

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051420\
 Data File : VX016240.D
 Acq On : 14 May 2020 18:40
 Operator : JC/SP
 Sample : L2643-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z4-DUP-0556-200513

Quant Time: May 15 09:18:32 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

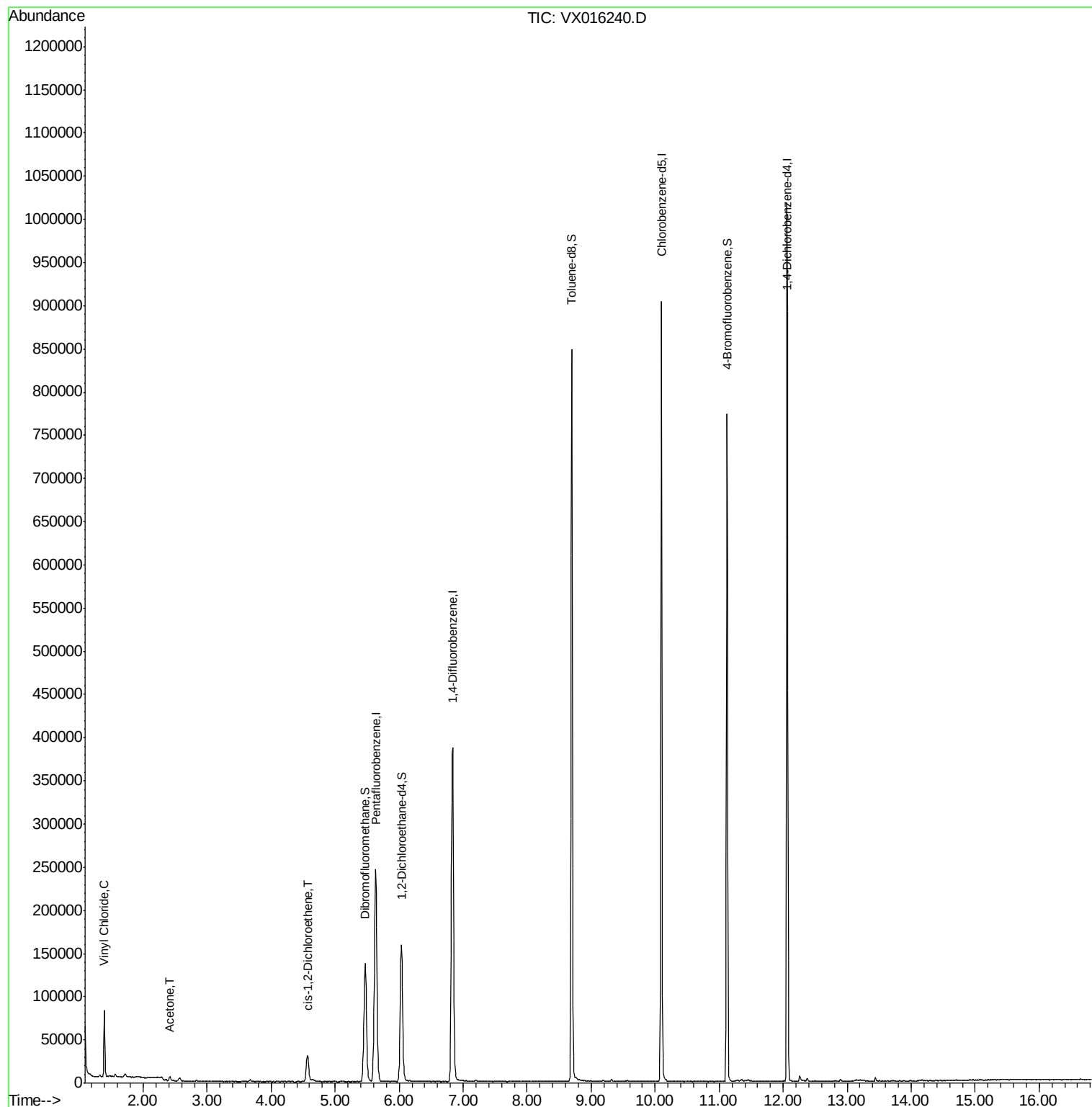
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	242249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	405991	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	403582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209302	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	148918	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.44%	
35) Dibromofluoromethane	5.47	113	120833	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	
50) Toluene-d8	8.70	98	505015	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
62) 4-Bromofluorobenzene	11.12	95	199645	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.92%	
Target Compounds						
4) Vinyl Chloride	1.39	62	44053	13.866	ug/l	100
16) Acetone	2.42	43	5345	3.758	ug/l	95
27) cis-1,2-Dichloroethene	4.57	96	20466	6.671	ug/l	86

