

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051420\
 Data File : VX016239.D
 Acq On : 14 May 2020 18:17
 Operator : JC/SP
 Sample : L2643-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z4-DUP-0557-200513

Quant Time: May 15 04:13:26 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

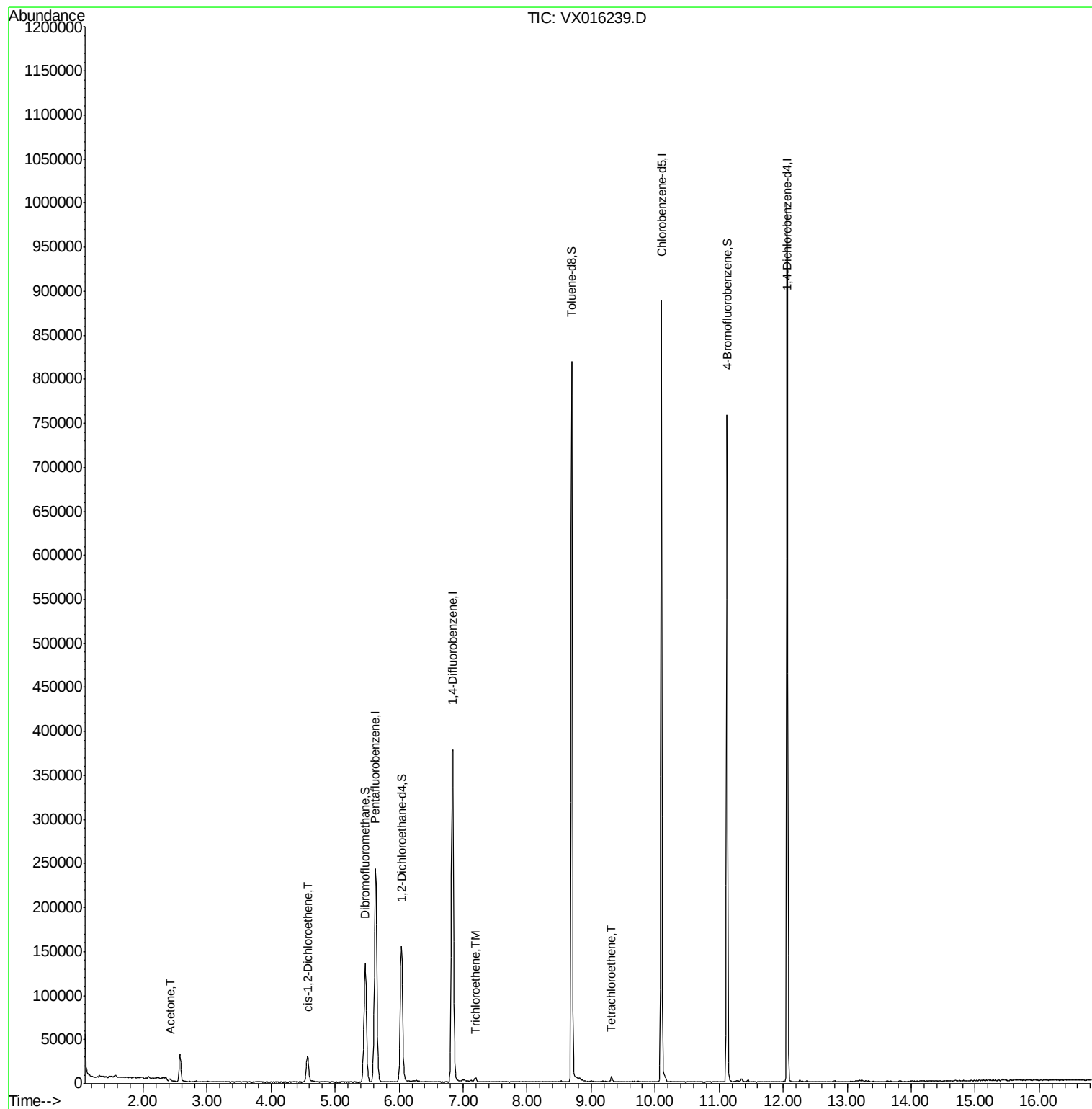
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	240045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	395573	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	397524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	206101	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	146797	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.94%	
35) Dibromofluoromethane	5.47	113	118742	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
50) Toluene-d8	8.70	98	493834	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.28%	
62) 4-Bromofluorobenzene	11.12	95	200100	54.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.96%	
Target Compounds						
16) Acetone	2.42	43	2872	2.038	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	19703	6.481	ug/l	86
44) Trichloroethene	7.19	130	1415	0.350	ug/l	97
64) Tetrachloroethene	9.32	164	981	0.201	ug/l #	79

