

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060520\
 Data File : VX016621.D
 Acq On : 05 Jun 2020 18:56
 Operator : JC/SP
 Sample : L2926-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20200604

Quant Time: Jun 06 06:03:28 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	219543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	351409	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	359050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	184976	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	132680	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	
35) Dibromofluoromethane	5.47	113	105826	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
50) Toluene-d8	8.70	98	429604	51.01	ug/l	0.00
Spiked Amount			Recovery	=	102.02%	
62) 4-Bromofluorobenzene	11.12	95	177349	54.50	ug/l	0.00
Spiked Amount			Recovery	=	109.00%	

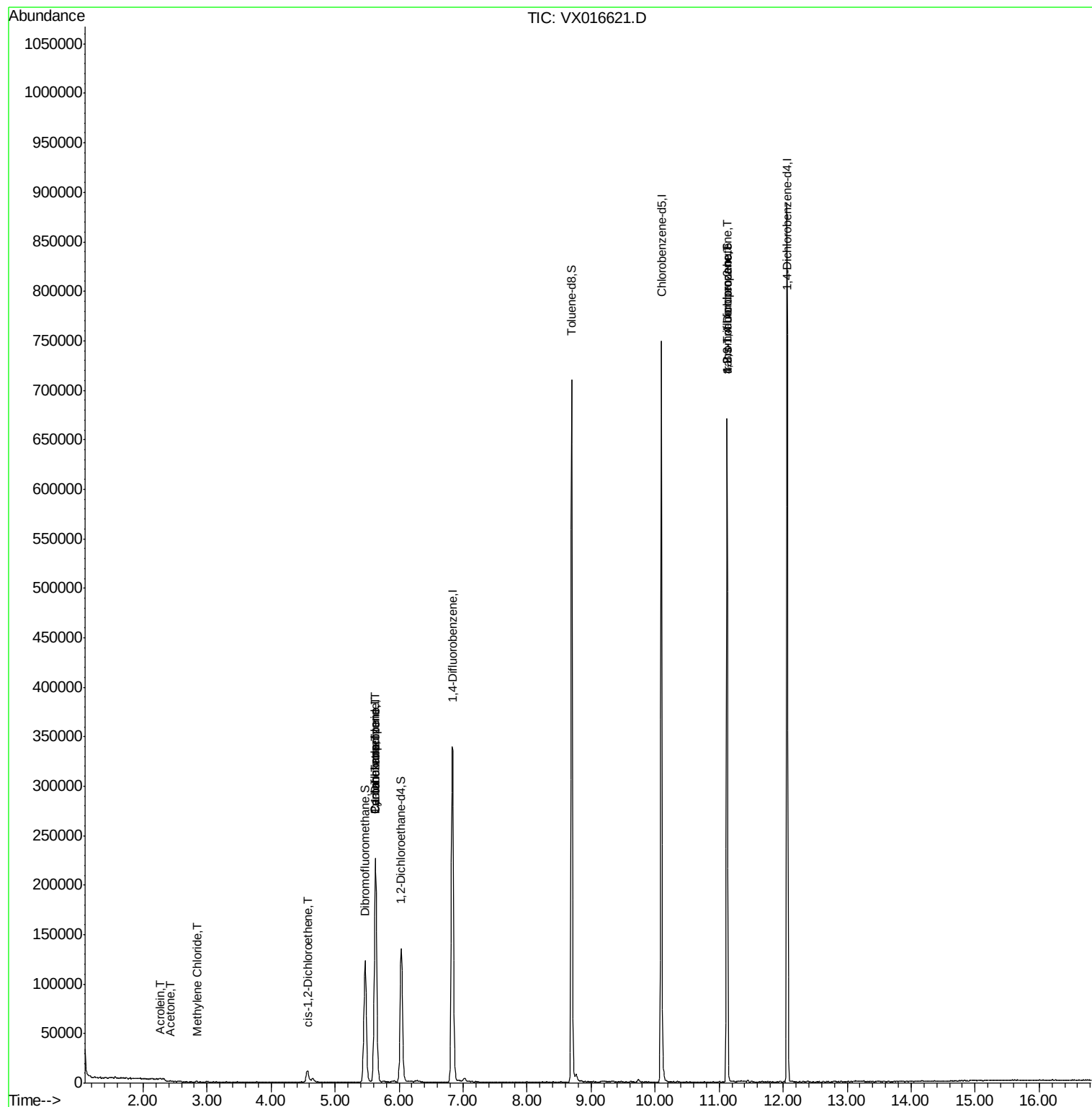
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	2.27	56	211	0.71	ug/l #	82
16) Acetone	2.42	43	607	0.51	ug/l #	42
20) Methylene Chloride	2.84	84	532	0.22	ug/l	91
27) cis-1,2-Dichloroethene	4.57	96	8367	3.10	ug/l	85
31) Cyclohexane	5.63	56	4037	1.07	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	15482	4.65	ug/l #	51
38) Carbon Tetrachloride	5.63	117	20531	5.87	ug/l #	16
76) 1,2,3-Trichloropropane	11.12	75	85458	21.02	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	85458	51.70	ug/l #	14

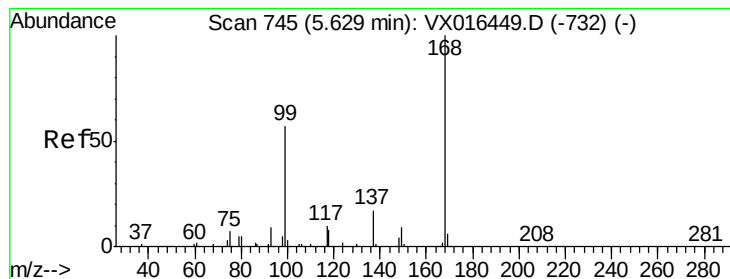
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX060520\
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ClientSampled :
TB-20200604

Quant Time: Jun 06 06:03:28 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: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016621.D

Acq: 05 Jun 2020 18:56

Instrument :

MSVOA_X

ClientSampleId :

