

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051120\
 Data File : VX016144.D
 Acq On : 11 May 2020 13:26
 Operator : JC/SP
 Sample : L2552-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z4-DUP-0553-200507

Quant Time: May 13 09:09:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

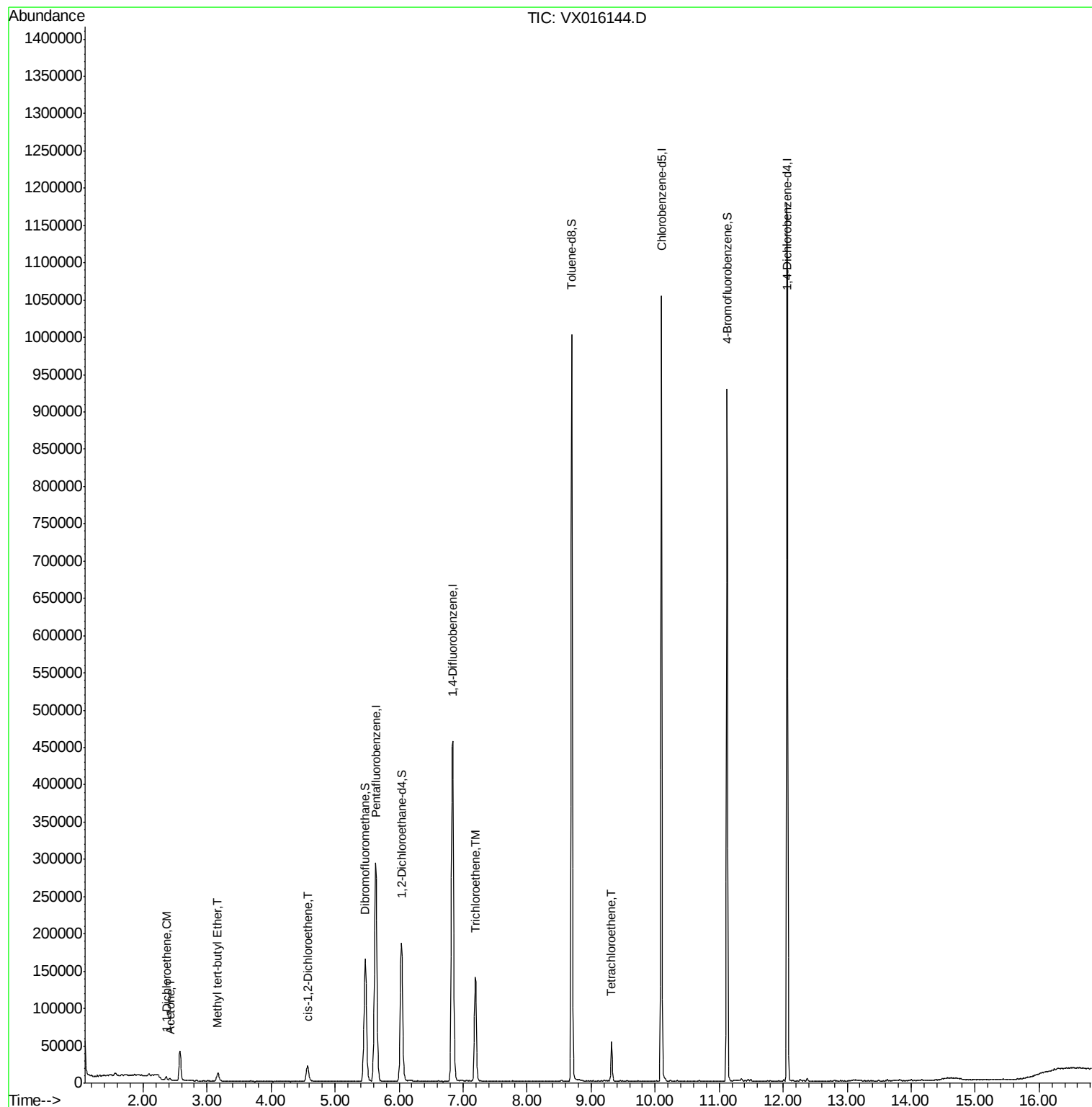
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	291757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	476811	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	466512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	242310	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	177668	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	
35) Dibromofluoromethane	5.47	113	141238	46.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.52%	
50) Toluene-d8	8.70	98	589456	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
62) 4-Bromofluorobenzene	11.12	95	236105	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.36	96	1639	0.540	ug/l	91
16) Acetone	2.42	43	2553	1.490	ug/l #	82
19) Methyl tert-butyl Ether	3.17	73	12430	1.189	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	14293	3.868	ug/l	82
44) Trichloroethene	7.19	130	55180	11.310	ug/l	96
64) Tetrachloroethene	9.32	164	9851	1.720	ug/l	94

