

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051120\
 Data File : VX016149.D
 Acq On : 11 May 2020 15:19
 Operator : JC/SP
 Sample : L2552-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z4-DUP-0552-200507

Quant Time: May 11 18:57:09 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	5.63	168	286020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	469838	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	457868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	236598	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	174225	46.29	ug/l	0.00
Spiked Amount			Recovery	=	92.58%	
35) Dibromofluoromethane	5.47	113	137201	46.09	ug/l	0.00
Spiked Amount			Recovery	=	92.18%	
50) Toluene-d8	8.70	98	578418	50.43	ug/l	0.00
Spiked Amount			Recovery	=	100.86%	
62) 4-Bromofluorobenzene	11.12	95	235134	53.90	ug/l	0.00
Spiked Amount			Recovery	=	107.80%	

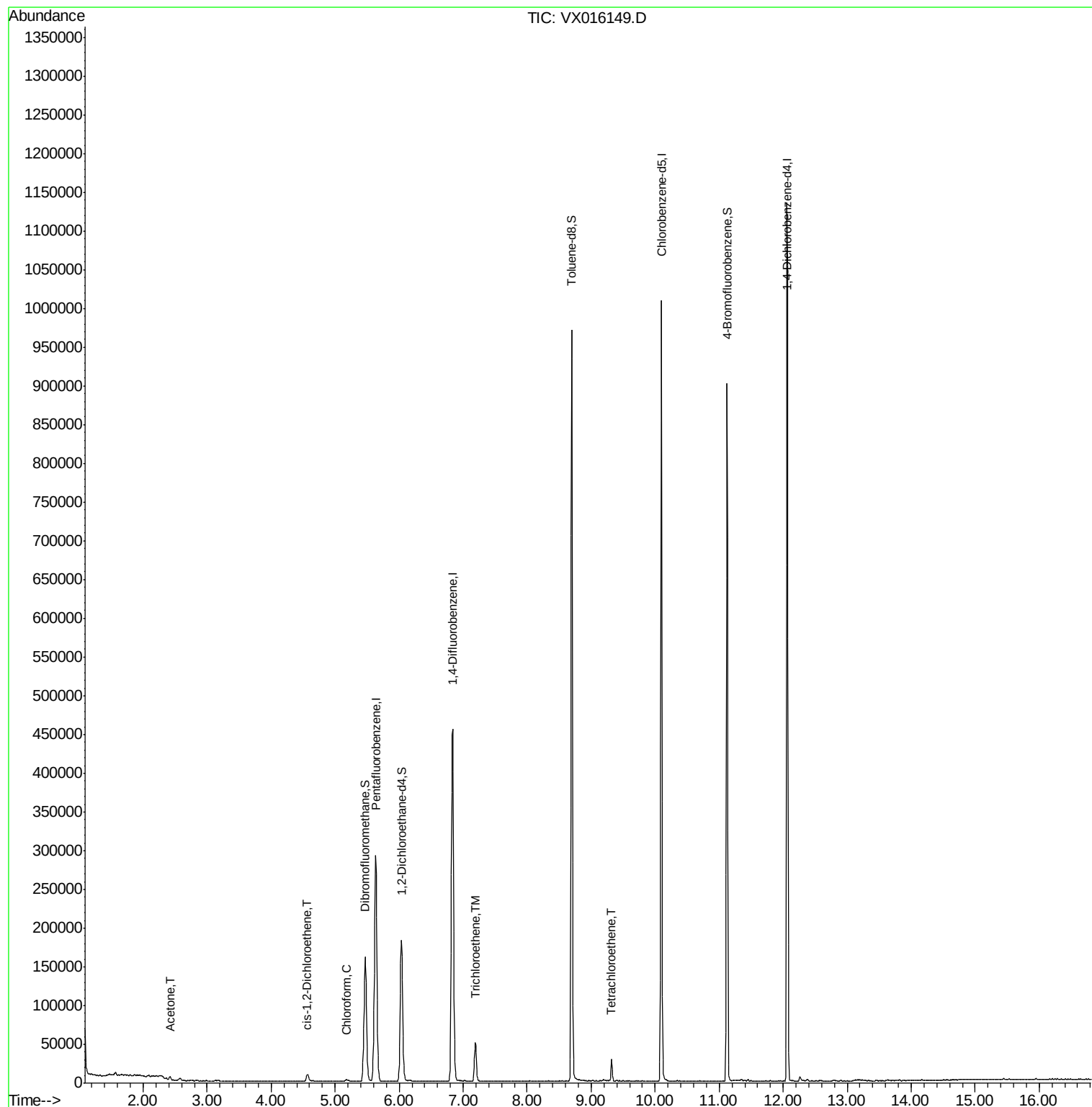
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	4771	2.841	ug/l	93
27) cis-1,2-Dichloroethene	4.57	96	6057	1.672	ug/l	87
30) Chloroform	5.17	83	2885	0.504	ug/l	98
44) Trichloroethene	7.19	130	18750	3.900	ug/l	95
64) Tetrachloroethene	9.32	164	5198	0.925	ug/l	97