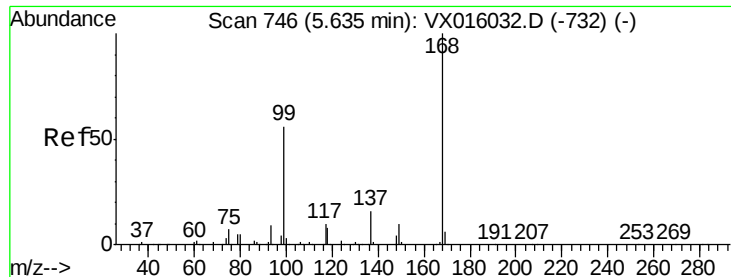
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016239.D

Acq: 14 May 2020 18:17

Instrument :

MSVOA_X

ClientSampleId :

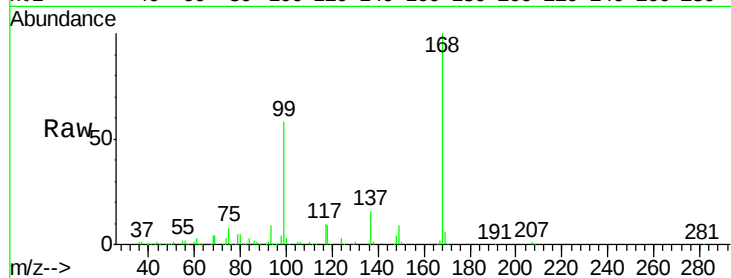
Z4-DUP-0557-200513

Tot Ion:168 Resp: 240045

Ion Ratio Lower Upper

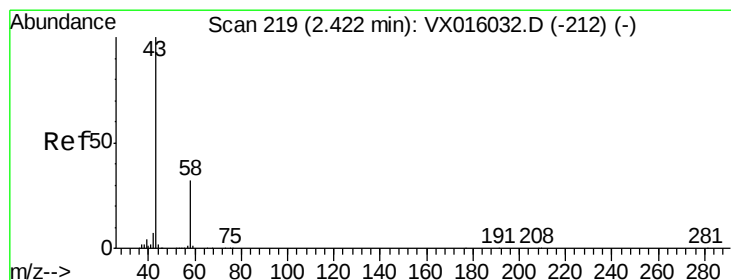
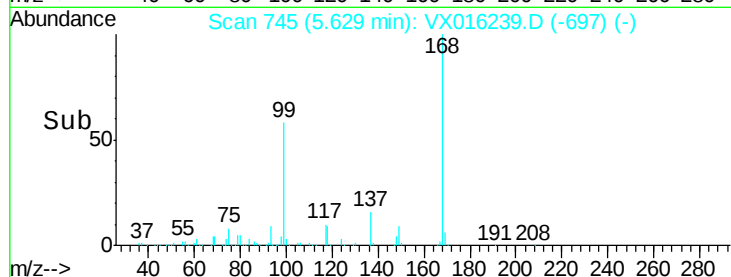
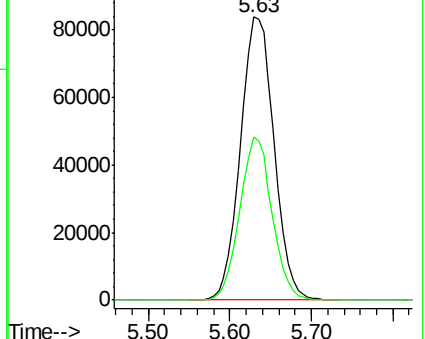
168 100

99 57.6 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.038 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016239.D