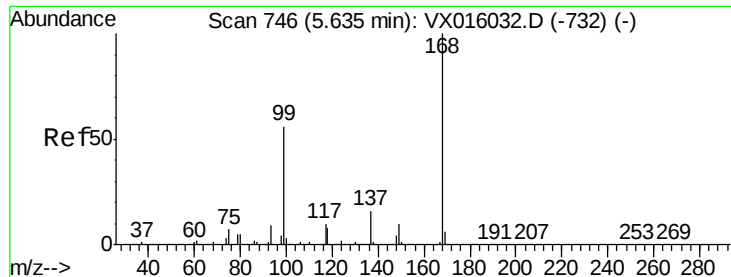
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051120\
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Acq On : 11 May 2020 13:26
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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX016144.D

Acq: 11 May 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

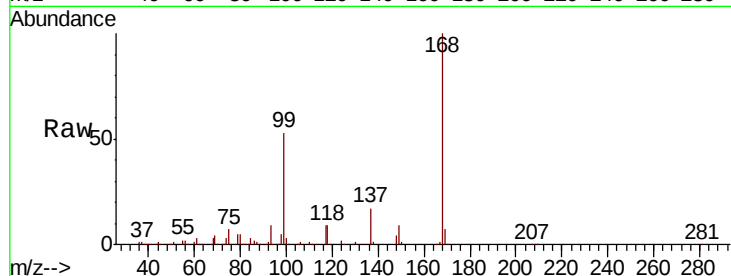
Z4-DUP-0553-200507

Tot Ion:168 Resp: 291757

Ion Ratio Lower Upper

168 100

99 52.5 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

120000

100000

80000

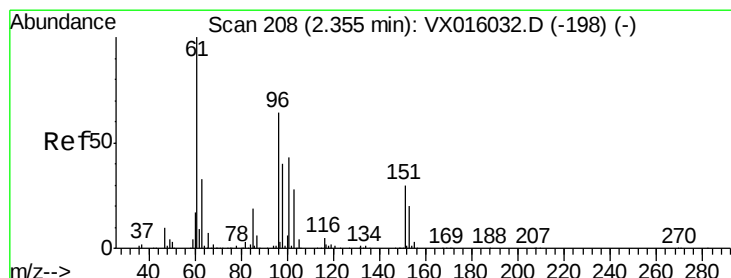
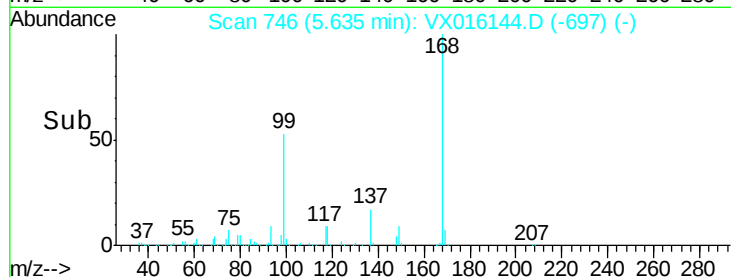
60000