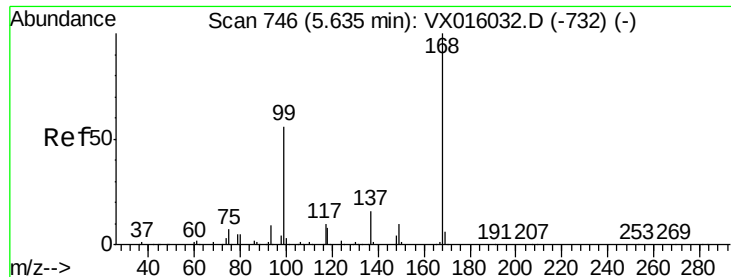
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 06 06:43:32 2020
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: VX016240.D

Acq: 14 May 2020 18:40

Instrument :

MSVOA_X

ClientSampleId :

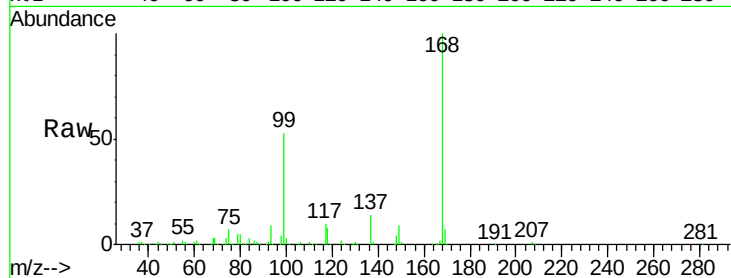
Z4-DUP-0556-200513

Tot Ion:168 Resp: 242249

Ion Ratio Lower Upper

168 100

99 53.0 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

100000

80000

60000

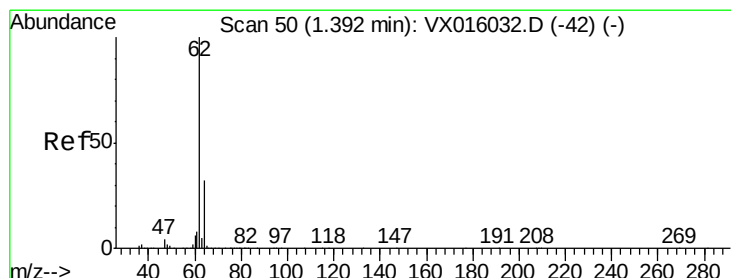
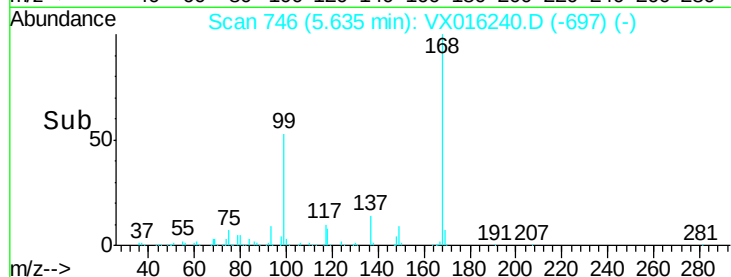
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 13.866 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016240.D