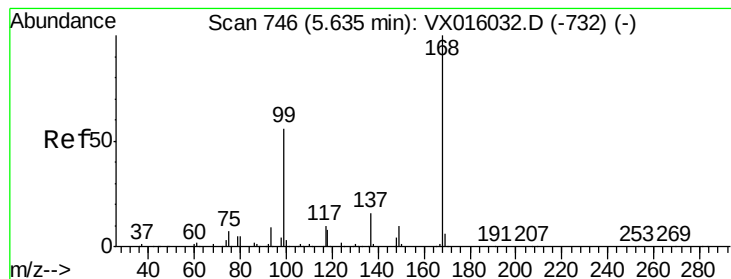
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016149.D

Acq: 11 May 2020 15:19

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MSVOA_X

ClientSampleId :

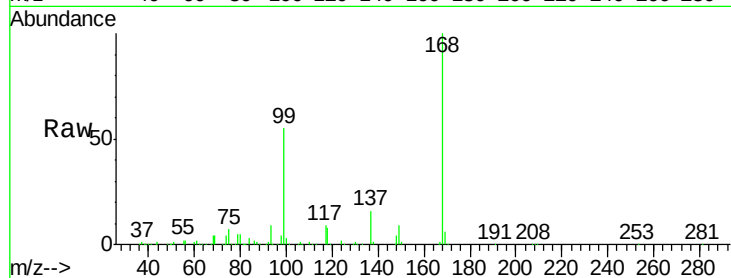
Z4-DUP-0552-200507

Tot Ion:168 Resp: 286020

Ion Ratio Lower Upper

168 100

99 54.9 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

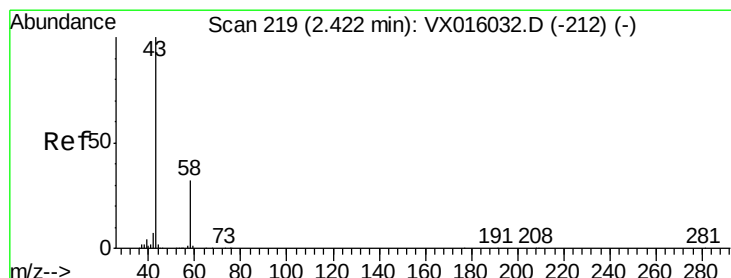
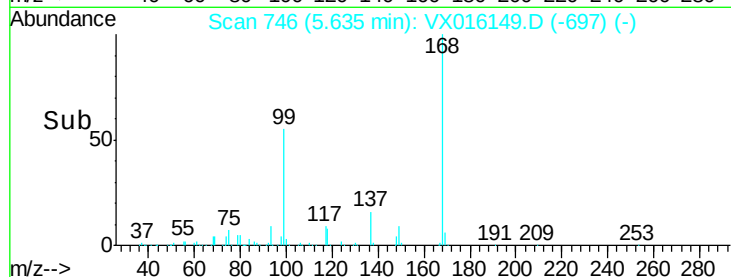
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 2.841 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016149.D

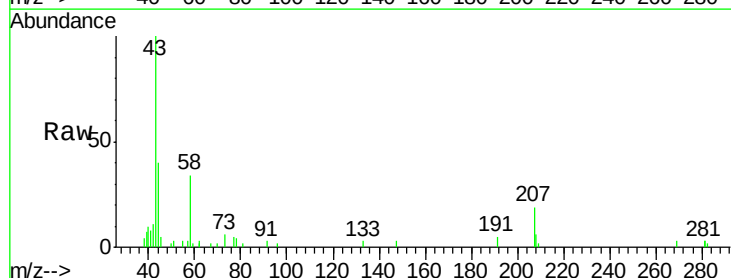
Acq: 11 May 2020 15:19

Tgt Ion: 43 Resp: 4771

Ion Ratio Lower Upper

43 100

58 35.4 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

3000

2500

2000

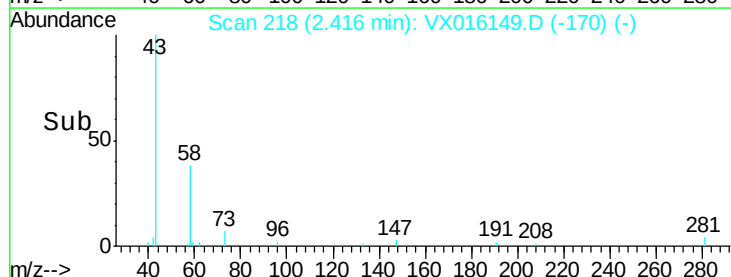
1500

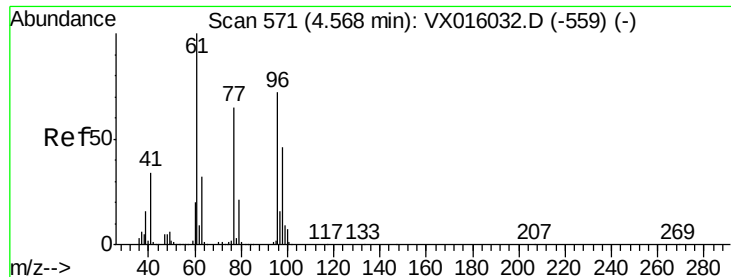
1000

500

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 1.672 ug/l

RT: 4.57 min Scan# 571

Delta R.T. -0.00 min

Lab File: VX016149.D

Acq: 11 May 2020 15:19

Instrument :