40000

20000

0

Time-->



#12

1,1-Dichloroethene

Concen: 0.540 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX016144.D

Acq: 11 May 2020 13:26

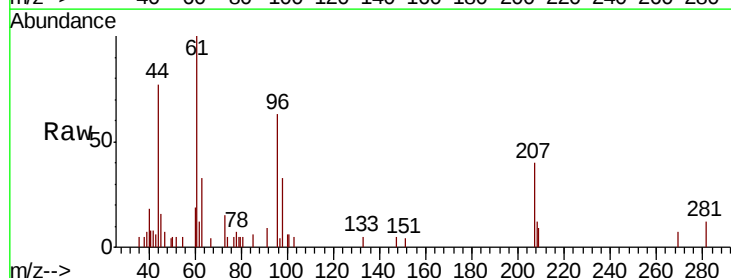
Tgt Ion: 96 Resp: 1639

Ion Ratio Lower Upper

96 100

61 168.7 124.8 187.2

98 55.3 49.7 74.5



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

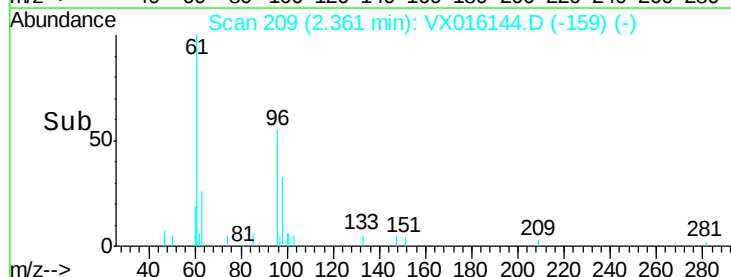
1500

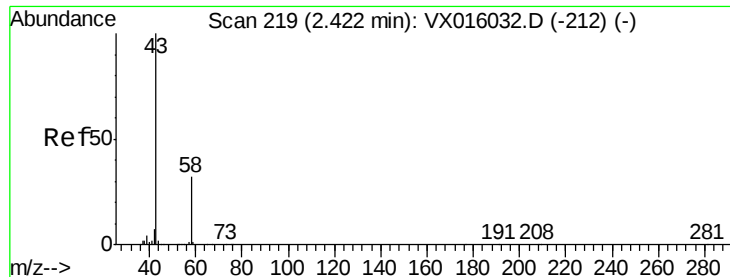
1000

500

0

Time-->





#16

Acetone

Concen: 1.490 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016144.D

Acq: 11 May 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

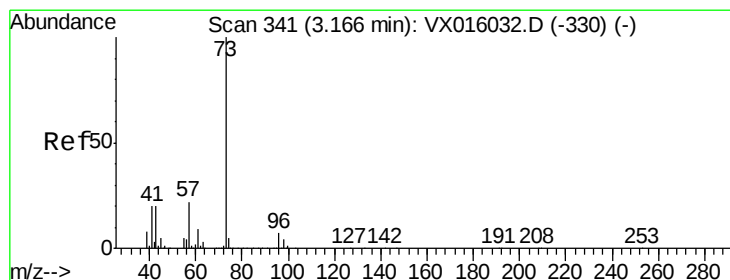
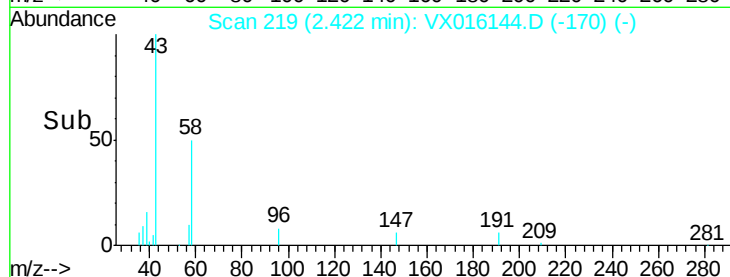
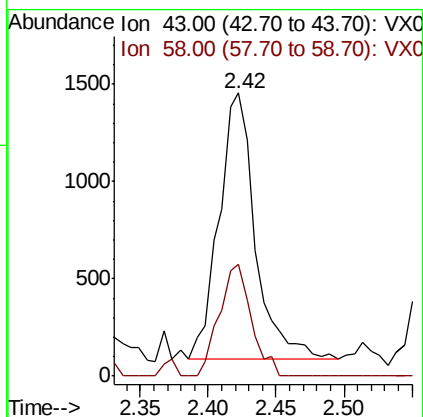
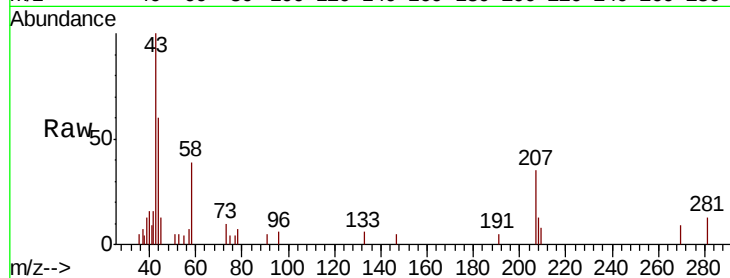
Z4-DUP-0553-200507

Tot Ion: 43 Resp: 2553

Ion Ratio Lower Upper

43 100

58 41.8 25.4 38.0#



#19

Methyl tert-butyl Ether

Concen: 1.189 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.00 min

Lab File: VX016144.D

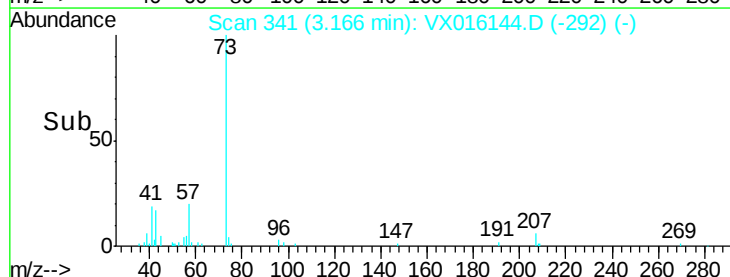
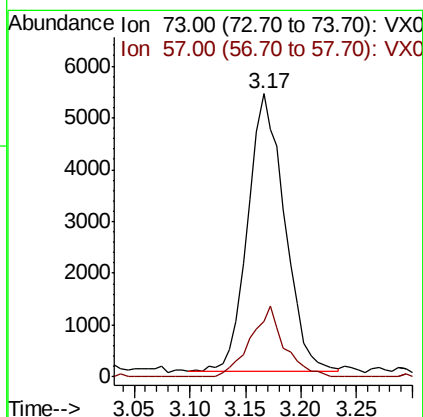
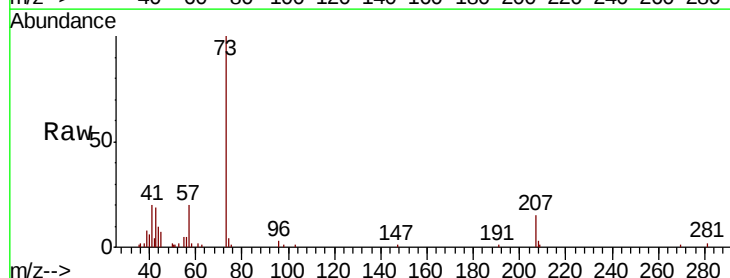
Acq: 11 May 2020 13:26