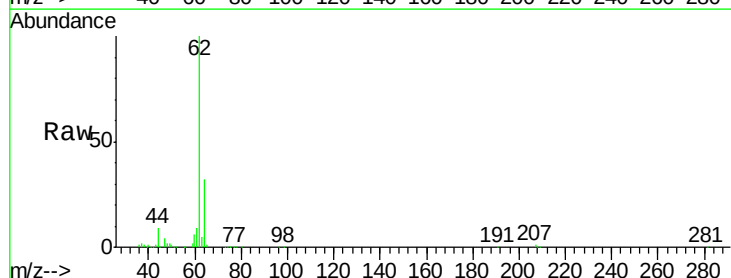
Acq: 14 May 2020 18:40

Tgt Ion: 62 Resp: 44053

Ion Ratio Lower Upper

62 100

64 32.3 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

50000

40000

30000

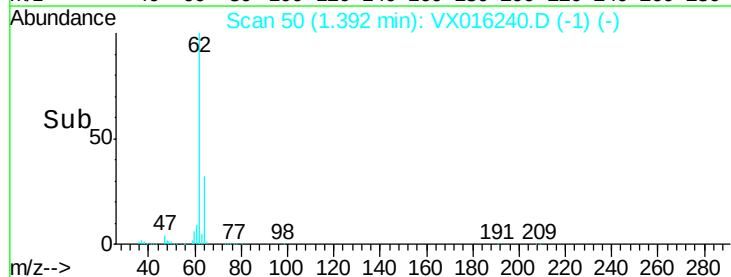
20000

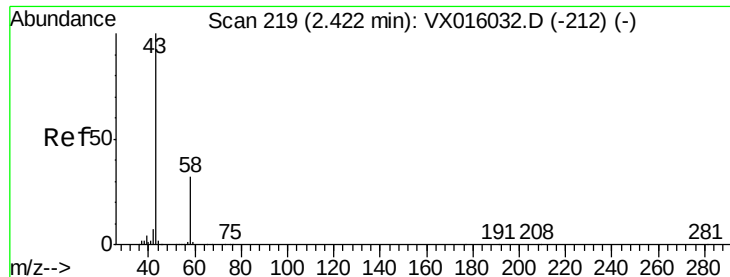
10000

0

Time-->

1.35 1.40 1.45





#16

Acetone

Concen: 3.758 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016240.D

Acq: 14 May 2020 18:40

Instrument :

MSVOA_X

ClientSampleId :

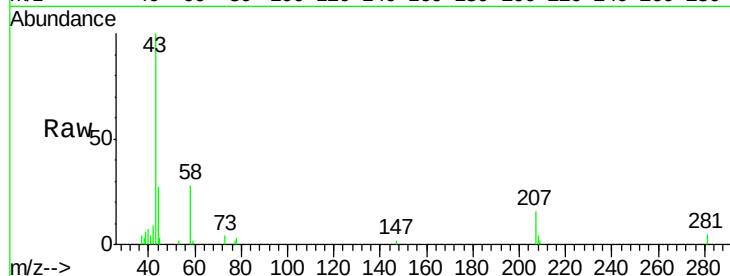
Z4-DUP-0556-200513

Tot Ion: 43 Resp: 5345

Ion Ratio Lower Upper

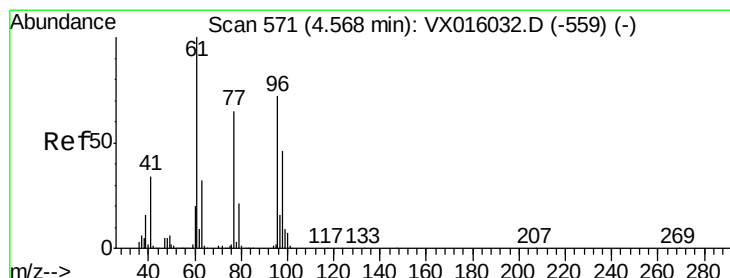
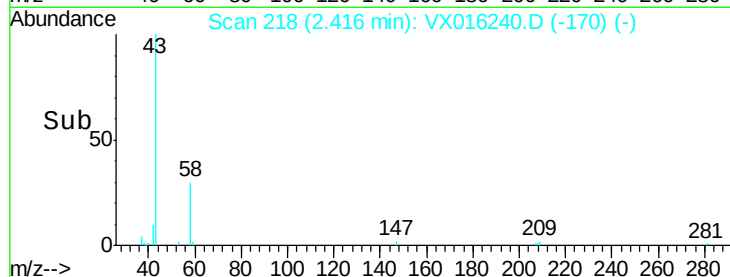
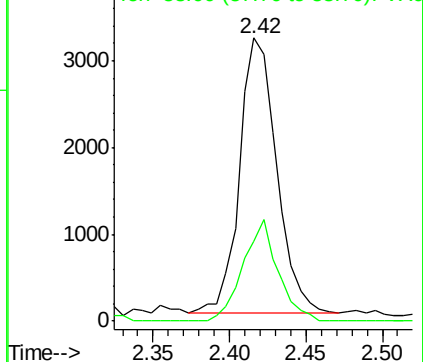
43 100