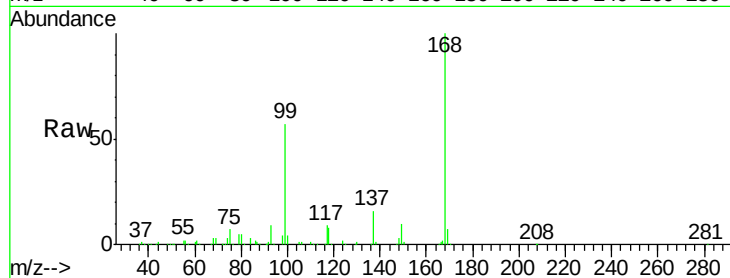
TB-20200604

Tgt Ion:168 Resp: 219543

Ion Ratio Lower Upper

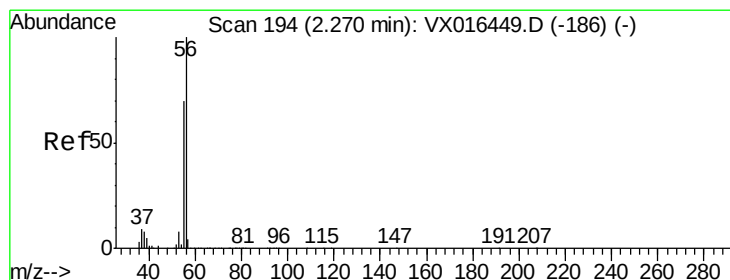
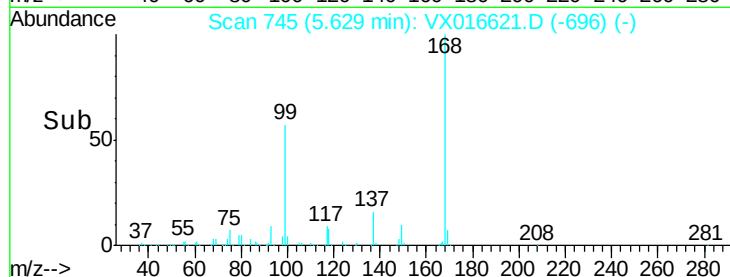
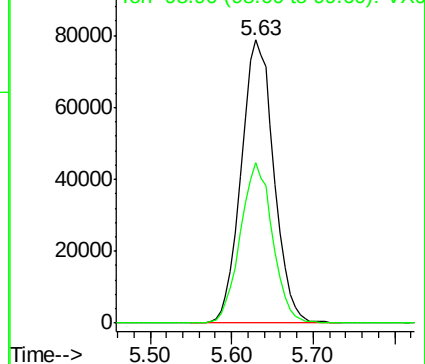
168 100

99 56.8 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: 0.71 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016621.D

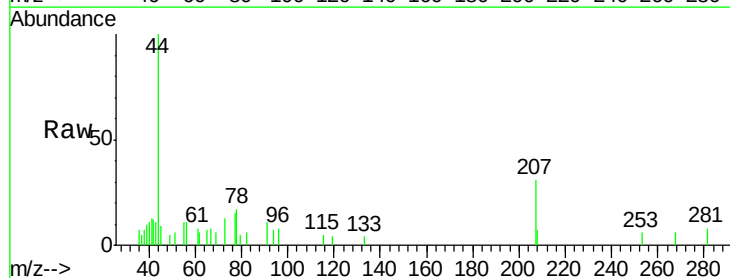
Acq: 05 Jun 2020 18:56

Tgt Ion: 56 Resp: 211

Ion Ratio Lower Upper

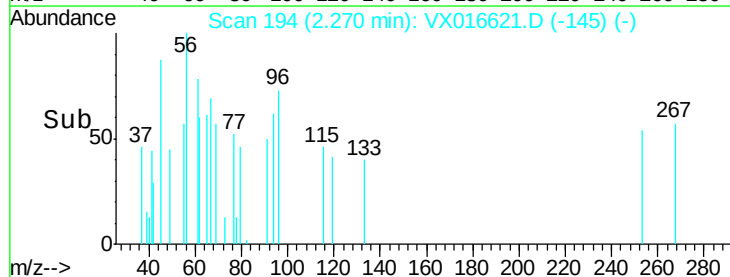
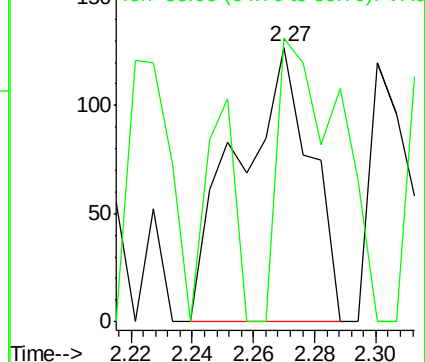
56 100

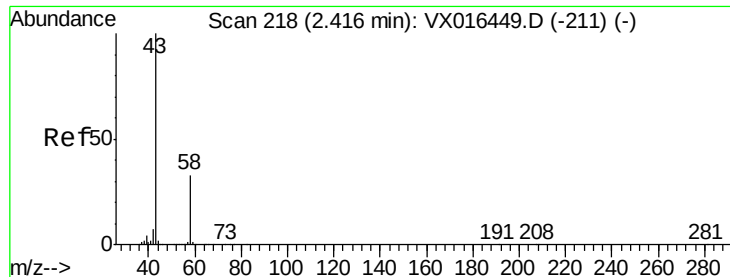
55 87.7 58.3 87.5#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 0.51 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX016621.D

Acq: 05 Jun 2020 18:56

Instrument :

MSVOA_X

ClientSampleId :