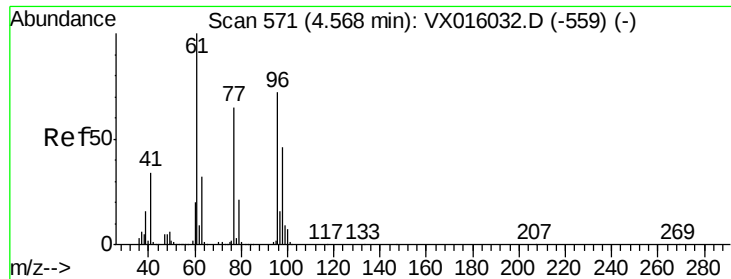
Tgt Ion: 73 Resp: 12430

Ion Ratio Lower Upper

73 100

57 20.1 17.8 26.6



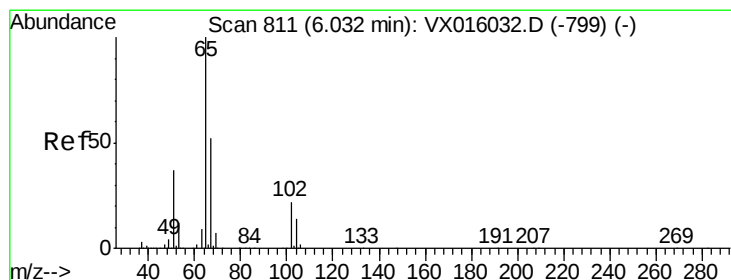
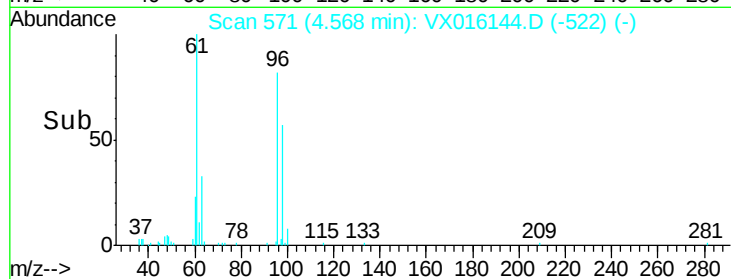
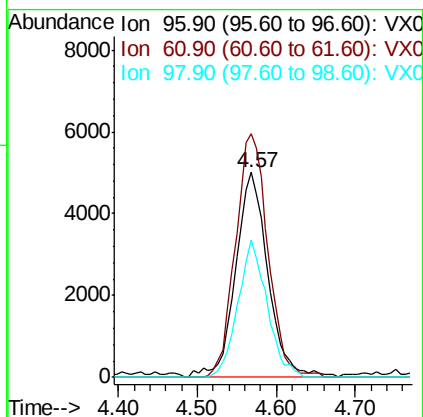
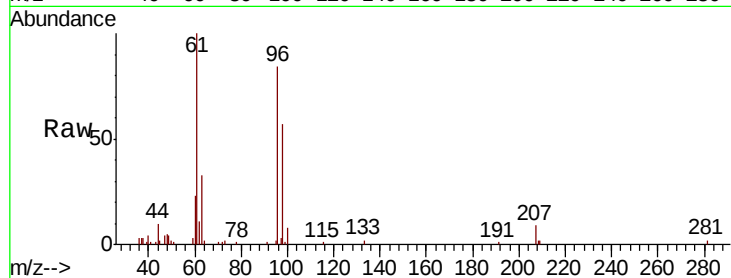


#27

cis-1,2-Dichloroethene
 Concen: 3.868 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VX016144.D
 Acq: 11 May 2020 13:26

Instrument :
 MSVOA_X
 ClientSampleId :
 Z4-DUP-0553-200507

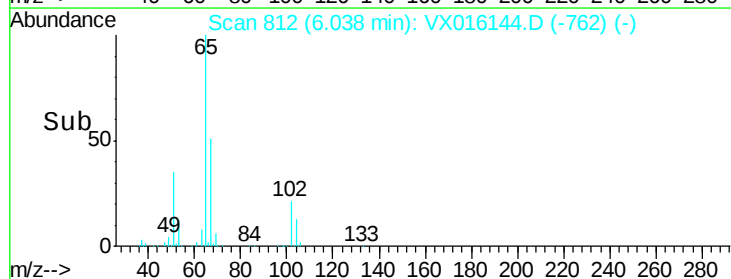
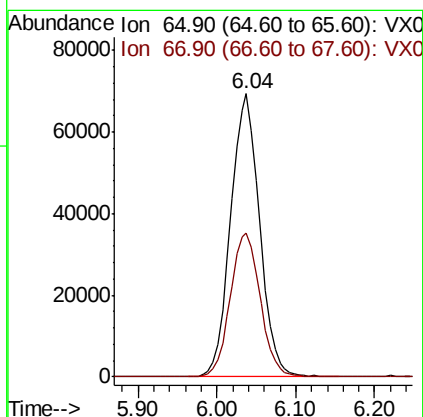
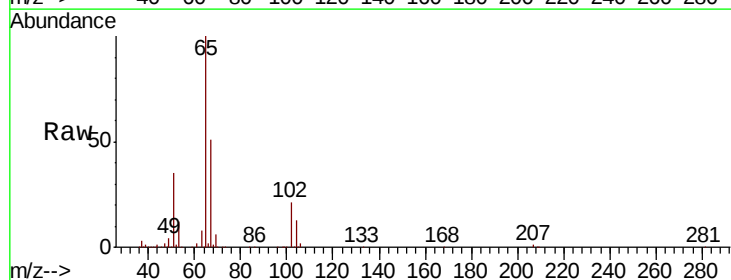
Tot Ion	96	Resp	14293
Ion	Ratio	Lower	Upper
96	100		
61	118.5	0.0	296.2
98	60.3	0.0	129.4