58 29.2 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: 6.671 ug/l

RT: 4.57 min Scan# 571

Delta R.T. -0.00 min

Lab File: VX016240.D

Acq: 14 May 2020 18:40

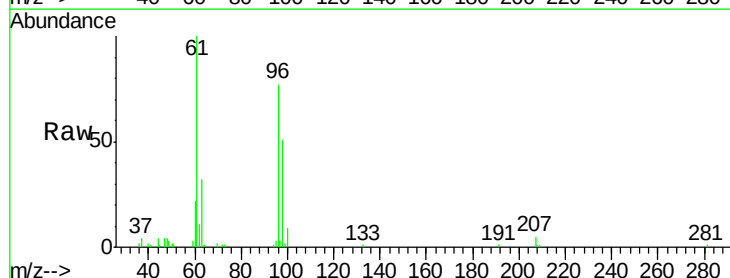
Tgt Ion: 96 Resp: 20466

Ion Ratio Lower Upper

96 100

61 124.4 0.0 296.2

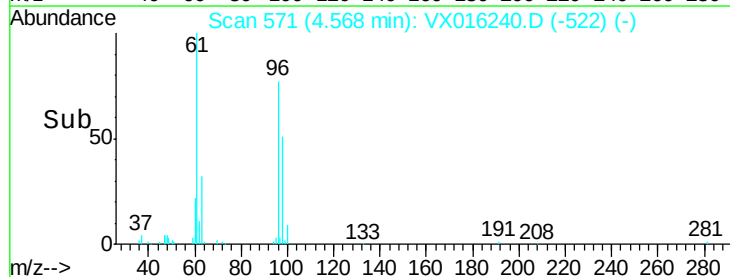
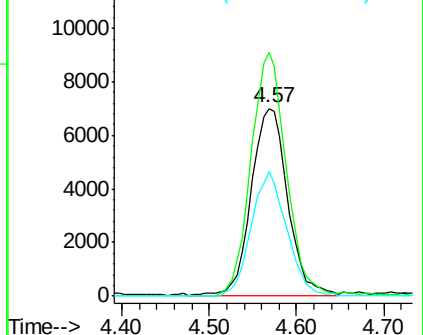
98 63.6 0.0 129.4

