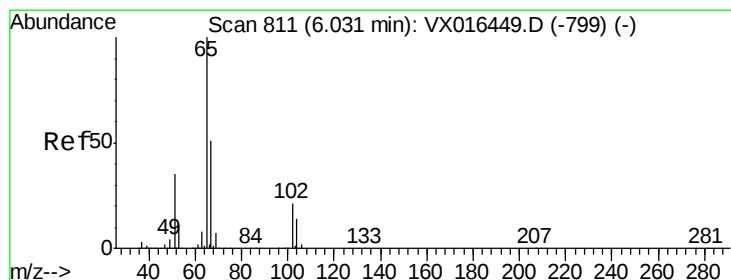
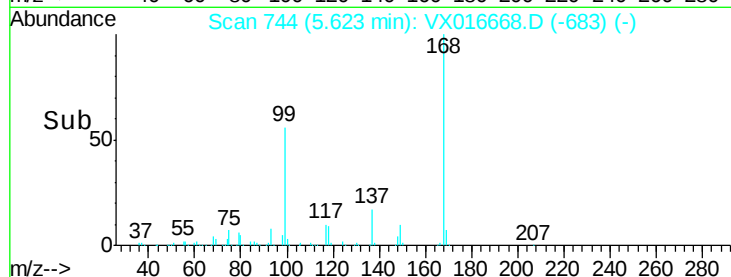
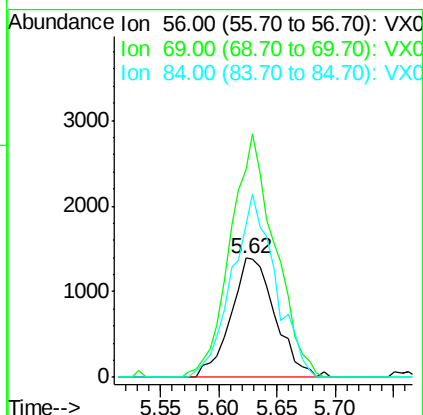
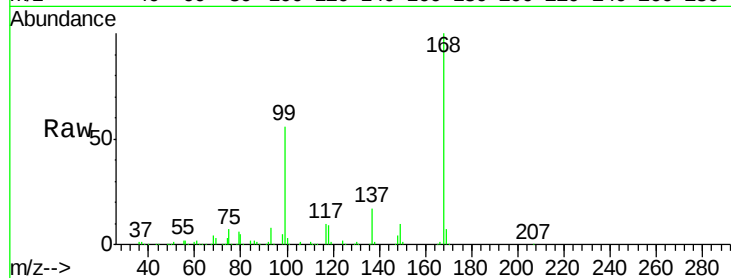




#31
Cyclohexane
Concen: 0.98 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.07 min
Lab File: VX016668.D
Acq: 10 Jun 2020 12:45

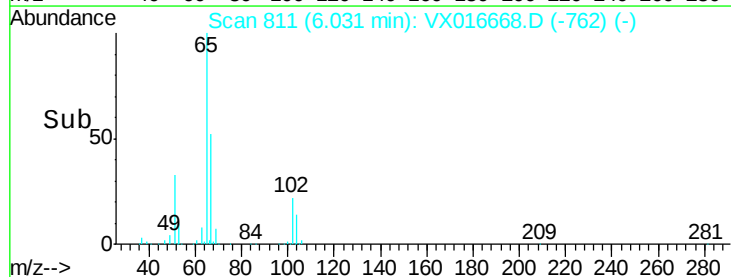
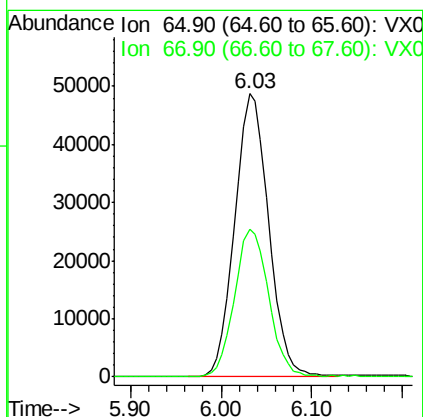
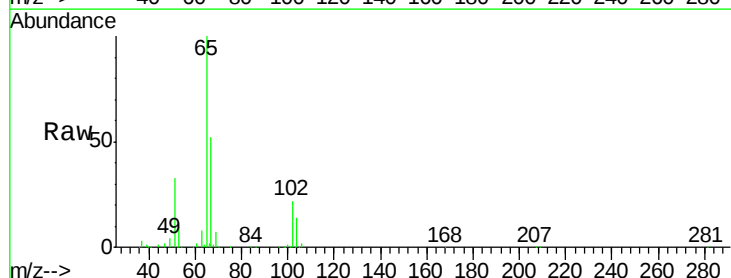
Instrument :
MSVOA_X
ClientSampleId :
Z1-TB4-200608