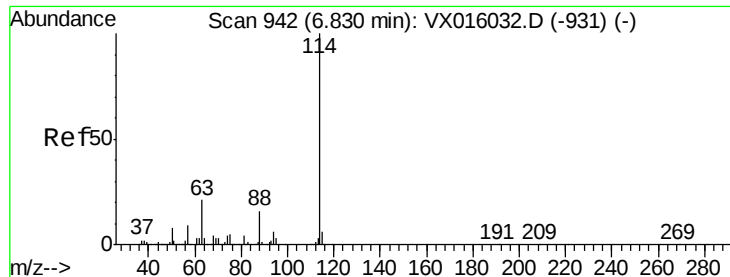


#33

1,2-Dichloroethane-d4
 Concen: 46.277 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX016144.D
 Acq: 11 May 2020 13:26

Tgt Ion	65	Resp	177668
Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016144.D

Acq: 11 May 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

Z4-DUP-0553-200507

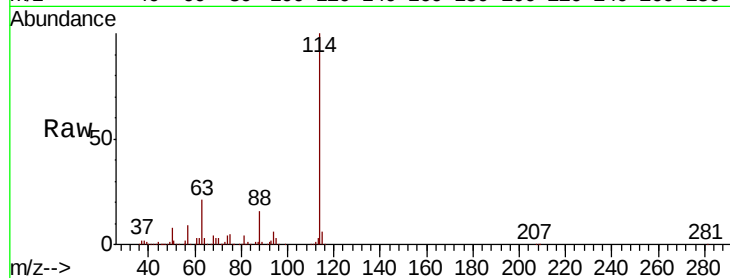
Tot Ion:114 Resp: 476811

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.8

88 16.0 0.0 31.4



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

250000

200000

150000

100000

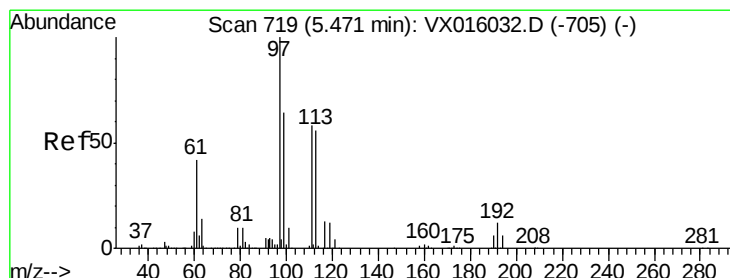
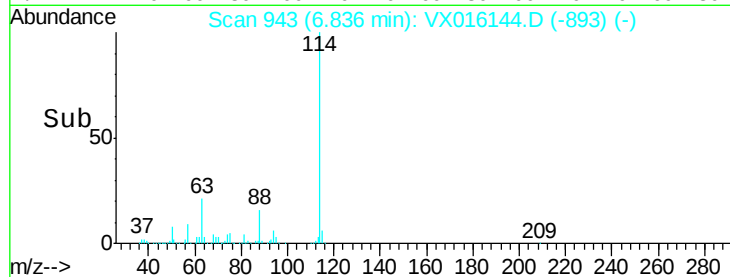
50000