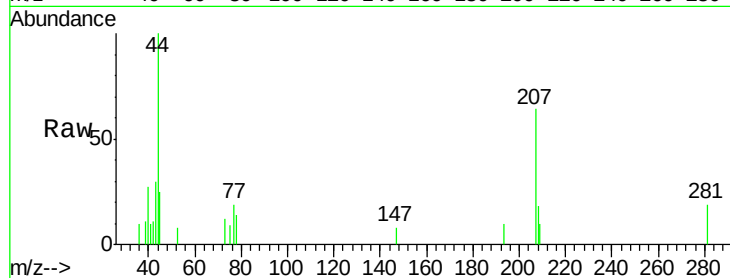
TB-20200604

Tgt Ion: 43 Resp: 607

Ion Ratio Lower Upper

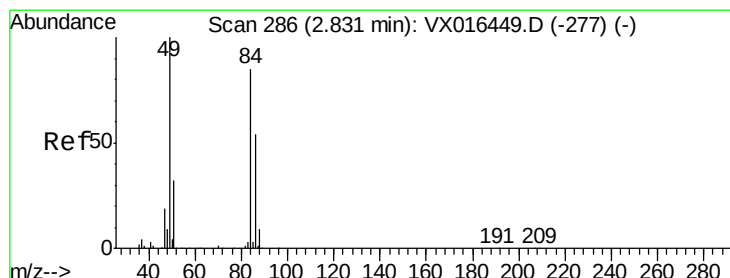
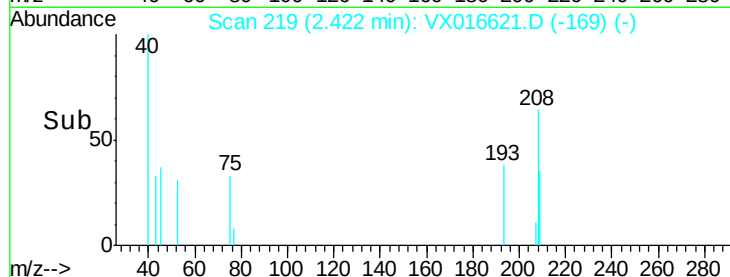
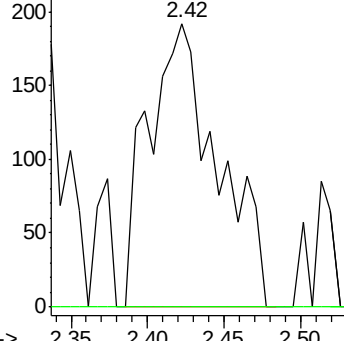
43 100

58 0.0 26.1 39.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: 0.22 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.01 min

Lab File: VX016621.D

Acq: 05 Jun 2020 18:56

Tgt Ion: 84 Resp: 532

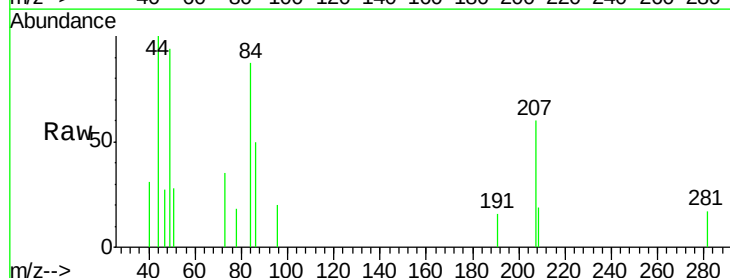
Ion Ratio Lower Upper

84 100

49 108.5 94.5 141.7

51 32.0 30.2 45.4

86 58.0 51.1 76.7

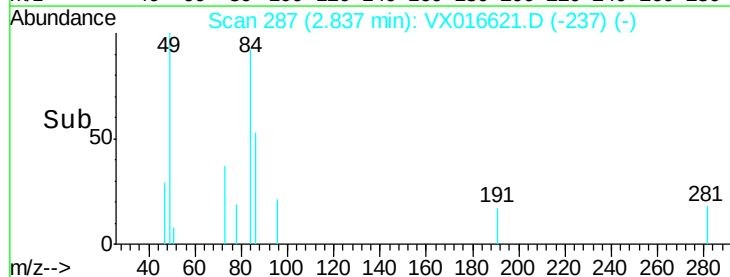
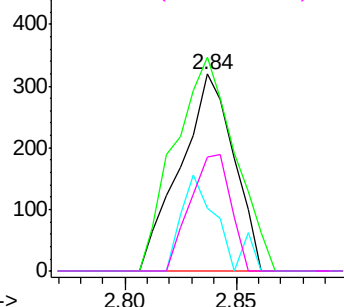


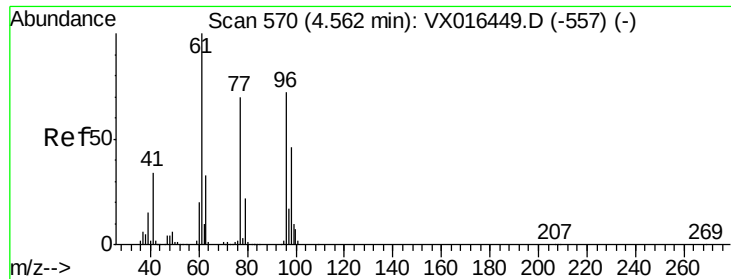
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 3.10 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX016621.D

Acq: 05 Jun 2020 18:56

Instrument :

MSVOA_X

ClientSampleId :

TB-20200604

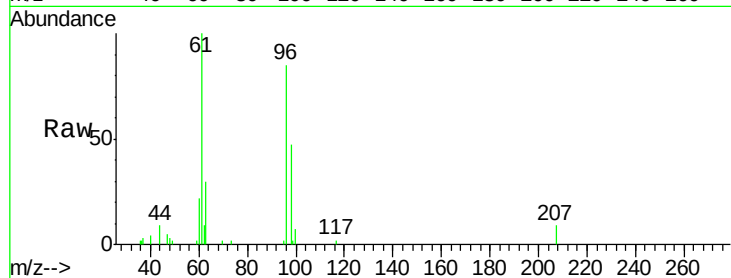
Tgt Ion: 96 Resp: 8367

Ion Ratio Lower Upper

96 100

61 117.1 0.0 284.6

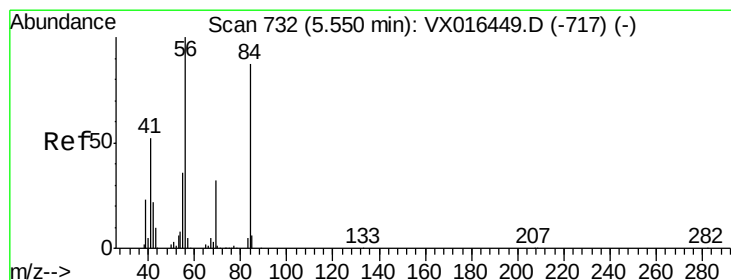
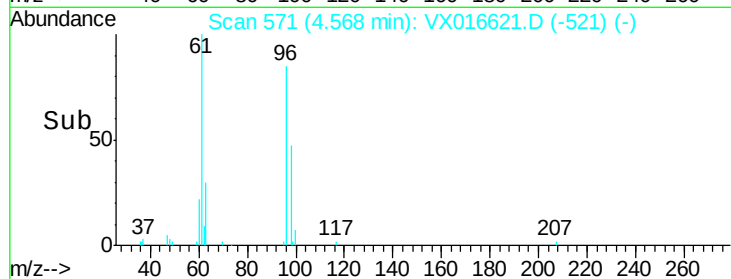
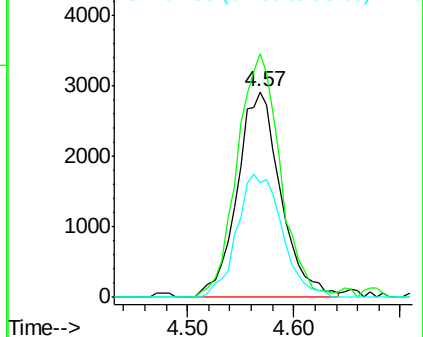
98 62.0 0.0 127.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#31