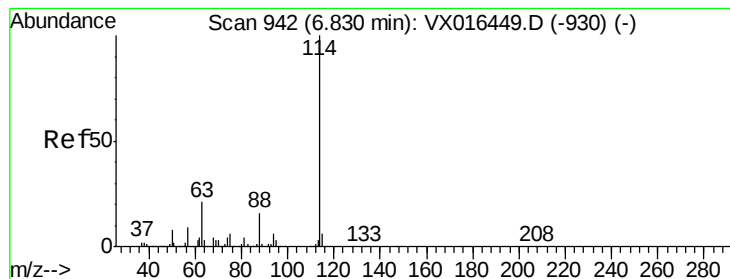
Tgt Ion: 56 Resp: 3704
Ion Ratio Lower Upper
56 100
69 174.2 25.7 38.5#
84 128.0 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 46.77 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016668.D
Acq: 10 Jun 2020 12:45

Tgt Ion: 65 Resp: 126749
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016668.D

Acq: 10 Jun 2020 12:45

Instrument :

MSVOA_X

ClientSampleId :

Z1-TB4-200608

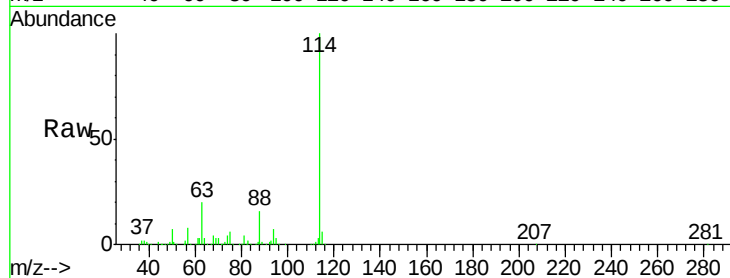
Tgt Ion:114 Resp: 346109

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.6

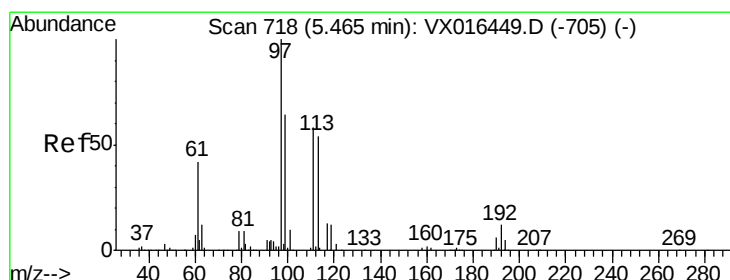
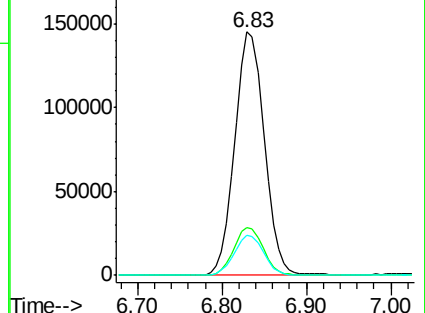
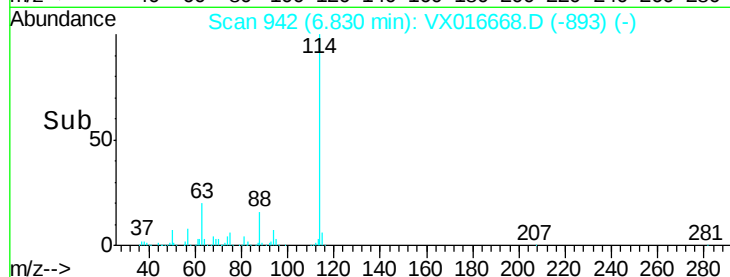
88 16.2 0.0 32.8