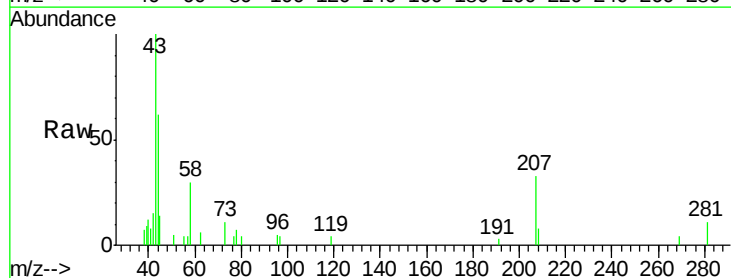
Acq: 14 May 2020 18:17

Tgt Ion: 43 Resp: 2872

Ion Ratio Lower Upper

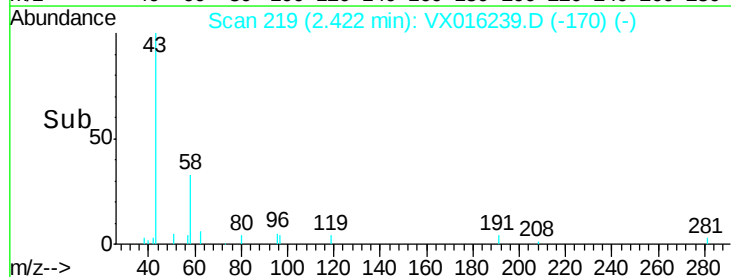
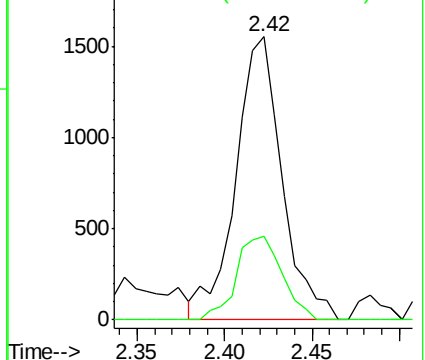
43 100

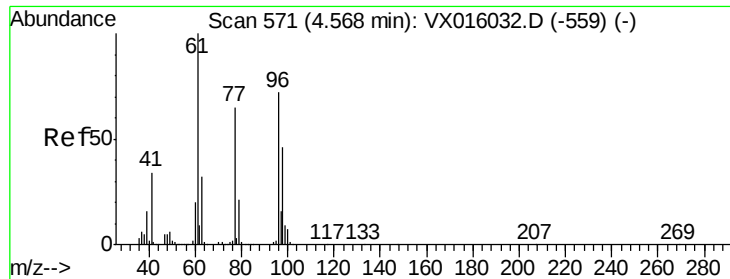
58 29.6 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



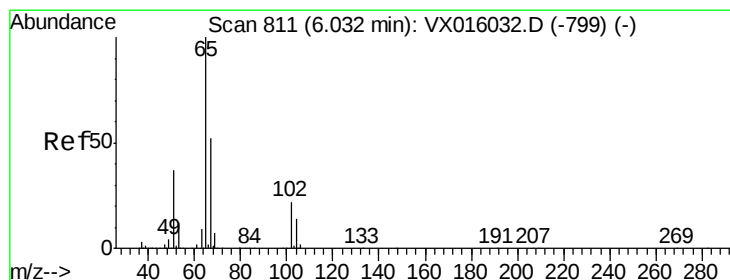
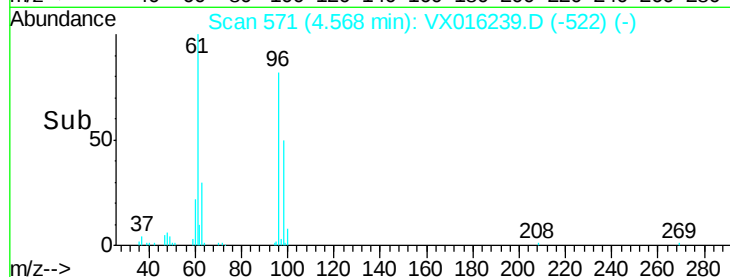
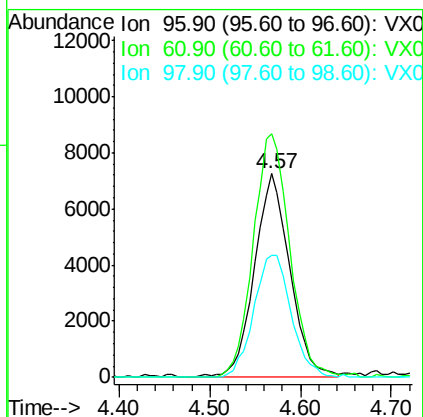
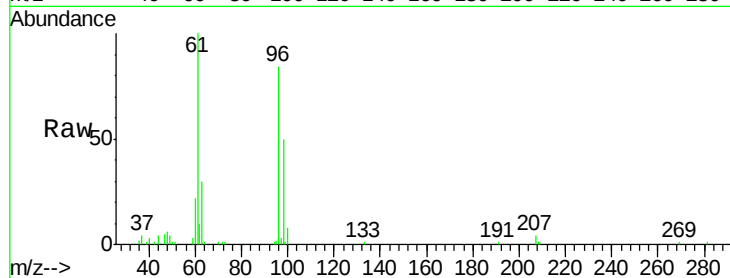


#27

cis-1,2-Dichloroethene
Concen: 6.481 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016239.D
Acq: 14 May 2020 18:17