Cyclohexane

Concen: 1.07 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.08 min

Lab File: VX016621.D

Acq: 05 Jun 2020 18:56

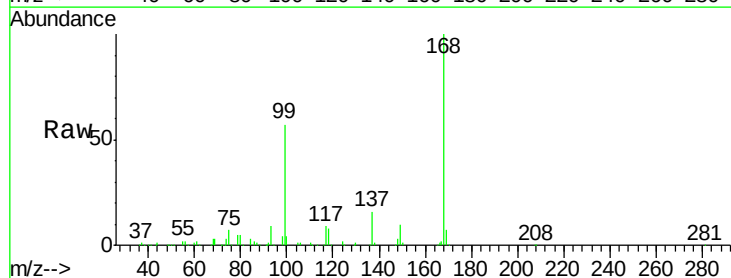
Tgt Ion: 56 Resp: 4037

Ion Ratio Lower Upper

56 100

69 173.5 25.7 38.5#

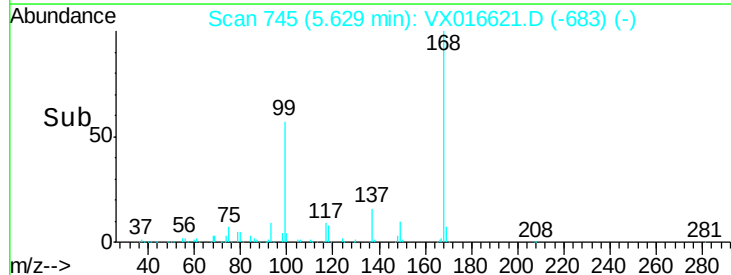
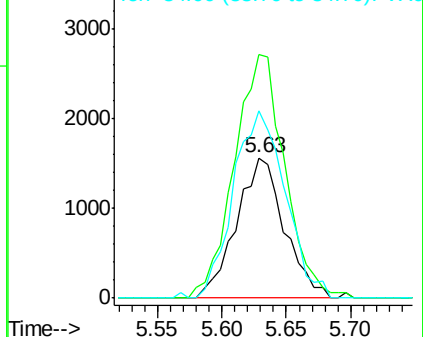
84 133.9 70.0 105.0#

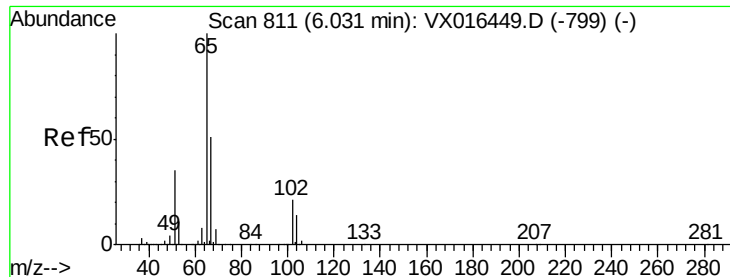


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

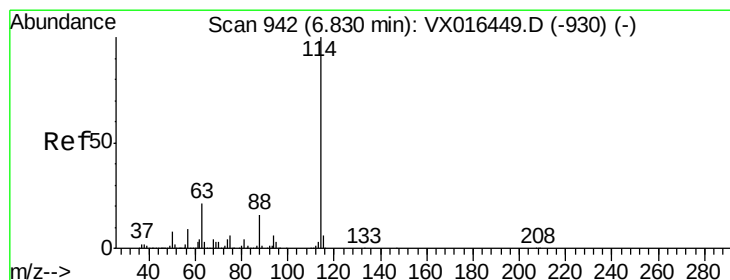
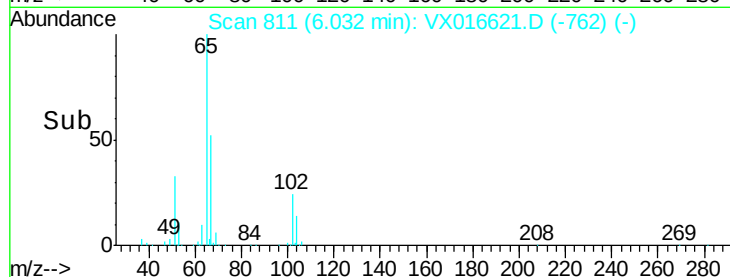
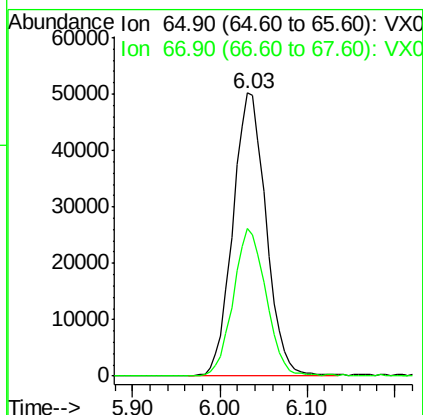
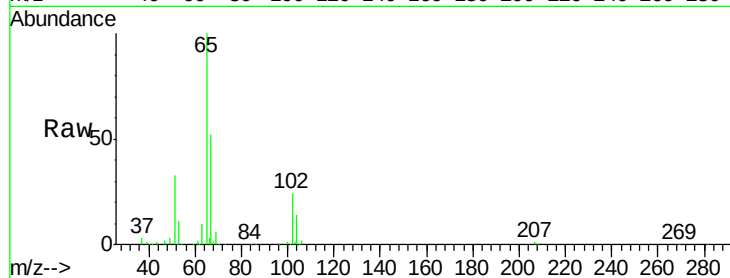