0

6.84

6.80 6.84 6.90

Time-->



#35

Dibromofluoromethane

Concen: 46.755 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016144.D

Acq: 11 May 2020 13:26

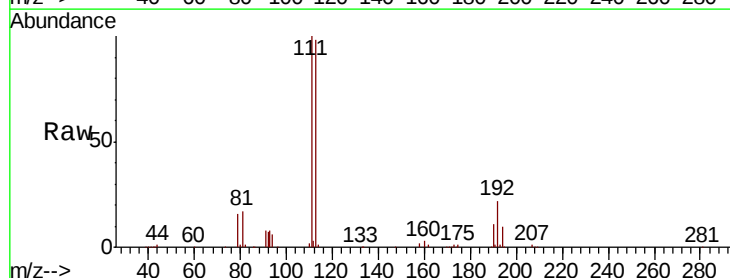
Tgt Ion:113 Resp: 141238

Ion Ratio Lower Upper

113 100

111 103.3 81.6 122.4

192 22.2 17.0 25.4



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

60000

40000

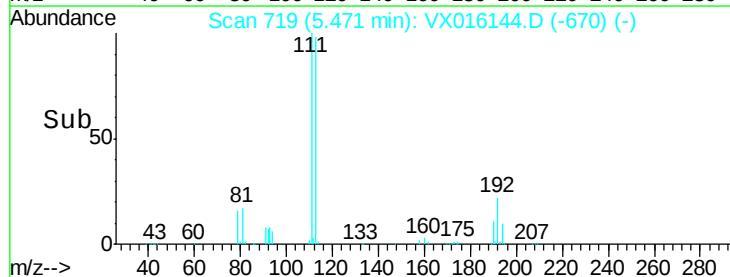
20000

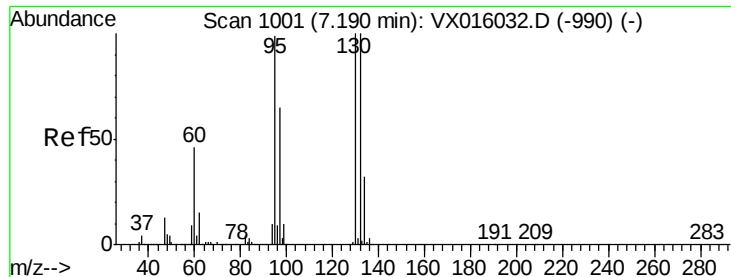
0

5.47

5.40 5.47 5.60

Time-->





#44

Trichloroethene

Concen: 11.310 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX016144.D

Acq: 11 May 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

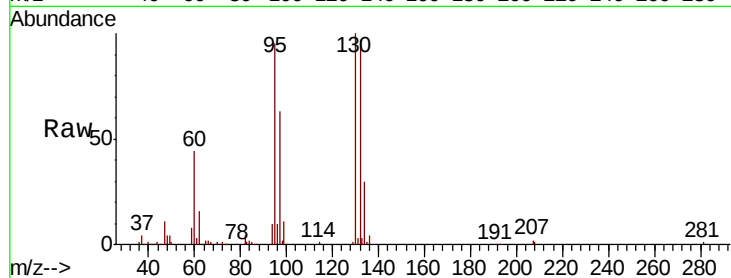
Z4-DUP-0553-200507

Tot Ion:130 Resp: 55180

Ion Ratio Lower Upper

130 100

95 94.7 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

25000

20000

15000

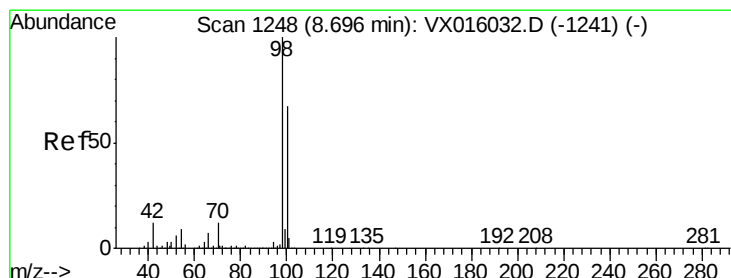
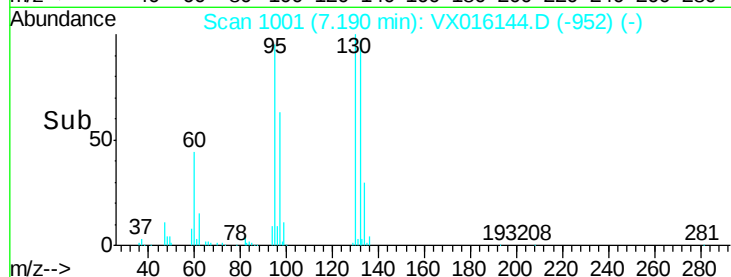
10000