MSVOA_X

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Z4-DUP-0552-200507

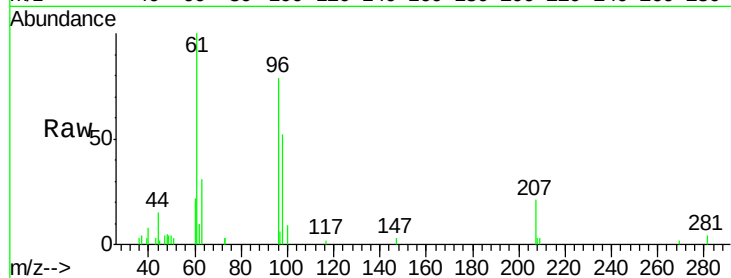
Tot Ion: 96 Resp: 6057

Ion Ratio Lower Upper

96 100

61 125.8 0.0 296.2

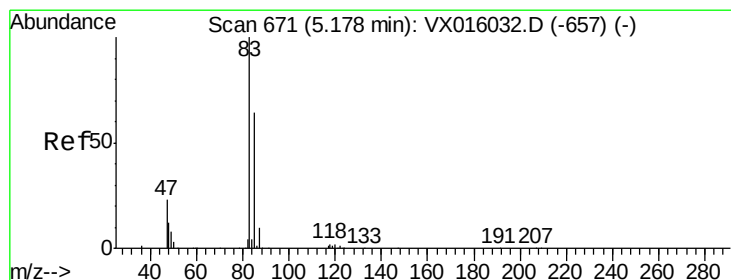
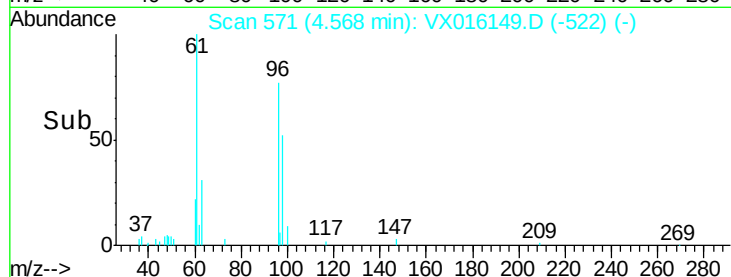
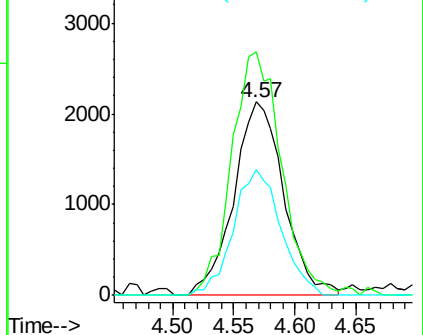
98 61.8 0.0 129.4



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



#30

Chloroform

Concen: 0.504 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX016149.D

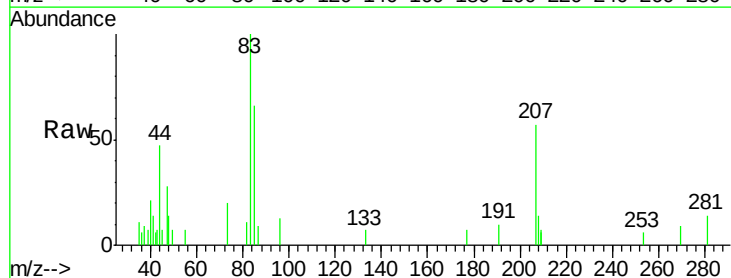
Acq: 11 May 2020 15:19

Tgt Ion: 83 Resp: 2885

Ion Ratio Lower Upper

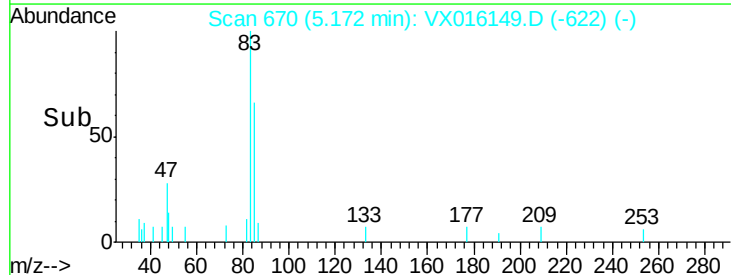
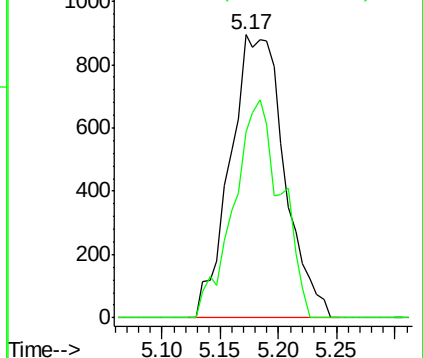
83 100