#33
 1,2-Dichloroethane-d4
 Concen: 48.66 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016621.D
 Acq: 05 Jun 2020 18:56

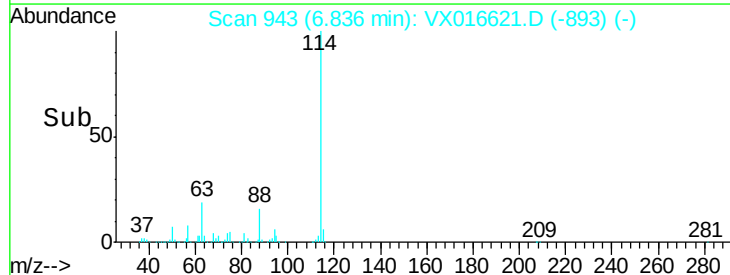
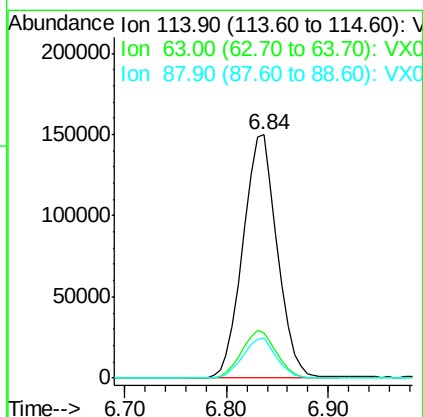
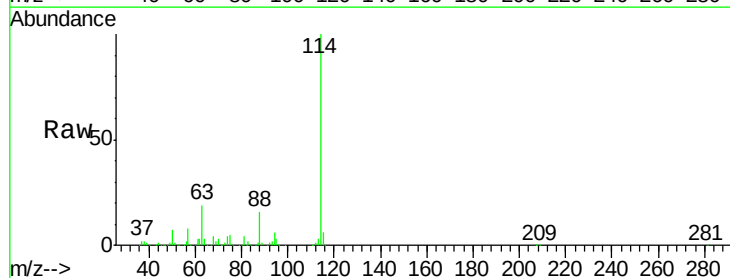
Instrument :
 MSVOA_X
 ClientSampled :
 TB-20200604

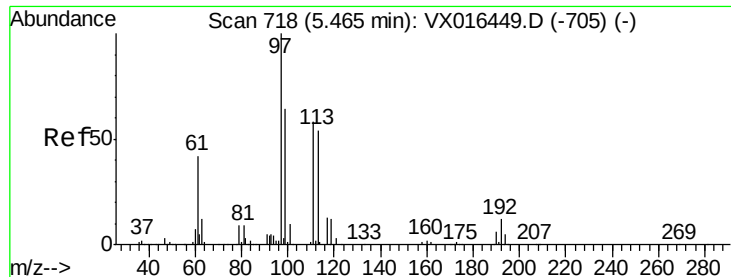
Tgt Ion: 65 Resp: 132680
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016621.D
 Acq: 05 Jun 2020 18:56

Tgt Ion: 114 Resp: 351409
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 42.6
 88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.91 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016621.D

Acq: 05 Jun 2020 18:56

Instrument :

MSVOA_X

ClientSampleId :

TB-20200604

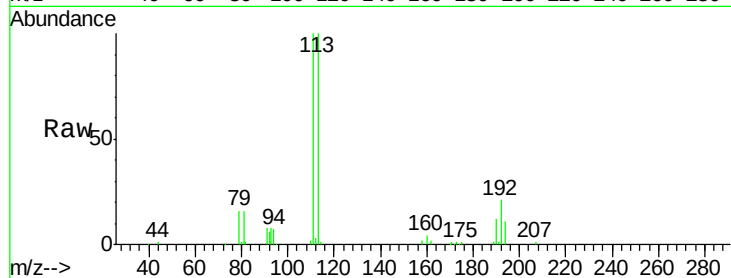
Tgt Ion:113 Resp: 105826

Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.6

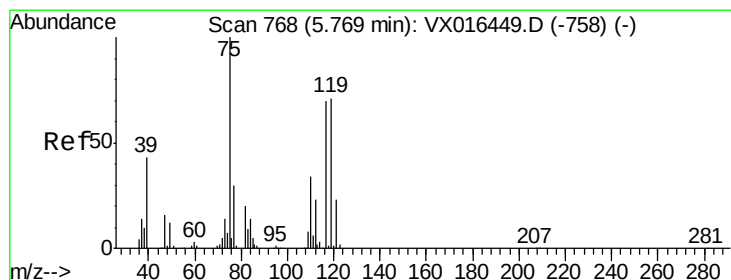
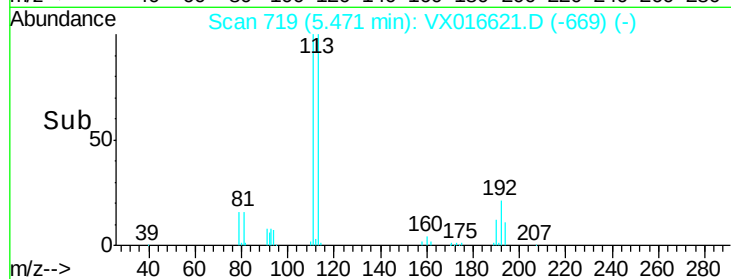
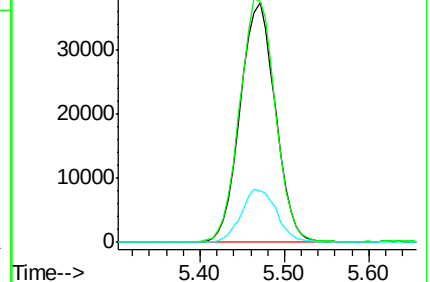
192 22.5 17.7 26.5



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: 4.65 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX016621.D