Instrument :
MSVOA_X
ClientSampleId :
Z4-DUP-0557-200513

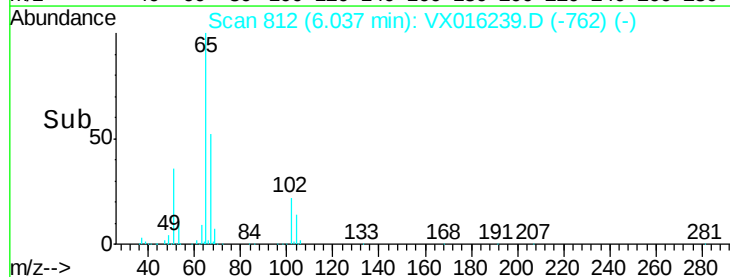
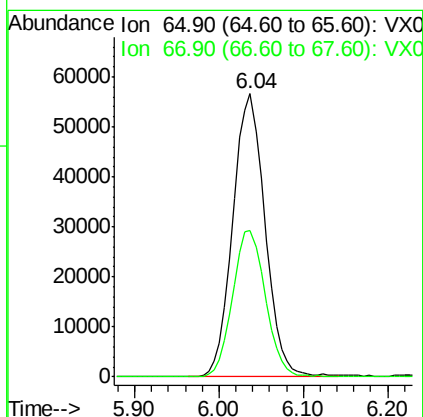
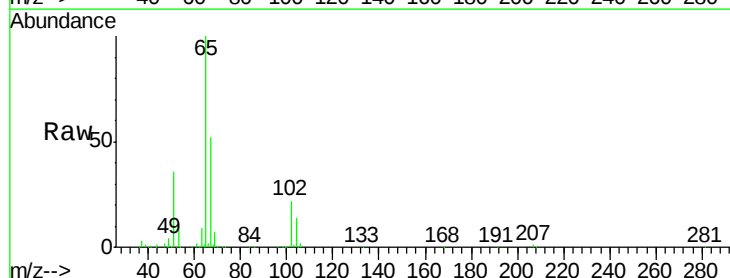
Tot Ion	Ratio	Lower	Upper
96	100		
61	123.5	0.0	296.2
98	62.8	0.0	129.4

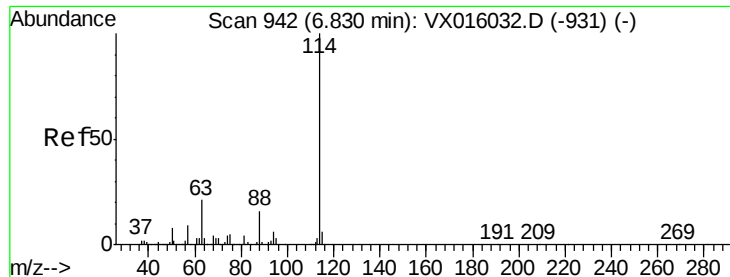


#33

1,2-Dichloroethane-d4
Concen: 46.473 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016239.D
Acq: 14 May 2020 18:17

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.9	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: VX016239.D

Acq: 14 May 2020 18:17

Instrument :

MSVOA_X

ClientSampleId :

Z4-DUP-0557-200513

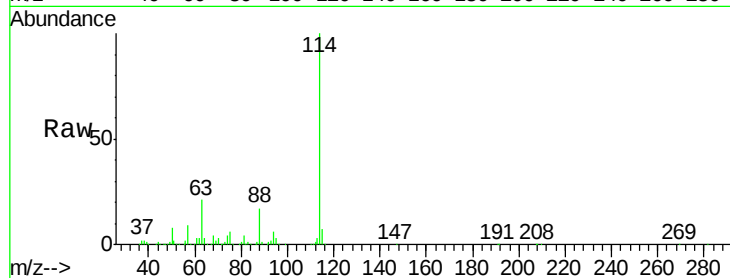
Tot Ion:114 Resp: 395573

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.8

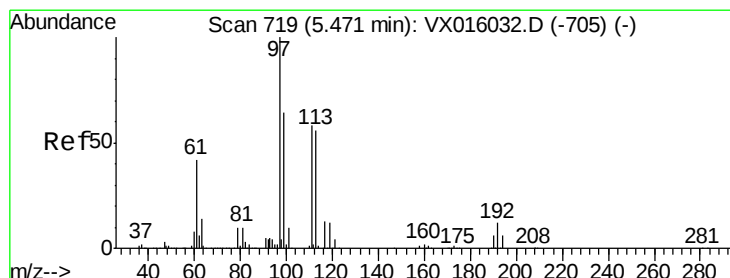
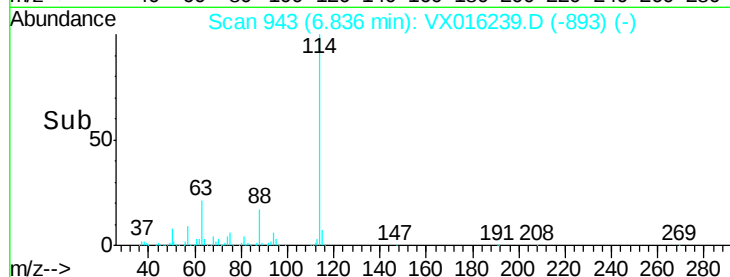
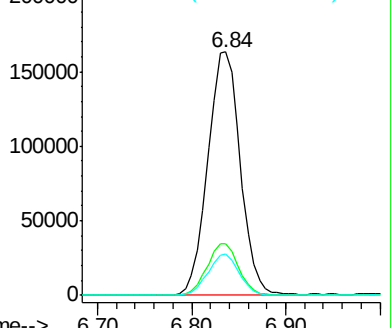
88 17.2 0.0 31.4