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: 48.48 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016668.D

Acq: 10 Jun 2020 12:45

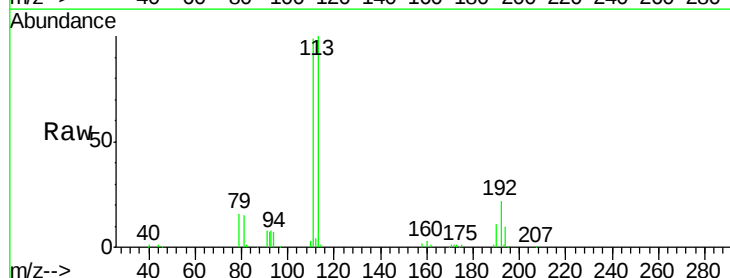
Tgt Ion:113 Resp: 103311

Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.6

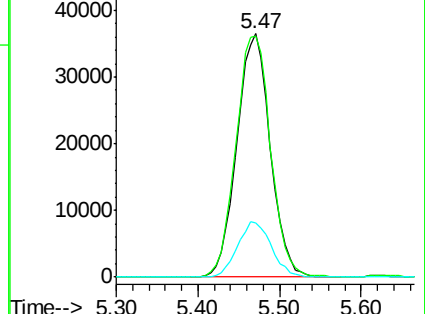
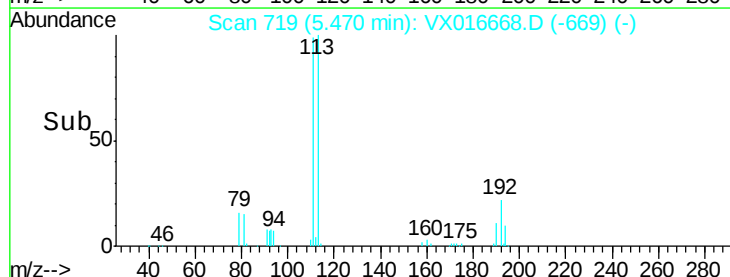
192 22.9 17.7 26.5