Acq: 05 Jun 2020 18:56

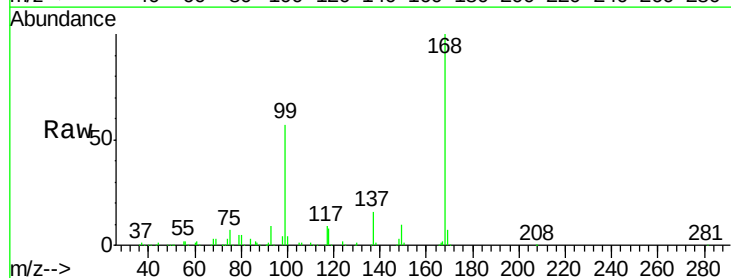
Tgt Ion: 75 Resp: 15482

Ion Ratio Lower Upper

75 100

110 9.7 17.4 52.3#

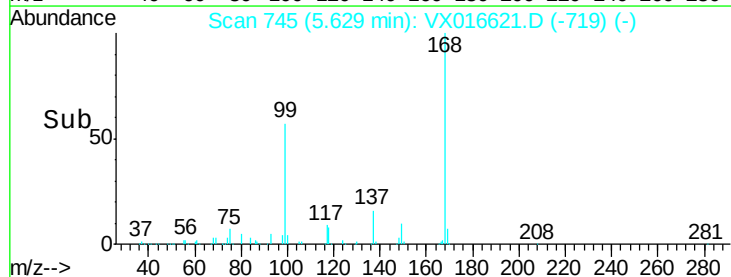
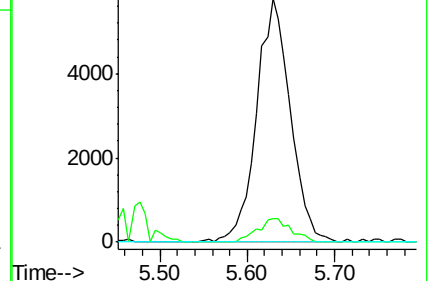
77 0.0 24.2 36.4#

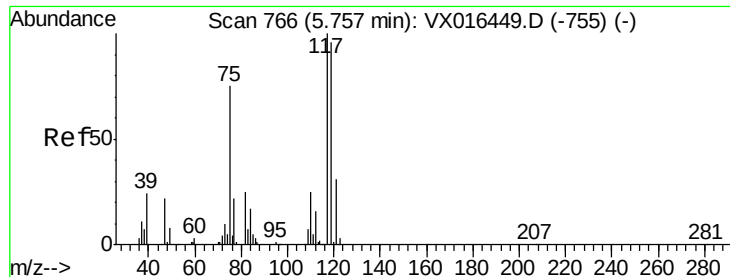


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

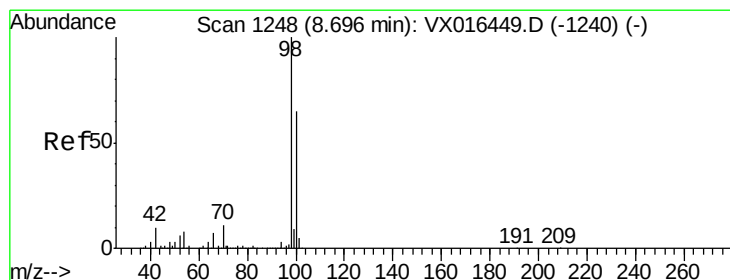
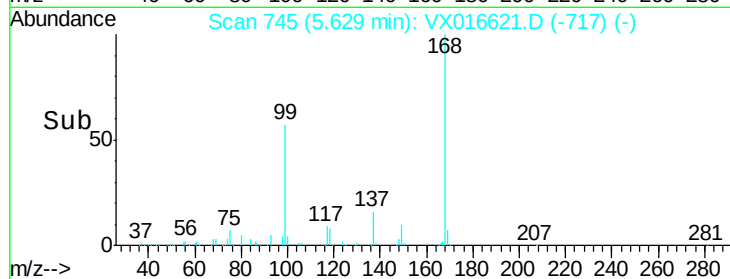
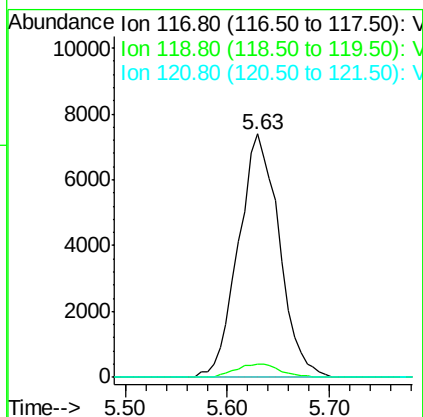
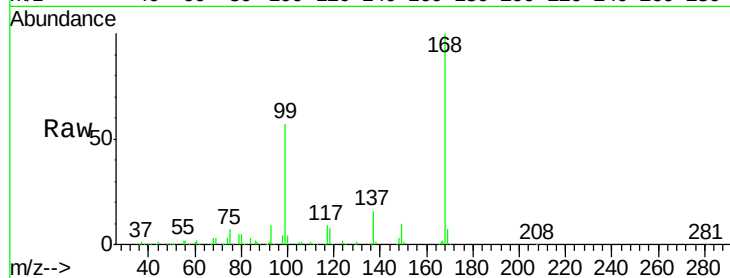




#38
Carbon Tetrachloride
Concen: 5.87 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX016621.D
Acq: 05 Jun 2020 18:56

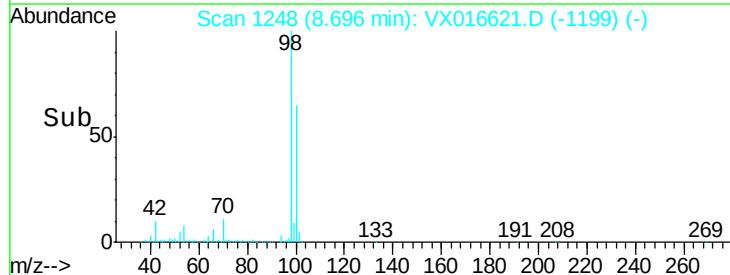
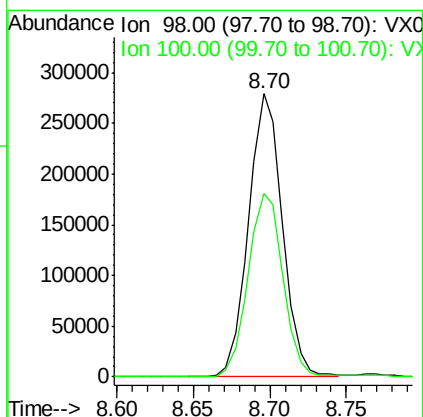
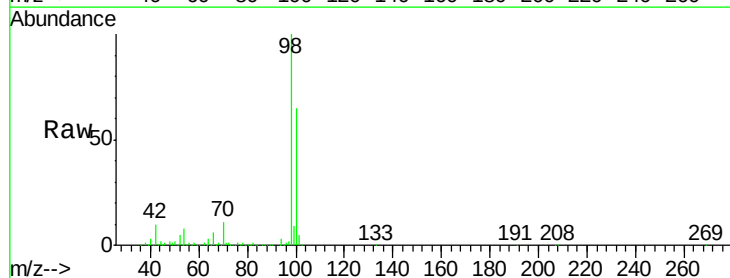
Instrument :
MSVOA_X
ClientSampleId :
TB-20200604