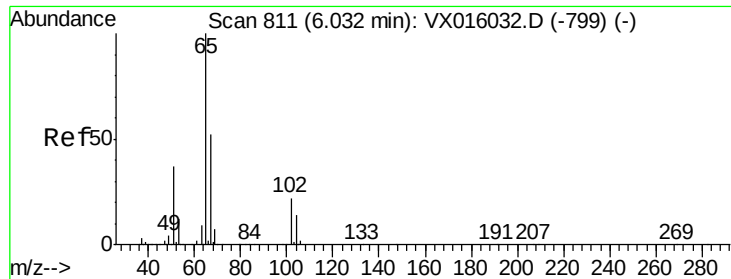
85 65.8 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

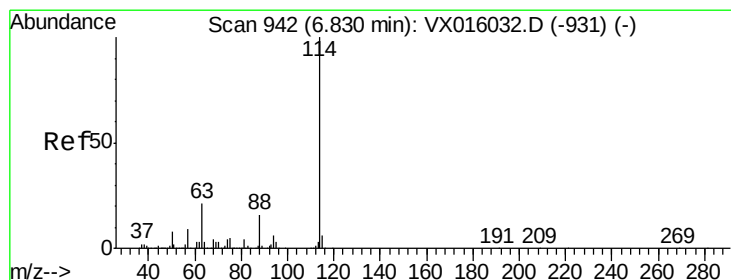
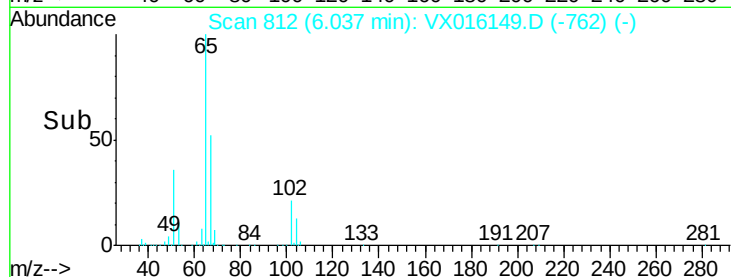
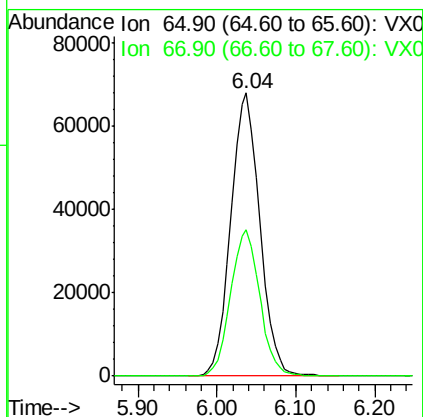
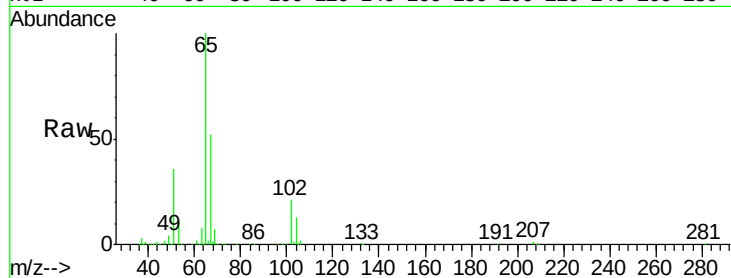




#33
 1,2-Dichloroethane-d4
 Concen: 46.291 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX016149.D
 Acq: 11 May 2020 15:19

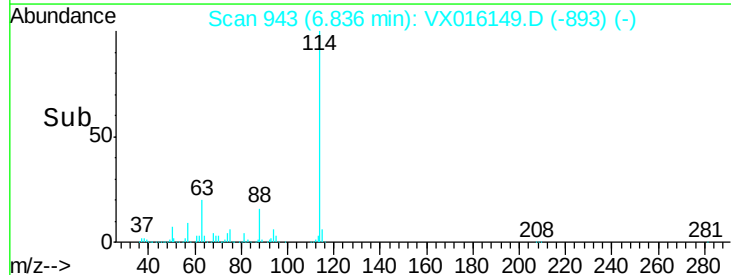
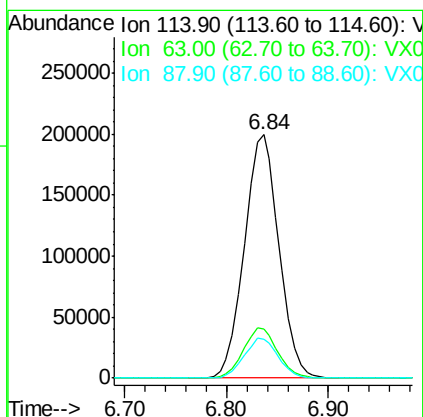
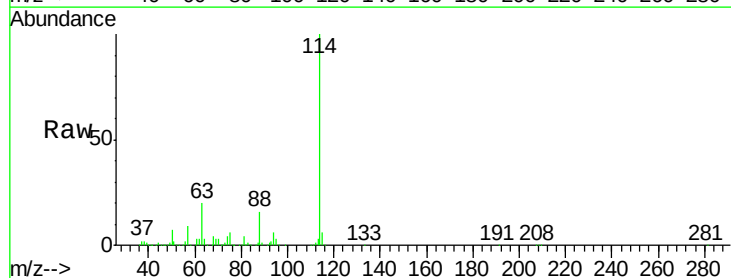
Instrument :
 MSVOA_X
 ClientSampleId :
 Z4-DUP-0552-200507