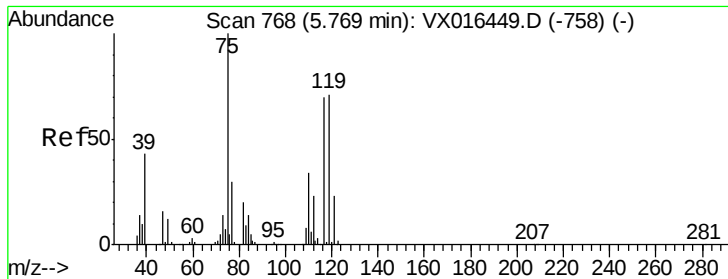


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

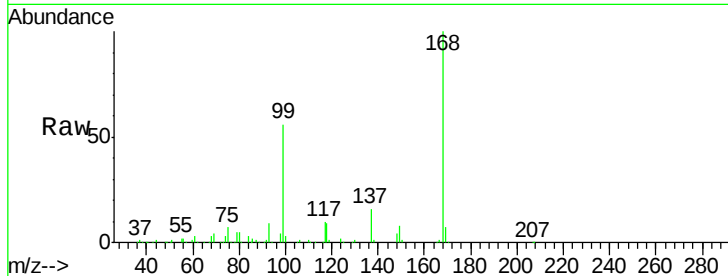




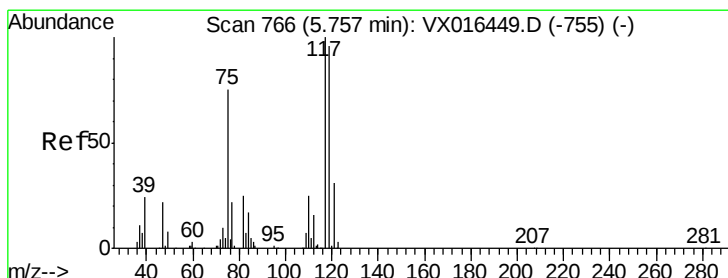
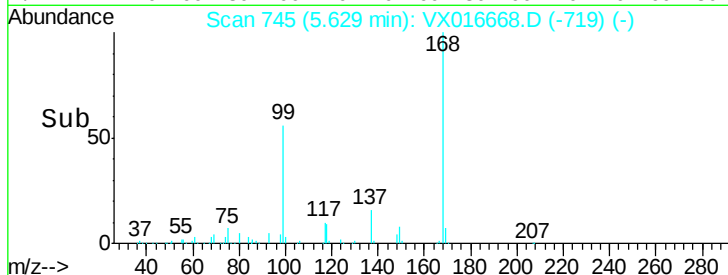
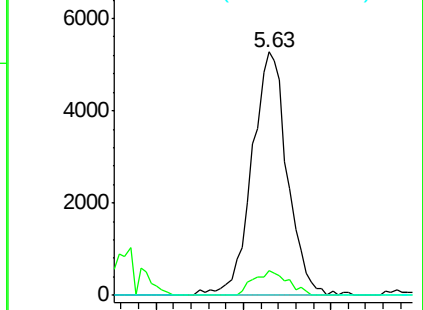
#36
 1,1-Dichloropropene
 Concen: 4.52 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX016668.D
 Acq: 10 Jun 2020 12:45

Instrument :
 MSVOA_X
 ClientSampleId :
 Z1-TB4-200608

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.4	52.3#
77	0.0	24.2	36.4#

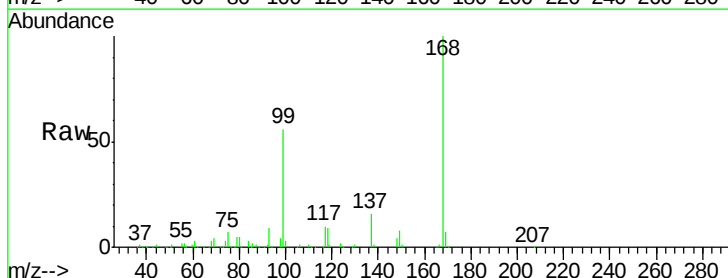


Abundance Ion 74.90 (74.60 to 75.60): VX016668.D (-719) (-)

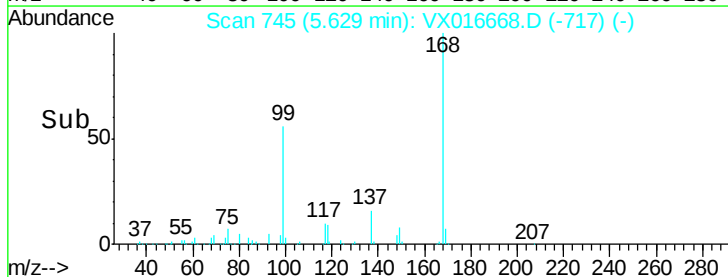
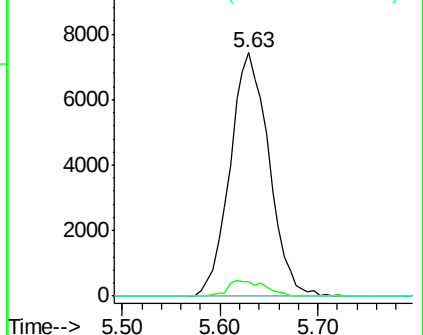