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



#35

Dibromofluoromethane

Concen: 47.381 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016239.D

Acq: 14 May 2020 18:17

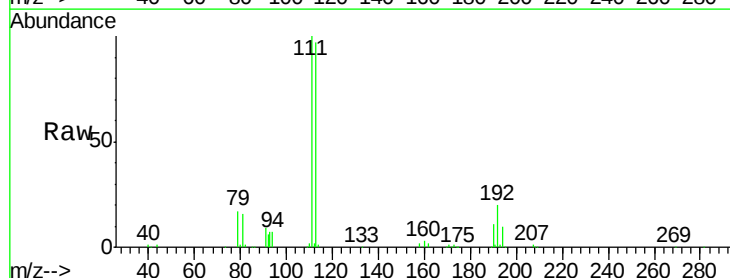
Tgt Ion:113 Resp: 118742

Ion Ratio Lower Upper

113 100

111 102.0 81.6 122.4

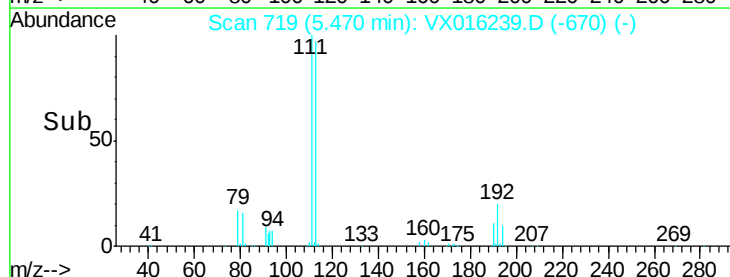
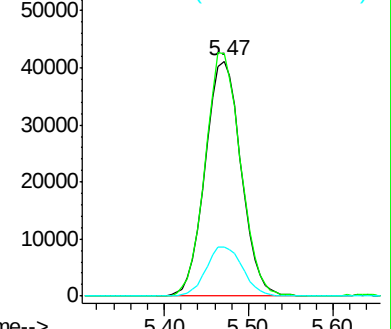
192 21.5 17.0 25.4

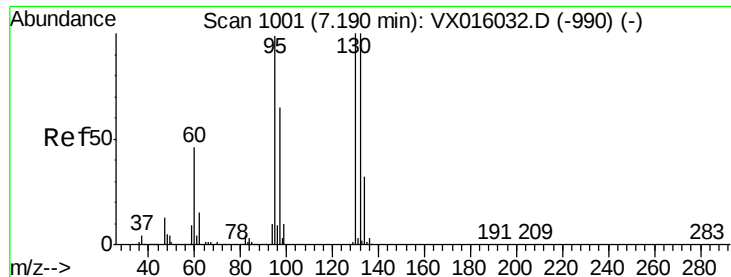


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.350 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016239.D

Acq: 14 May 2020 18:17

Instrument :

MSVOA_X

ClientSampleId :