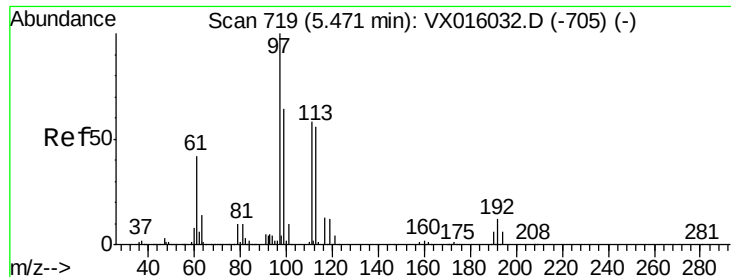
Tot Ion: 65 Resp: 174225
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016149.D
 Acq: 11 May 2020 15:19

Tgt Ion: 114 Resp: 469838
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.8
 88 15.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 46.093 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016149.D

Acq: 11 May 2020 15:19

Instrument :

MSVOA_X

ClientSampleId :

Z4-DUP-0552-200507

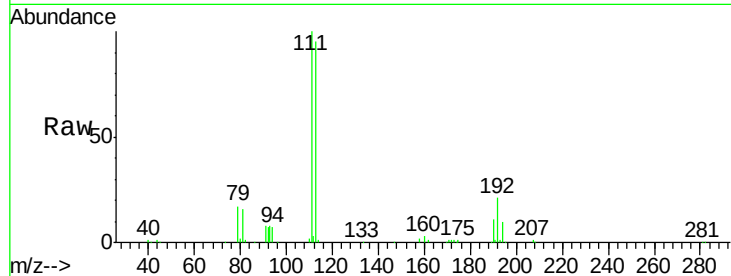
Tot Ion:113 Resp: 137201

Ion Ratio Lower Upper

113 100

111 102.5 81.6 122.4

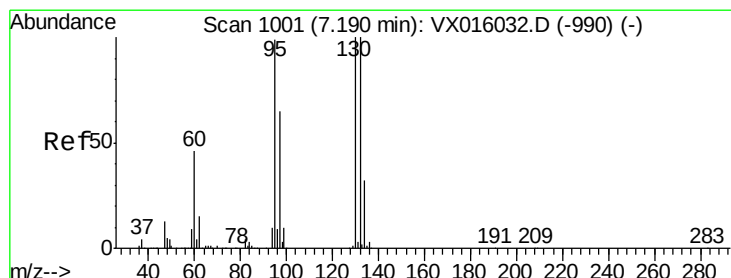
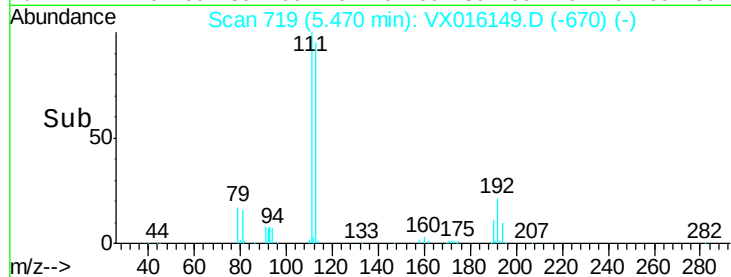
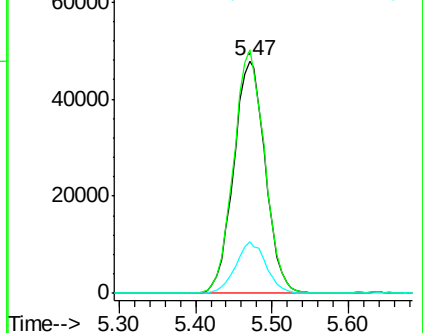
192 21.2 17.0 25.4