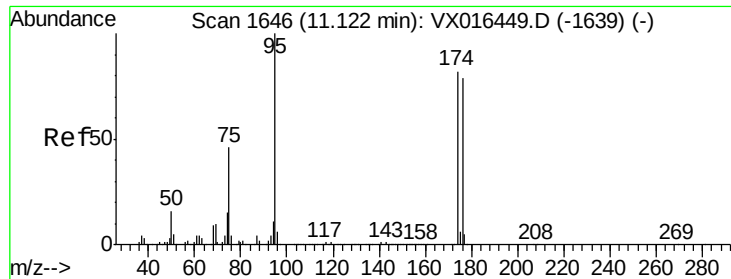
Tgt Ion: 117 Resp: 20531
Ion Ratio Lower Upper
117 100
119 5.3 76.3 114.5#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 51.01 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016621.D
Acq: 05 Jun 2020 18:56

Tgt Ion: 98 Resp: 429604
Ion Ratio Lower Upper
98 100
100 66.6 53.8 80.6





#62

4-Bromofluorobenzene

Concen: 54.50 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016621.D

Acq: 05 Jun 2020 18:56

Instrument :

MSVOA_X

ClientSampleId :

TB-20200604

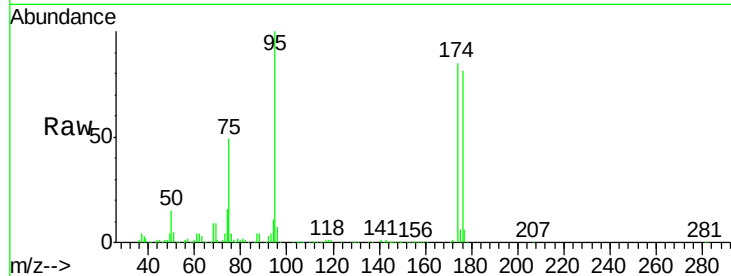
Tgt Ion: 95 Resp: 177349

Ion Ratio Lower Upper

95 100

174 84.7 0.0 163.0

176 80.8 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX016449.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX016449.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX016449.D (-1639) (-)

11.12

150000

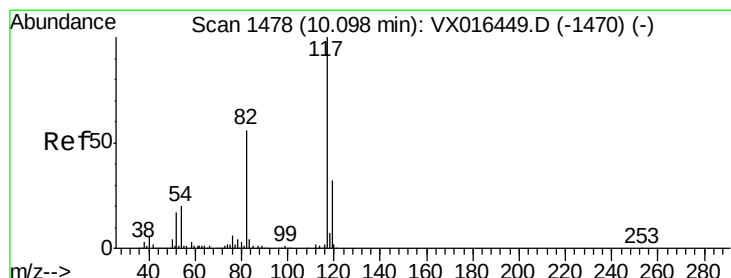
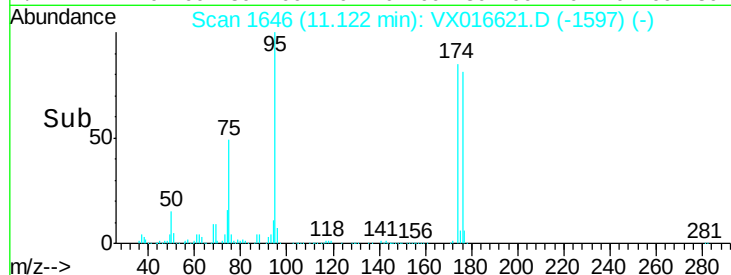
100000

50000

0

11.10 11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX016621.D

Acq: 05 Jun 2020 18:56

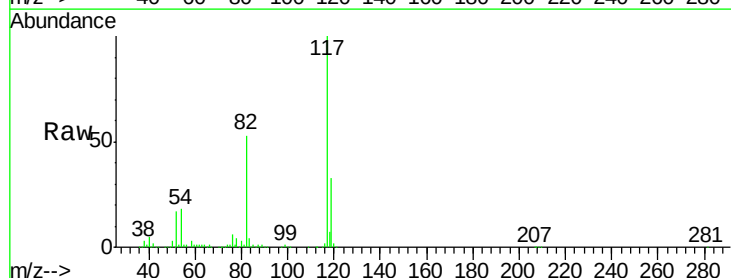
Tgt Ion: 117 Resp: 359050

Ion Ratio Lower Upper

117 100

82 53.3 45.0 67.6

119 33.2 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): VX016449.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX016449.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX016449.D (-1470) (-)

10.10

300000

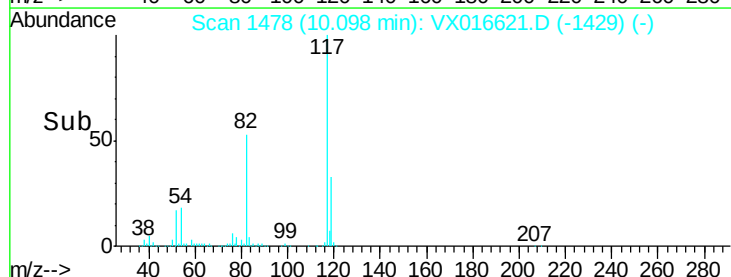
200000

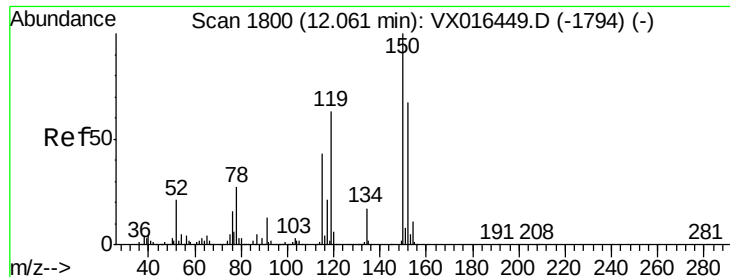
100000

0

10.00 10.10 10.20

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016621.D

Acq: 05 Jun 2020 18:56

Instrument :