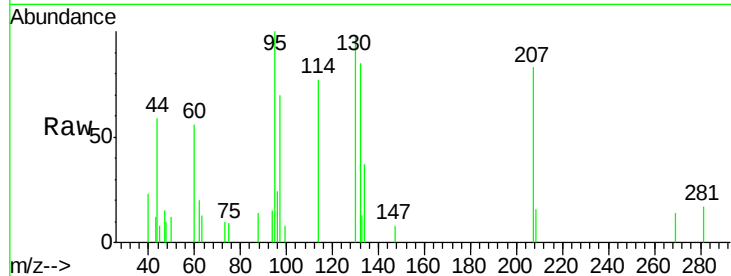
Z4-DUP-0557-200513

Tot Ion:130 Resp: 1415

Ion Ratio Lower Upper

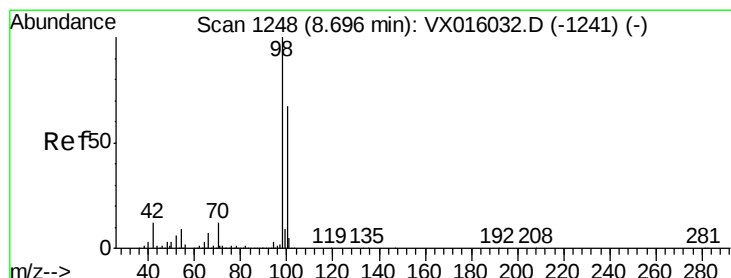
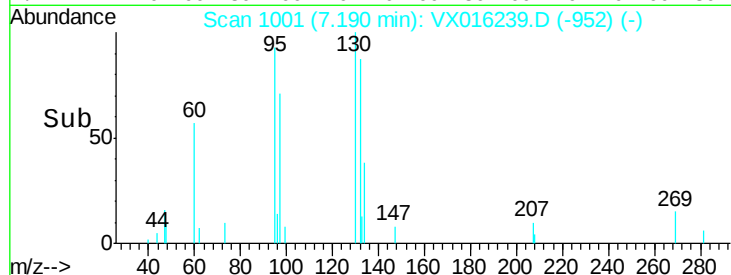
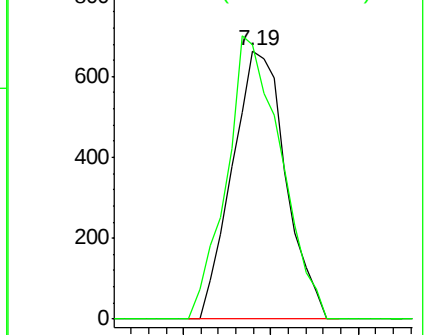
130 100

95 102.1 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: 51.141 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016239.D

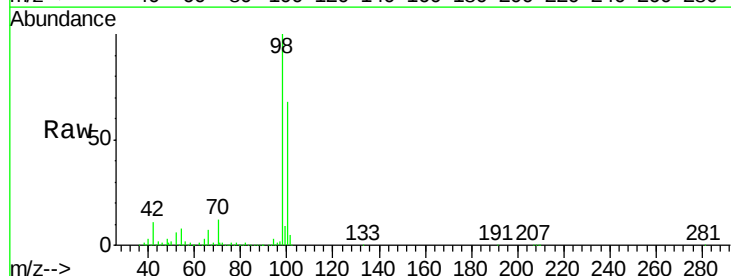
Acq: 14 May 2020 18:17

Tgt Ion: 98 Resp: 493834

Ion Ratio Lower Upper

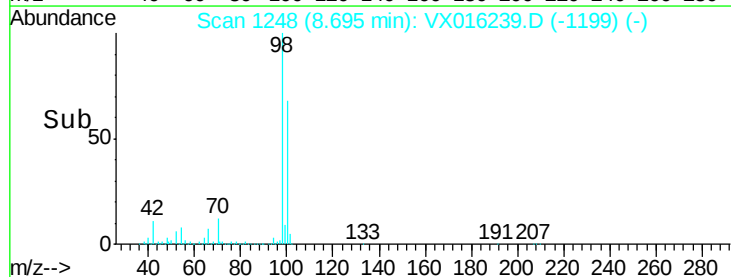
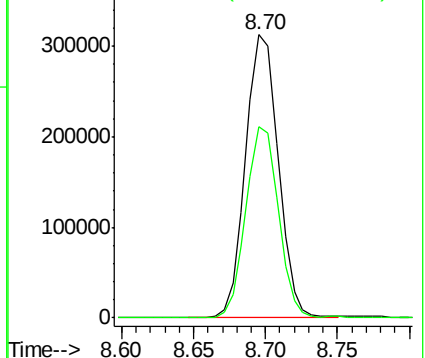
98 100

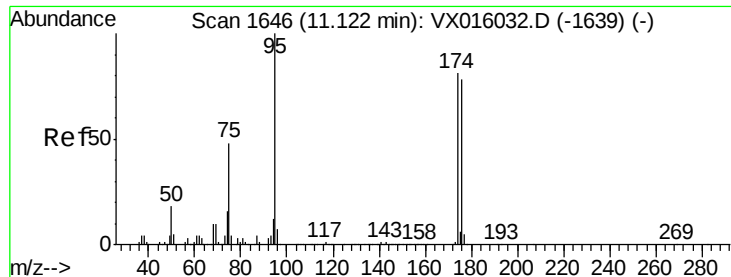
100 67.6 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 54.482 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016239.D

Acq: 14 May 2020 18:17

Instrument :