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



#44

Trichloroethene

Concen: 3.900 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016149.D

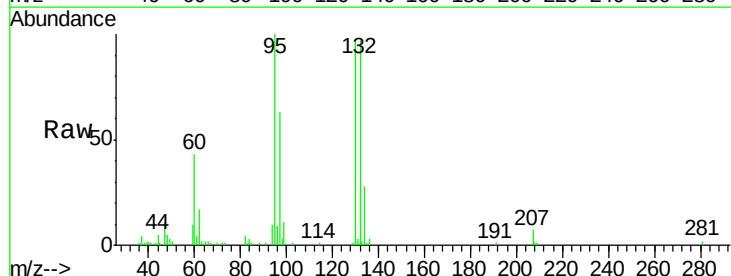
Acq: 11 May 2020 15:19

Tgt Ion:130 Resp: 18750

Ion Ratio Lower Upper

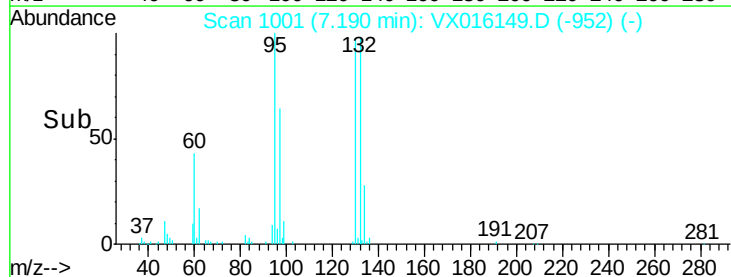
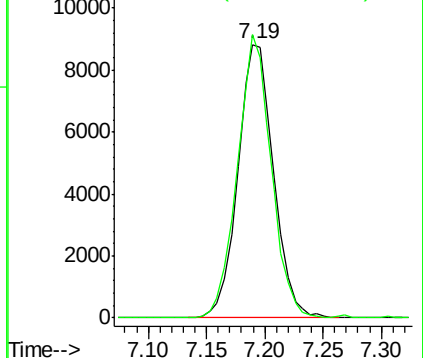
130 100

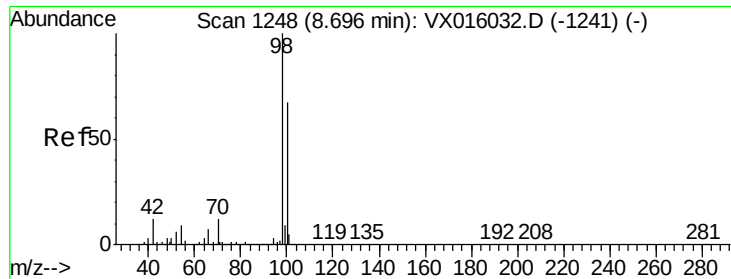
95 103.6 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 50.433 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016149.D

Acq: 11 May 2020 15:19

Instrument :

MSVOA_X

ClientSampleId :

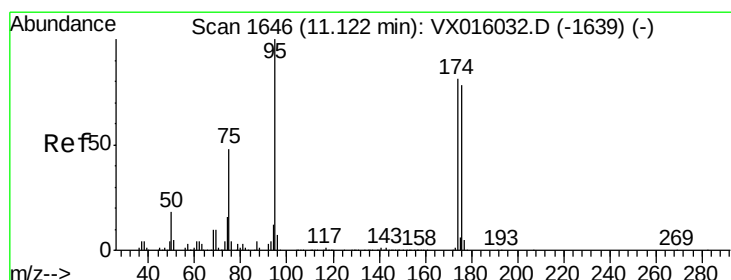
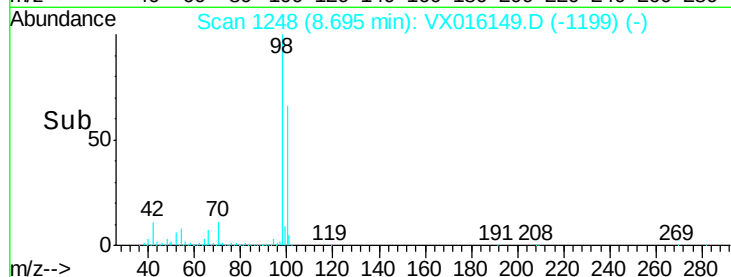
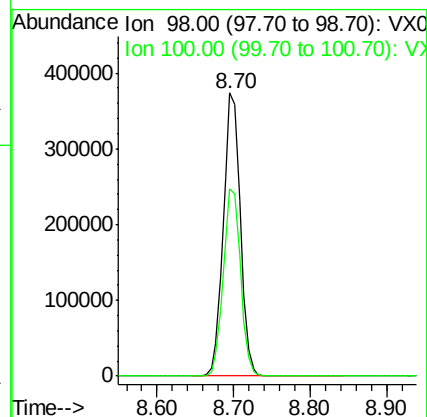
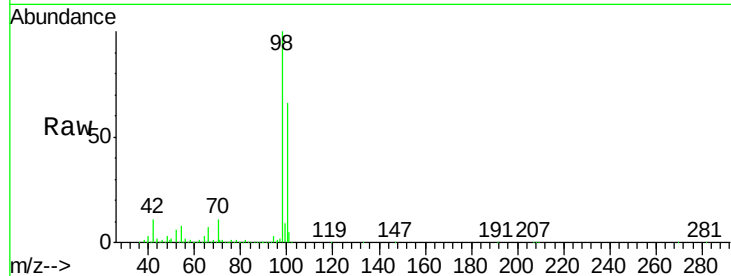
Z4-DUP-0552-200507