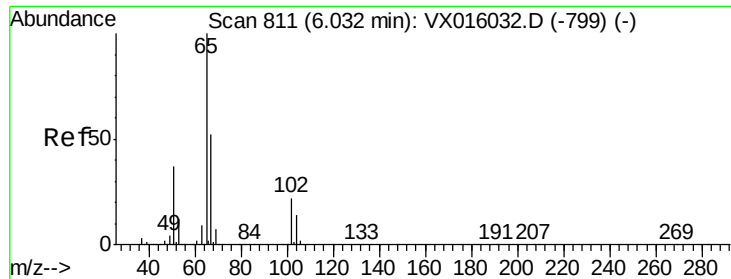


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

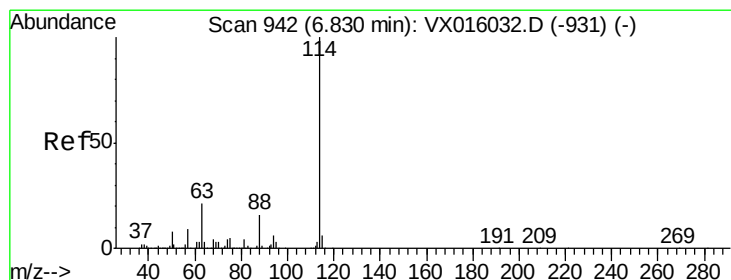
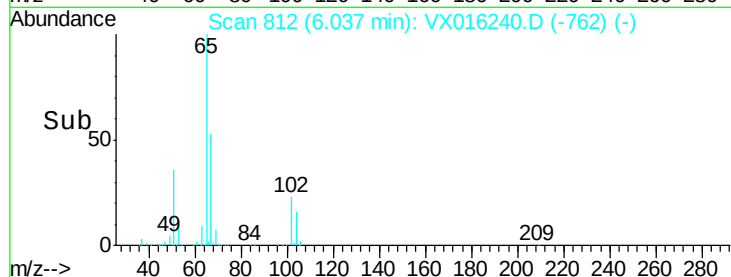
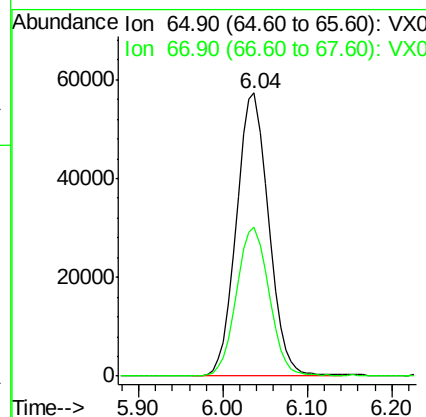
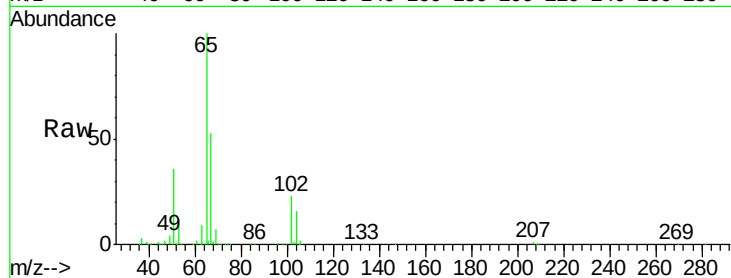




#33
 1,2-Dichloroethane-d4
 Concen: 46.716 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX016240.D
 Acq: 14 May 2020 18:40

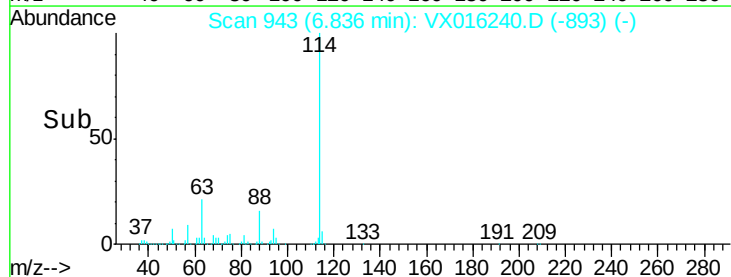
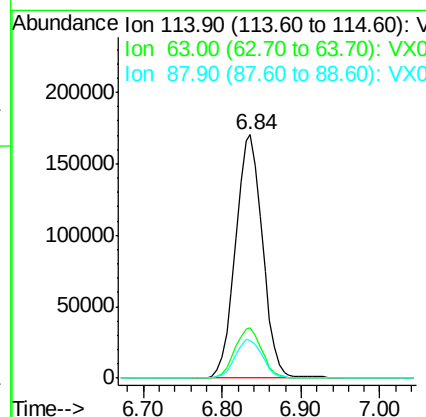
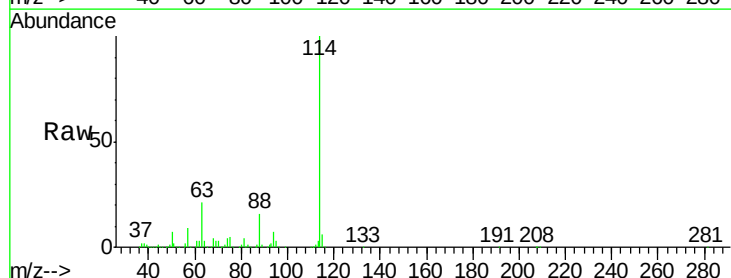
Instrument :
 MSVOA_X
 ClientSampleId :
 Z4-DUP-0556-200513