5000

0

Time-->

7.10 7.20 7.30



#50

Toluene-d8

Concen: 50.643 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016144.D

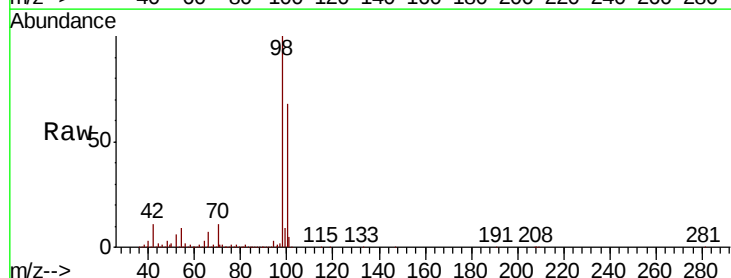
Acq: 11 May 2020 13:26

Tgt Ion: 98 Resp: 589456

Ion Ratio Lower Upper

98 100

100 67.2 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.70

400000

300000

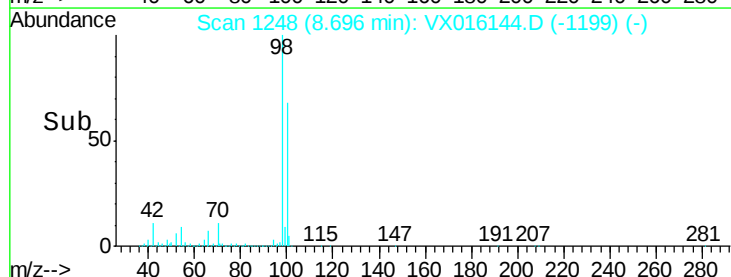
200000

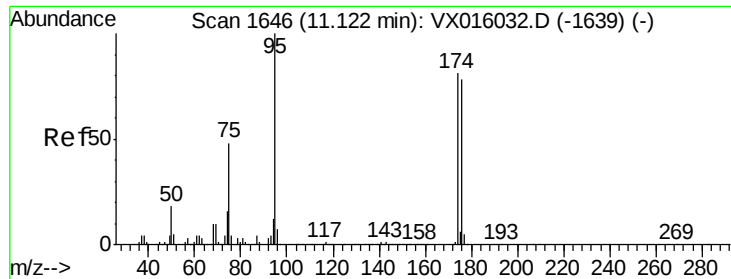
100000

0

Time-->

8.60 8.70 8.80 8.90





#62

4-Bromofluorobenzene

Concen: 53.332 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016144.D

Acq: 11 May 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

Z4-DUP-0553-200507

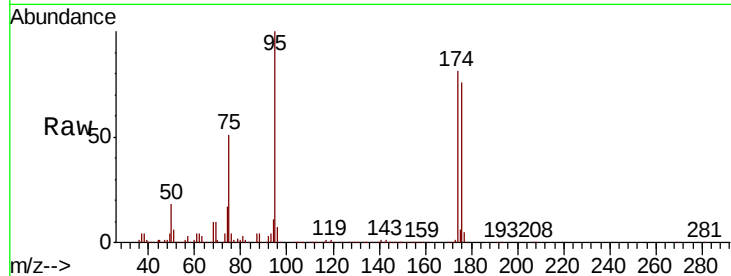
Tot Ion: 95 Resp: 236105

Ion Ratio Lower Upper

95 100

174 82.0 0.0 159.4

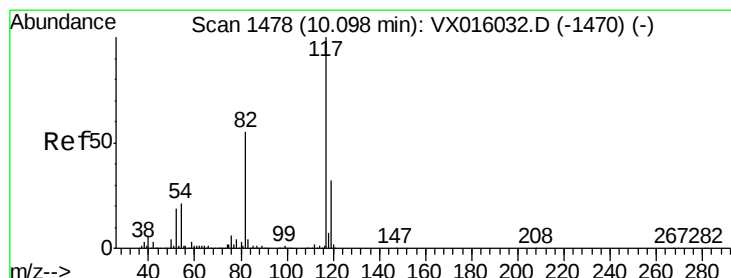
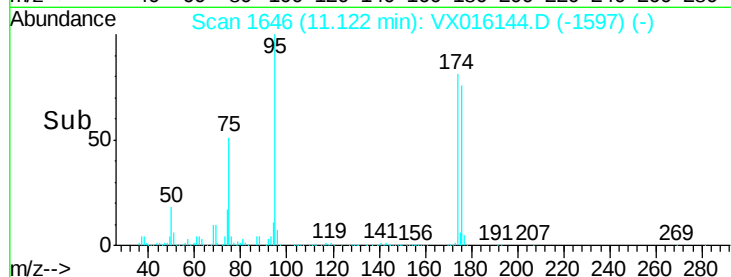
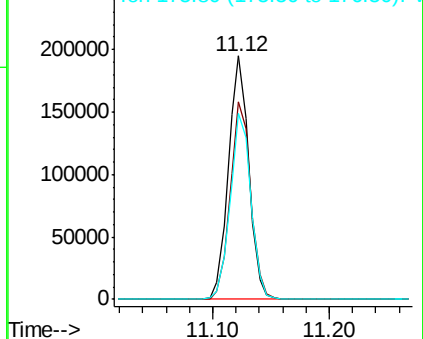
176 77.9 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX016144.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016144.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016144.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016144.D

Acq: 11 May 2020 13:26

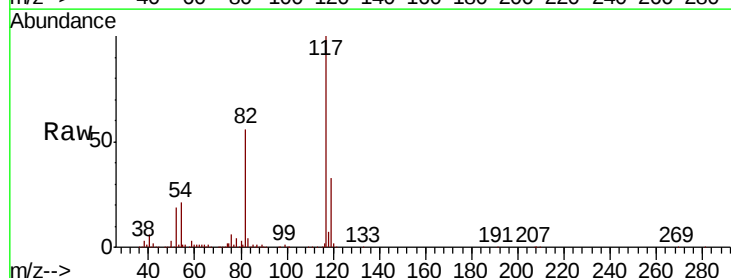
Tgt Ion: 117 Resp: 466512

Ion Ratio Lower Upper

117 100

82 56.1 44.4 66.6

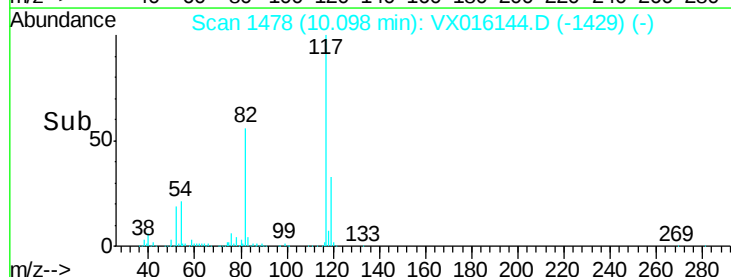
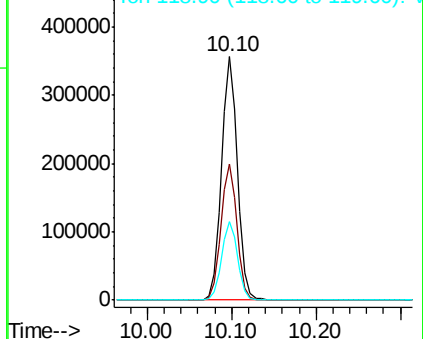
119 32.5 25.5 38.3