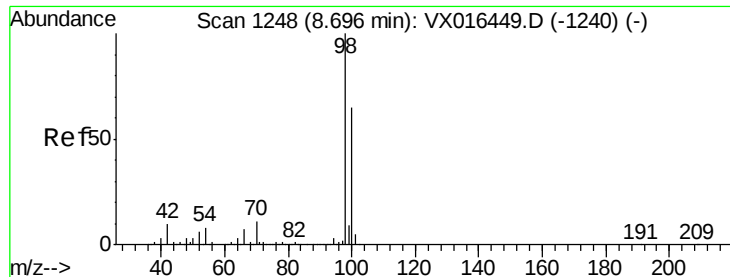
#38
 Carbon Tetrachloride
 Concen: 5.95 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.13 min
 Lab File: VX016668.D
 Acq: 10 Jun 2020 12:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.9	76.3	114.5#
121	0.0	24.6	37.0#



Abundance Ion 116.80 (116.50 to 117.50): VX016668.D (-717) (-)





#50

Toluene-d8

Concen: 50.75 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016668.D

Acq: 10 Jun 2020 12:45

Instrument :

MSVOA_X

ClientSampleId :

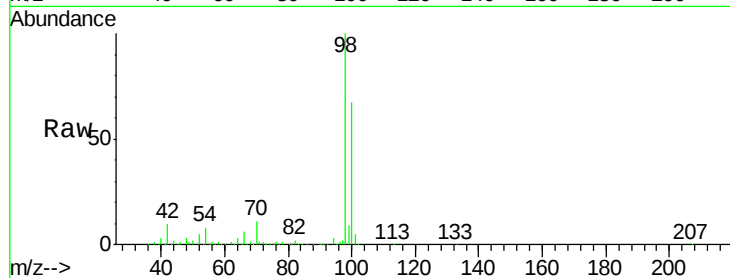
Z1-TB4-200608

Tgt Ion: 98 Resp: 420989

Ion Ratio Lower Upper

98 100

100 66.5 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.70

250000

200000

150000

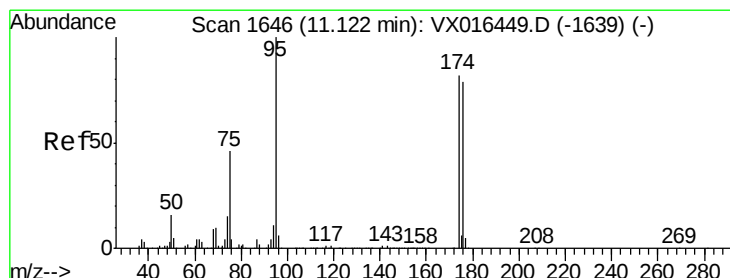
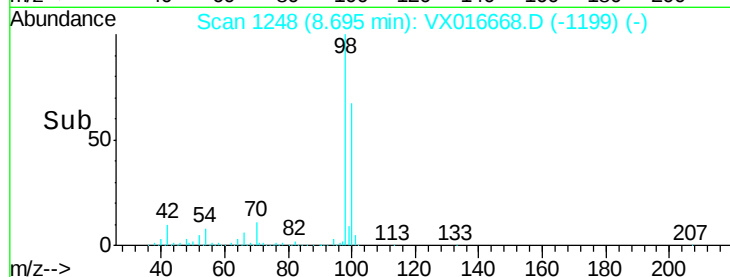
100000