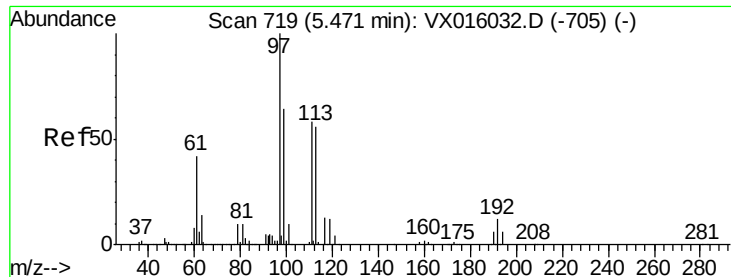
Tot Ion: 65 Resp: 148918
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016240.D
 Acq: 14 May 2020 18:40

Tgt Ion: 114 Resp: 405991
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.8
 88 15.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 46.978 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016240.D

Acq: 14 May 2020 18:40

Instrument :

MSVOA_X

ClientSampleId :

Z4-DUP-0556-200513

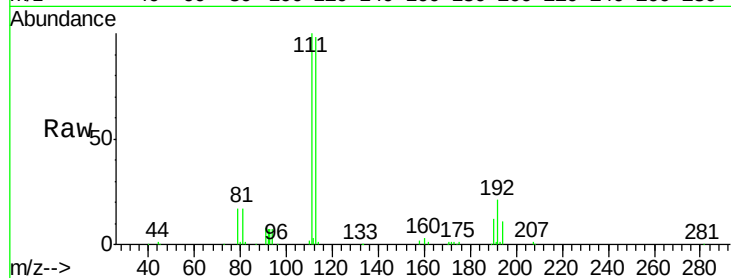
Tot Ion:113 Resp: 120833

Ion Ratio Lower Upper

113 100

111 102.1 81.6 122.4

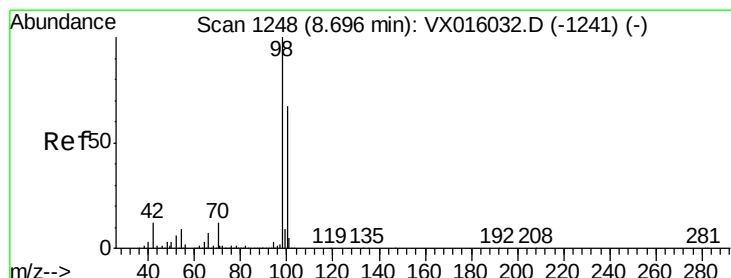
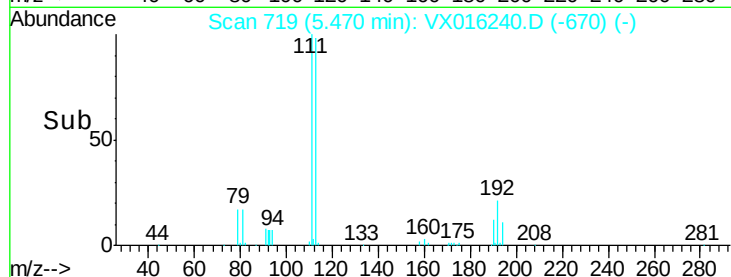
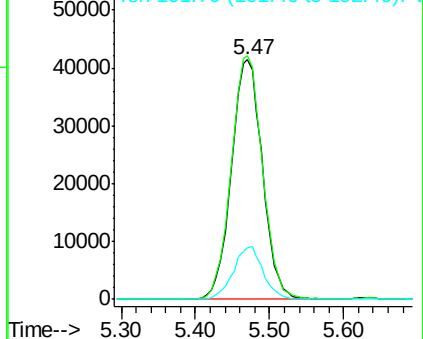
192 21.1 17.0 25.4