MSVOA_X

ClientSampleId :

Z4-DUP-0557-200513

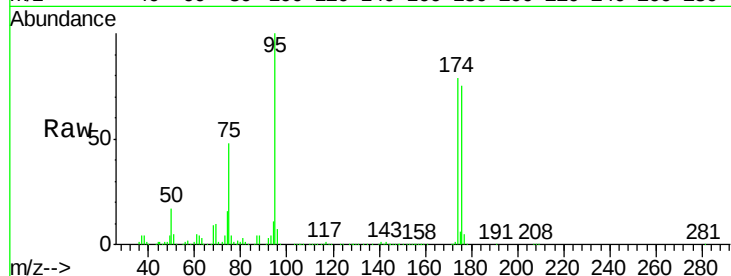
Tot Ion: 95 Resp: 200100

Ion Ratio Lower Upper

95 100

174 82.0 0.0 159.4

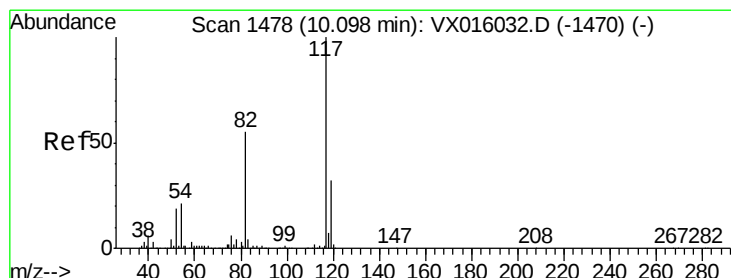
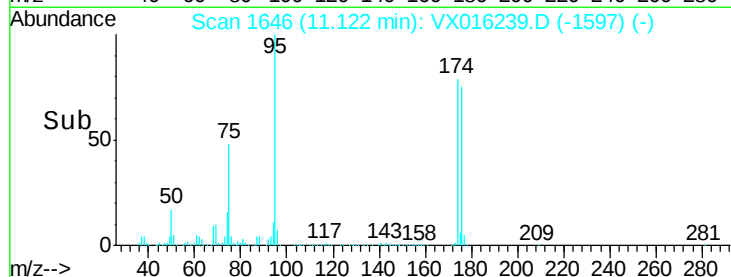
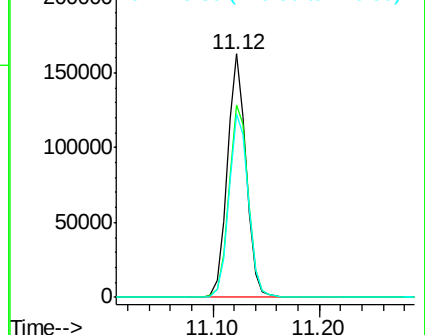
176 77.9 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX016239.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016239.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016239.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016239.D

Acq: 14 May 2020 18:17

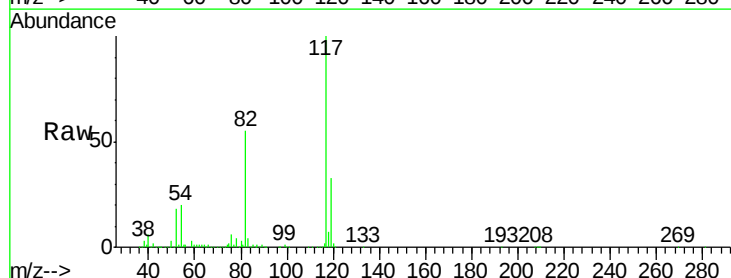
Tgt Ion: 117 Resp: 397524

Ion Ratio Lower Upper

117 100

82 55.4 44.4 66.6

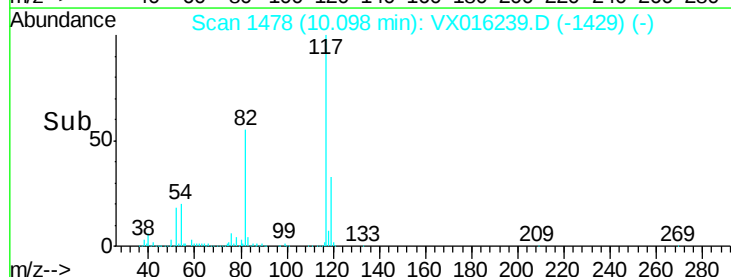
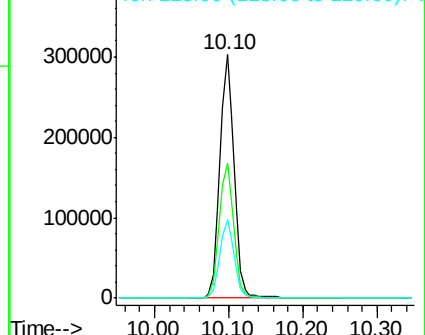
119 32.5 25.5 38.3