MSVOA_X

ClientSampled :

TB-20200604

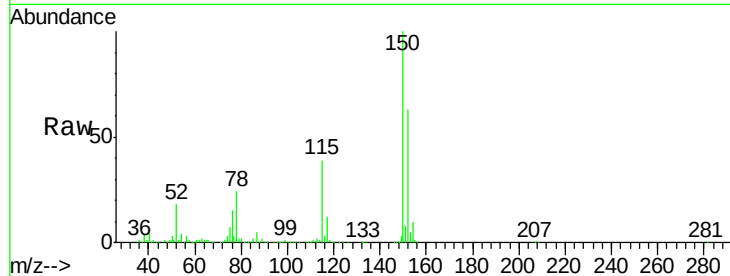
Tgt Ion: 152 Resp: 184976

Ion Ratio Lower Upper

152 100

115 59.0 39.9 119.6

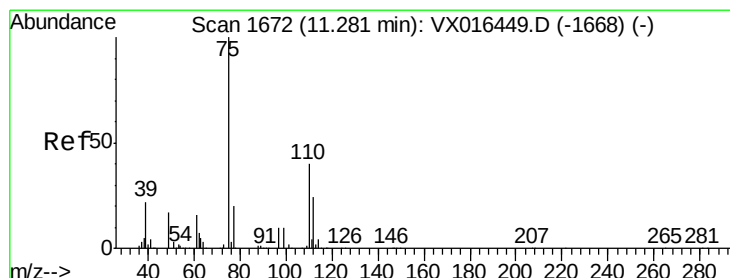
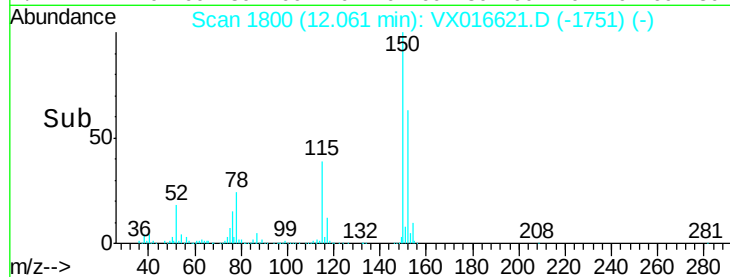
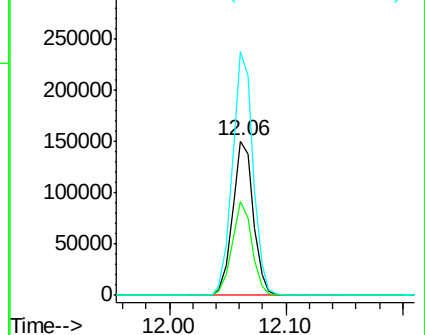
150 157.8 0.0 341.0



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: 21.02 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016621.D

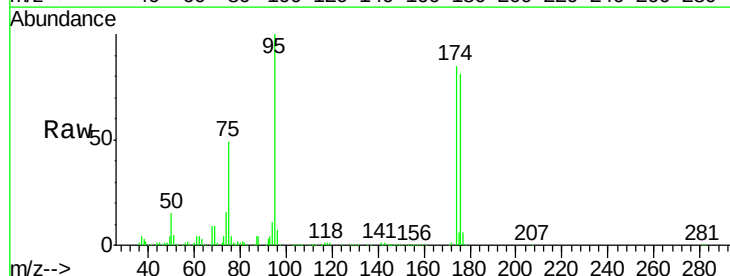
Acq: 05 Jun 2020 18:56

Tgt Ion: 75 Resp: 85458

Ion Ratio Lower Upper

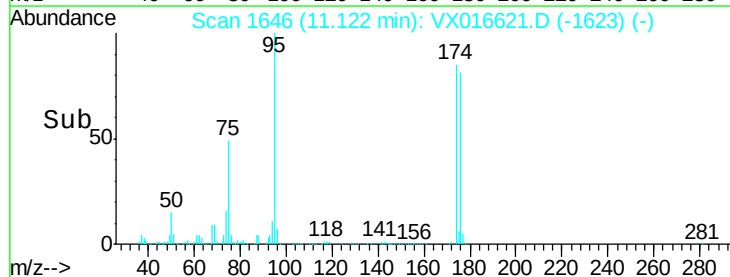
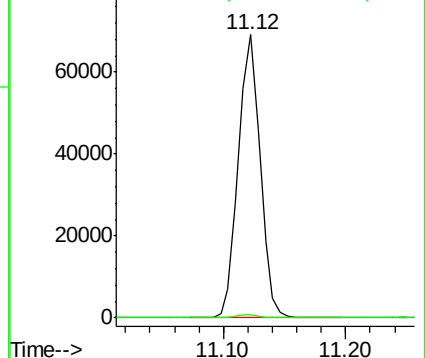
75 100

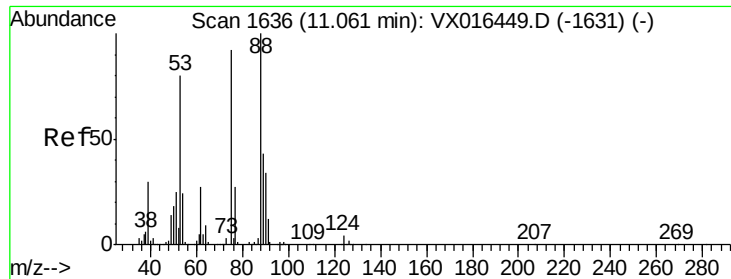
77 1.2 21.3 63.7#



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: 51.70 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX016621.D
 Acq: 05 Jun 2020 18:56

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20200604

Tgt Ion: 75 Resp: 85458
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.3 106.9#
 89 0.0 36.6 55.0#