Tot Ion: 98 Resp: 578418

Ion Ratio Lower Upper

98 100

100 67.0 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 53.901 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016149.D

Acq: 11 May 2020 15:19

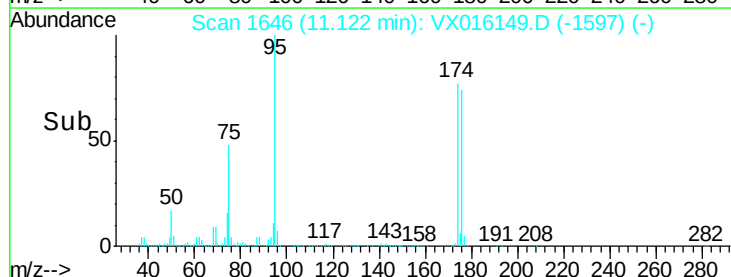
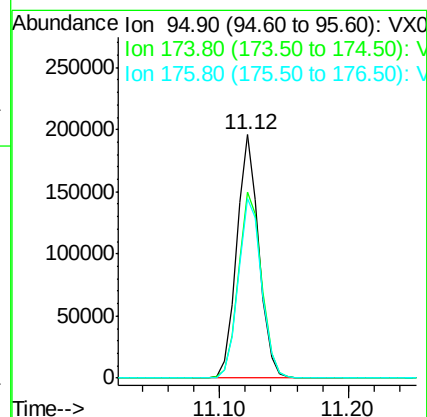
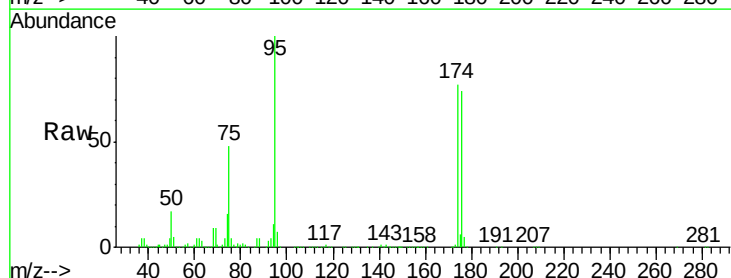
Tgt Ion: 95 Resp: 235134

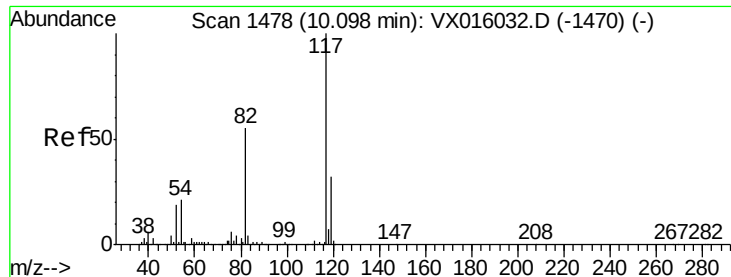
Ion Ratio Lower Upper

95 100

174 80.4 0.0 159.4

176 77.7 0.0 157.6

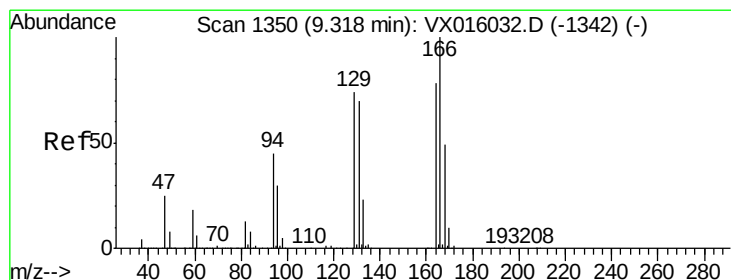
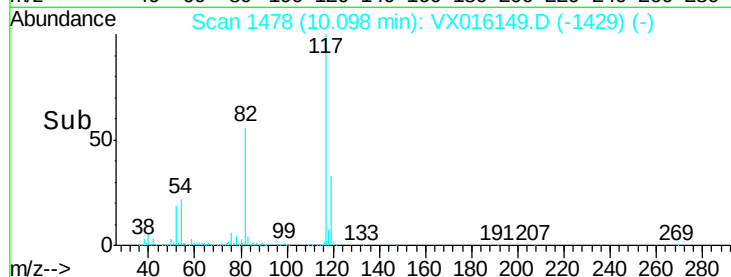
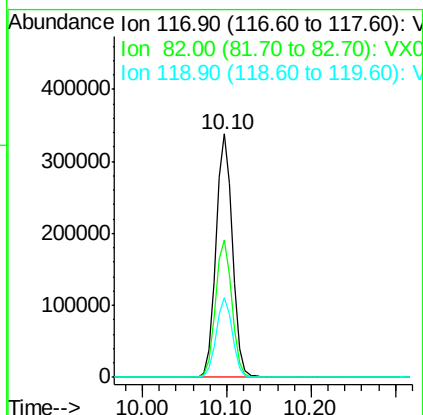
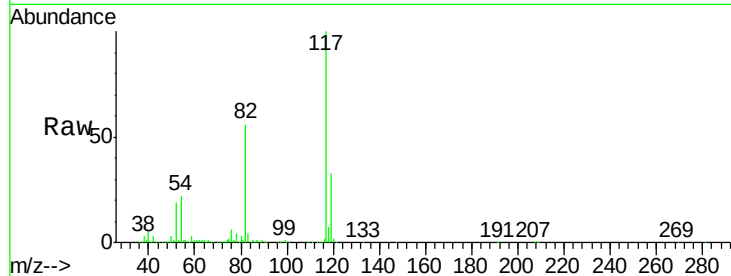