50000

0

Time-->

8.60 8.65 8.70 8.75



#62

4-Bromofluorobenzene

Concen: 52.49 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016668.D

Acq: 10 Jun 2020 12:45

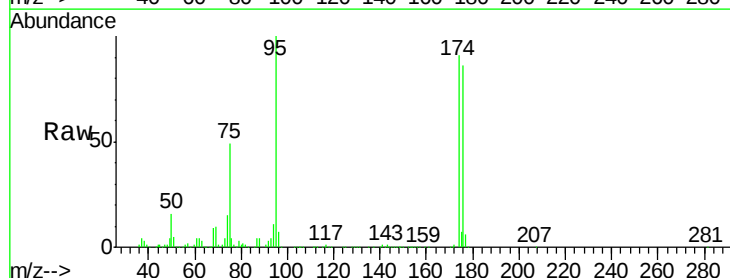
Tgt Ion: 95 Resp: 168229

Ion Ratio Lower Upper

95 100

174 88.8 0.0 163.0

176 84.7 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

150000

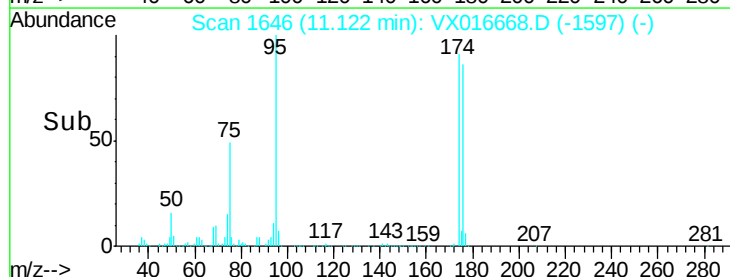
100000

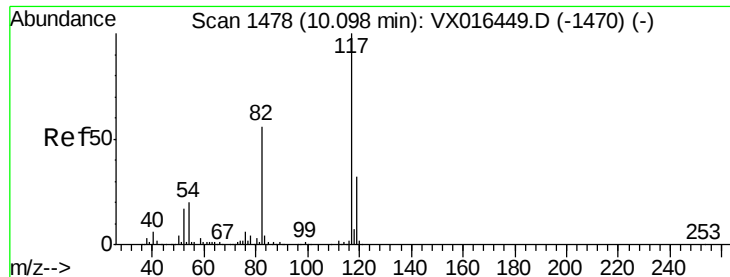
50000

0

Time-->

11.10 11.20

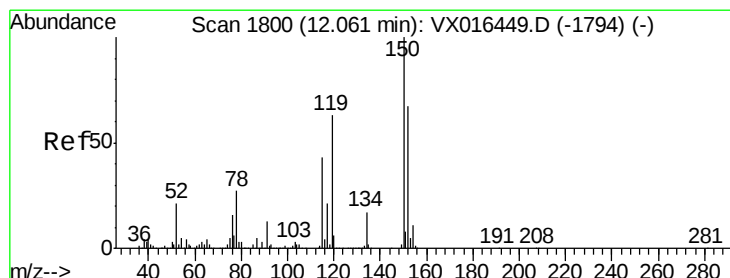
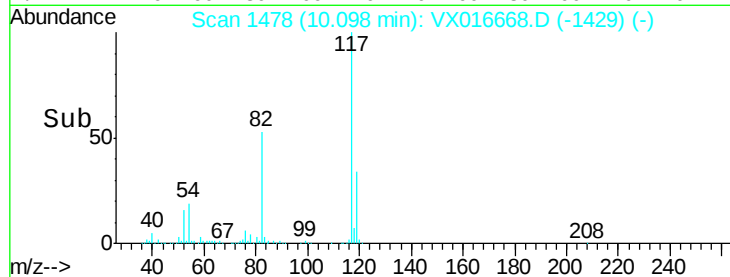
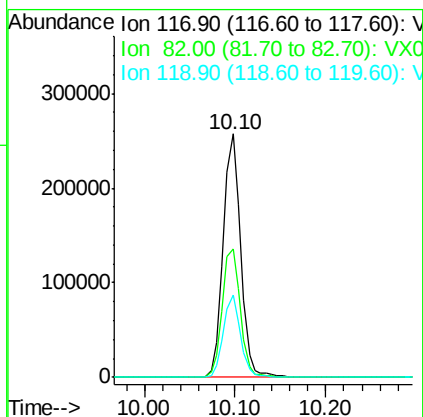
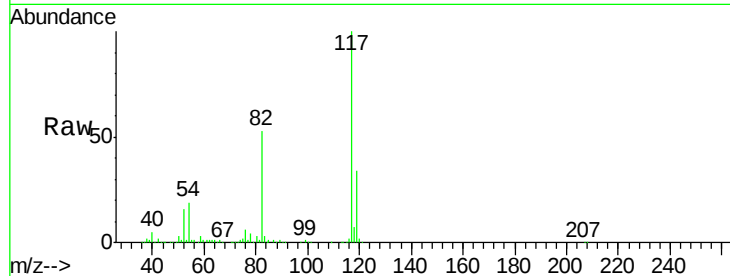