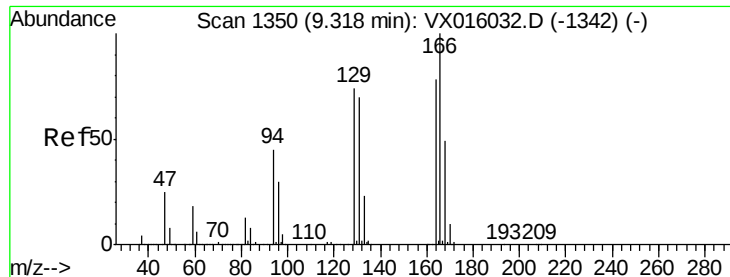


Abundance Ion 116.90 (116.60 to 117.60): VX016144.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016144.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016144.D (-1429) (-)





#64

Tetrachloroethene

Concen: 1.720 ug/l

RT: 9.32 min Scan# 1351

Delta R.T. 0.01 min

Lab File: VX016144.D

Acq: 11 May 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

Z4-DUP-0553-200507

Tot Ion:164 Resp: 9851

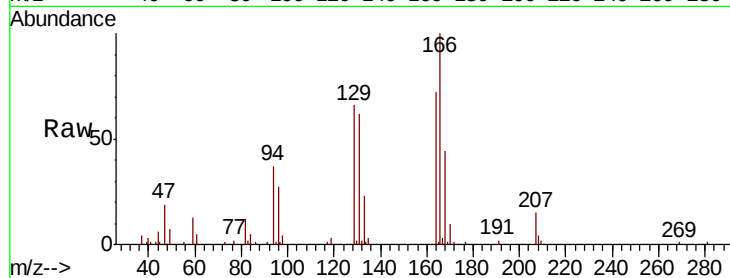
Ion Ratio Lower Upper

164 100

166 139.7 102.9 154.3

129 91.9 76.1 114.1

131 86.1 71.9 107.9

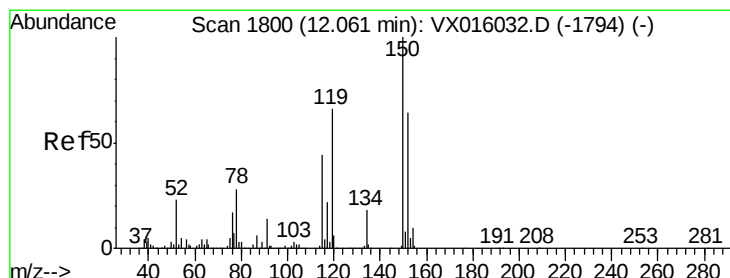
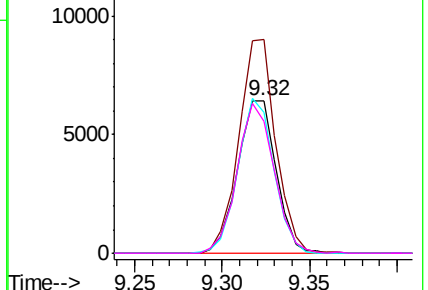
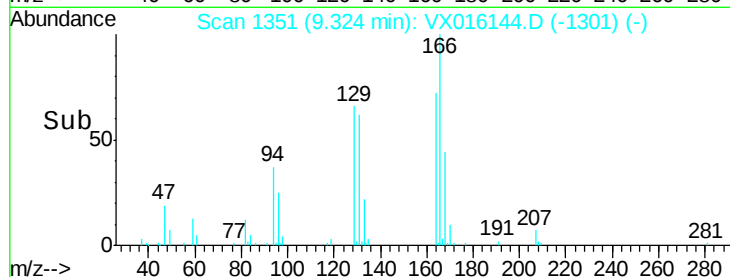


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX016144.D

Acq: 11 May 2020 13:26

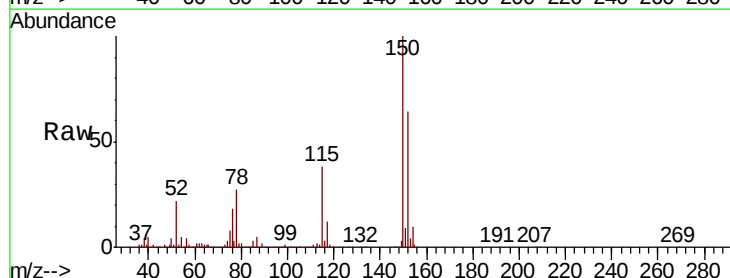
Tgt Ion:152 Resp: 242310

Ion Ratio Lower Upper

152 100

115 58.3 41.3 124.1

150 154.5 0.0 352.2



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