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016149.D
Acq: 11 May 2020 15:19

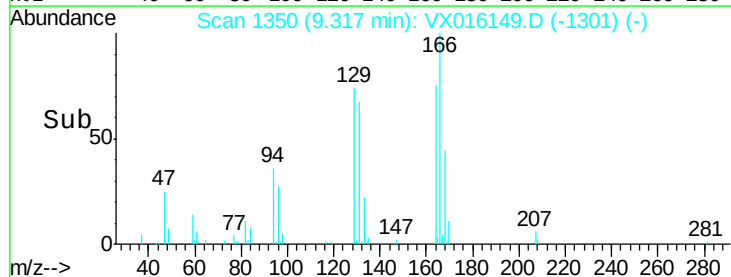
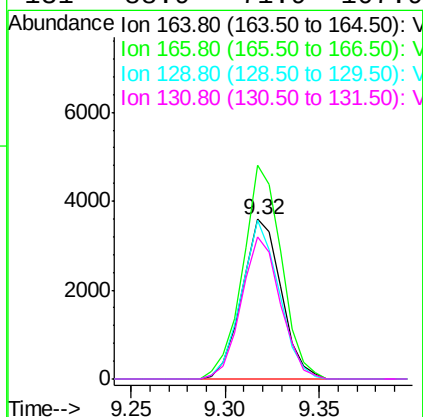
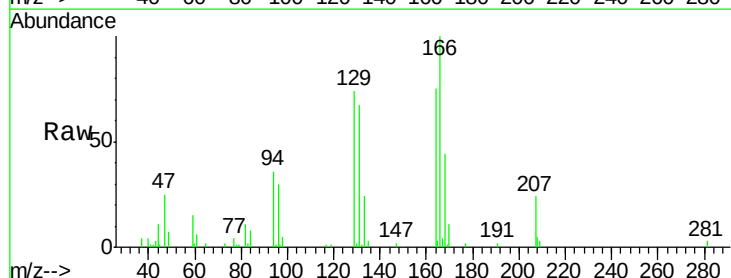
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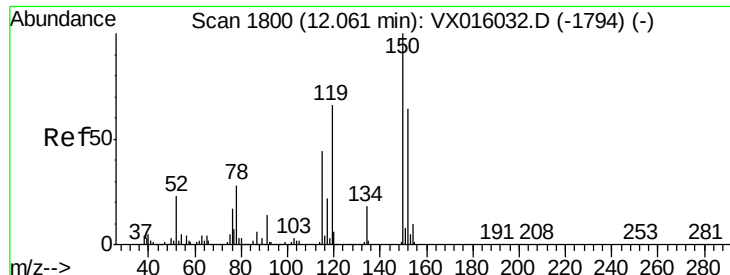
Tot Ion:117 Resp: 457868
Ion Ratio Lower Upper
117 100
82 56.4 44.4 66.6
119 32.8 25.5 38.3



#64
Tetrachloroethene
Concen: 0.925 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016149.D
Acq: 11 May 2020 15:19

Tgt Ion:164 Resp: 5198
Ion Ratio Lower Upper
164 100
166 133.5 102.9 154.3
129 99.2 76.1 114.1
131 88.9 71.9 107.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016149.D

Acq: 11 May 2020 15:19

Instrument :

MSVOA_X

ClientSampleId :

Z4-DUP-0552-200507

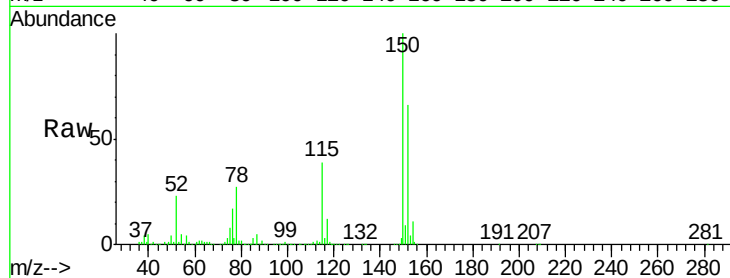
Tot Ion:152 Resp: 236598

Ion Ratio Lower Upper

152 100

115 58.7 41.3 124.1

150 156.7 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