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016668.D
Acq: 10 Jun 2020 12:45

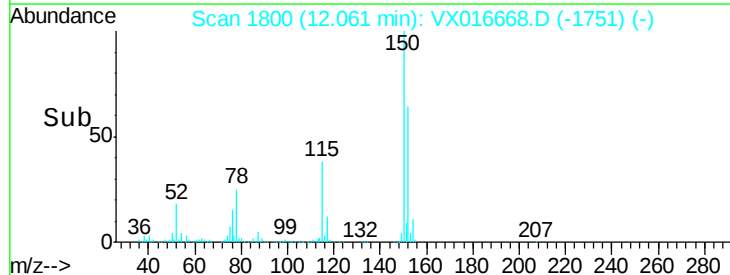
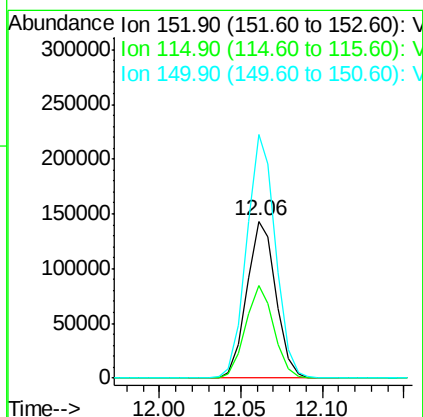
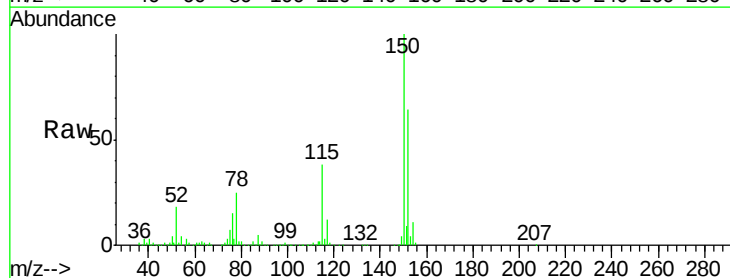
Instrument :
MSVOA_X
ClientSampleId :
Z1-TB4-200608

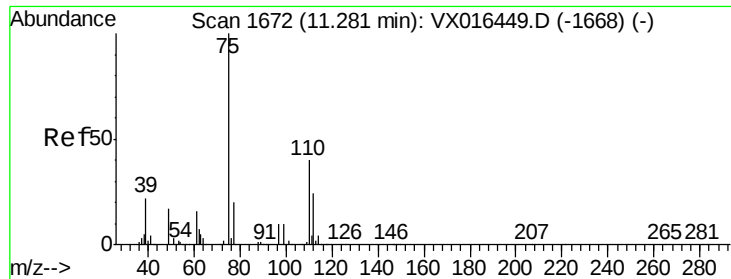
Tgt Ion:117 Resp: 348293
Ion Ratio Lower Upper
117 100
82 52.9 45.0 67.6
119 33.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016668.D
Acq: 10 Jun 2020 12:45