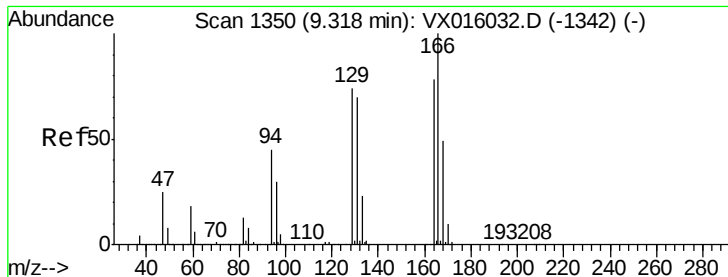


Abundance Ion 116.90 (116.60 to 117.60): VX016239.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016239.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016239.D (-1429) (-)





#64

Tetrachloroethene

Concen: 0.201 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016239.D

Acq: 14 May 2020 18:17

Instrument :

MSVOA_X

ClientSampleId :

Z4-DUP-0557-200513

Tot Ion:164 Resp: 981

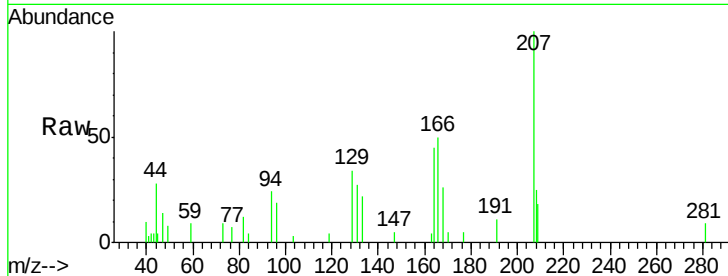
Ion Ratio Lower Upper

164 100

166 111.0 102.9 154.3

129 76.3 76.1 114.1

131 60.8 71.9 107.9#

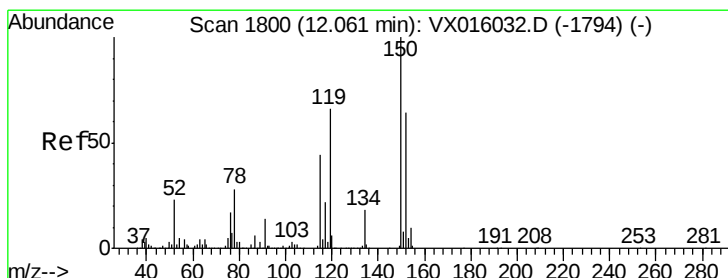
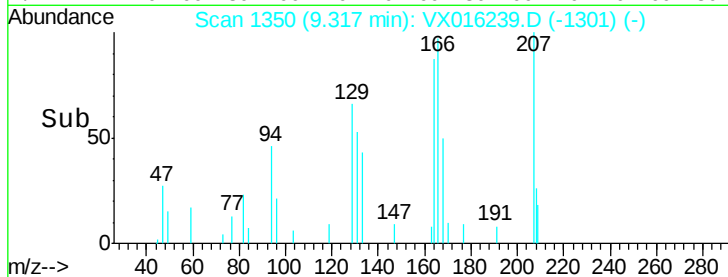
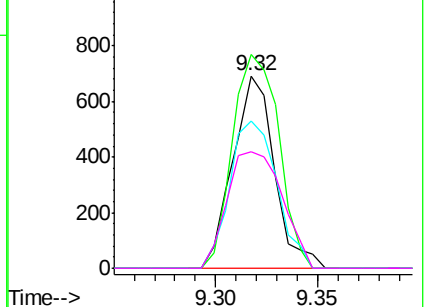


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX016239.D

Acq: 14 May 2020 18:17

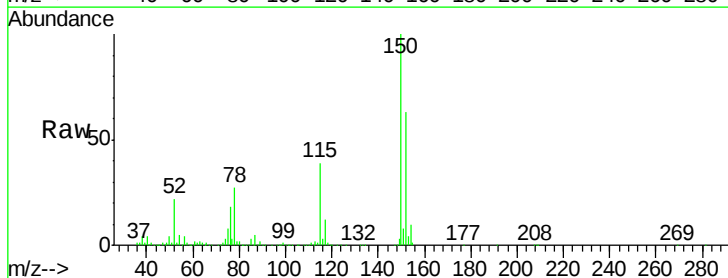
Tgt Ion:152 Resp: 206101

Ion Ratio Lower Upper

152 100

115 59.3 41.3 124.1

150 157.3 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