Tgt Ion:152 Resp: 178067
Ion Ratio Lower Upper
152 100
115 57.7 39.9 119.6
150 153.8 0.0 341.0





#76

1,2,3-Trichloropropane

Concen: 20.75 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016668.D

Acq: 10 Jun 2020 12:45

Instrument :

MSVOA_X

ClientSampleId :

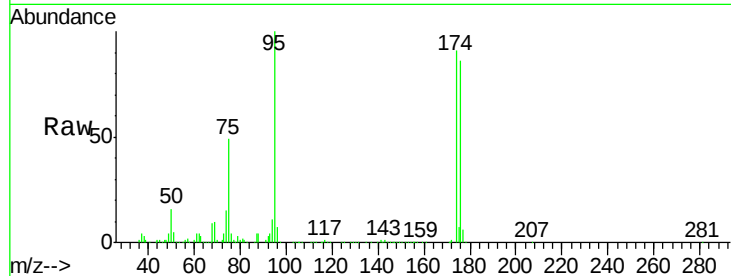
Z1-TB4-200608

Tgt Ion: 75 Resp: 81211

Ion Ratio Lower Upper

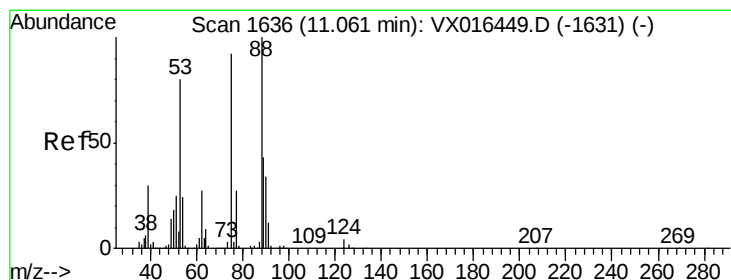
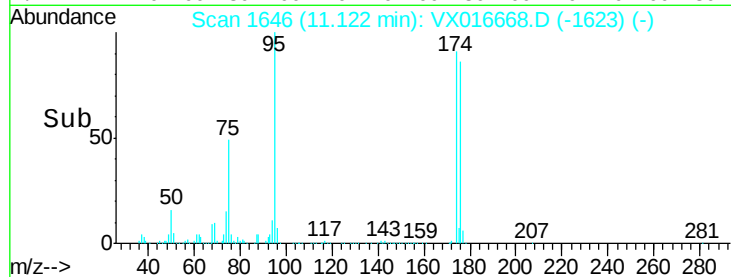
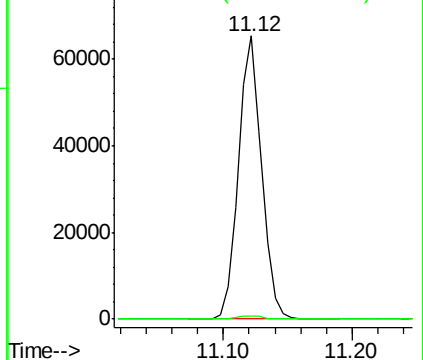
75 100

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: 51.04 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016668.D

Acq: 10 Jun 2020 12:45

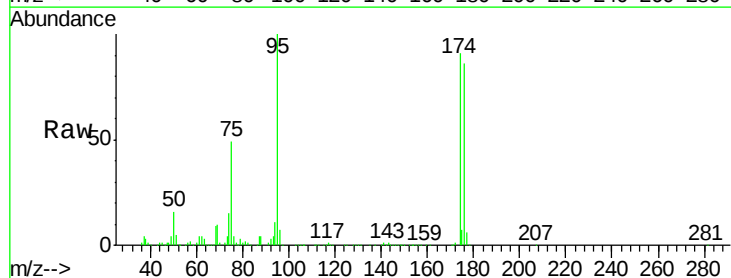
Tgt Ion: 75 Resp: 81211

Ion Ratio Lower Upper

75 100

53 0.1 71.3 106.9#

89 0.0 36.6 55.0#



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