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



#50

Toluene-d8

Concen: 50.957 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016240.D

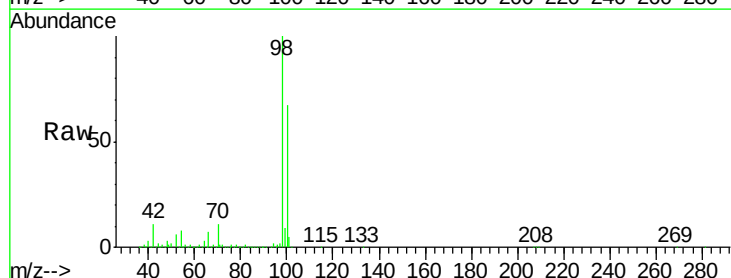
Acq: 14 May 2020 18:40

Tgt Ion: 98 Resp: 505015

Ion Ratio Lower Upper

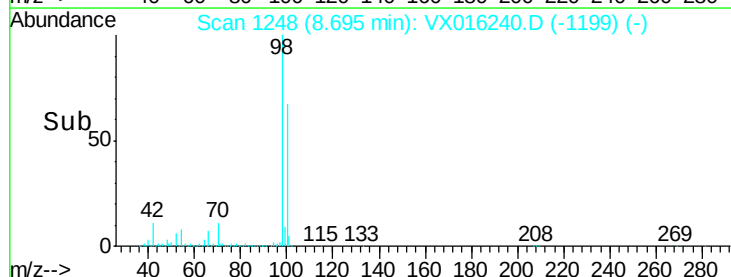
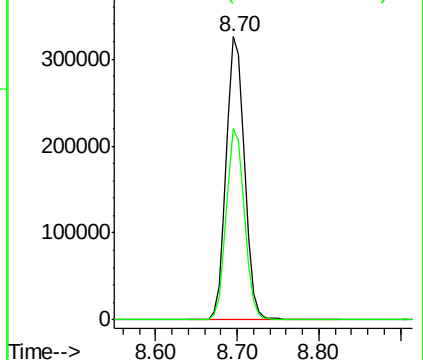
98 100

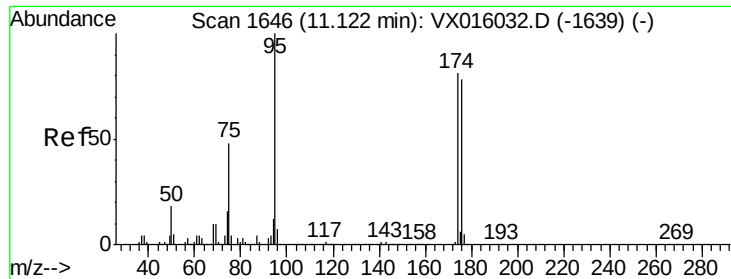
100 67.0 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX





#62

4-Bromofluorobenzene

Concen: 52.963 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016240.D

Acq: 14 May 2020 18:40

Instrument :

MSVOA_X

ClientSampleId :

Z4-DUP-0556-200513

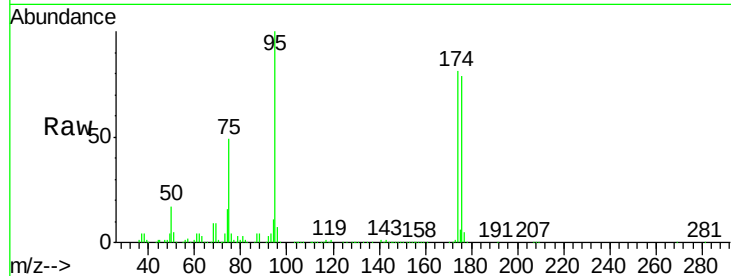
Tot Ion: 95 Resp: 199645

Ion Ratio Lower Upper

95 100

174 83.5 0.0 159.4

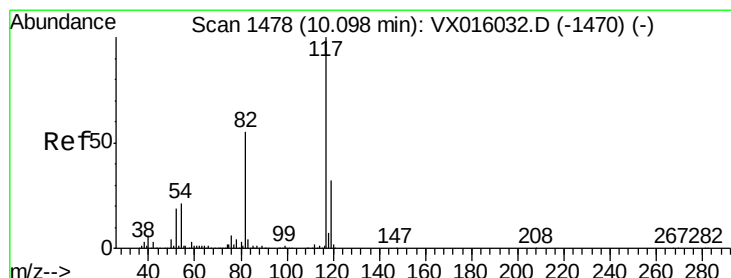
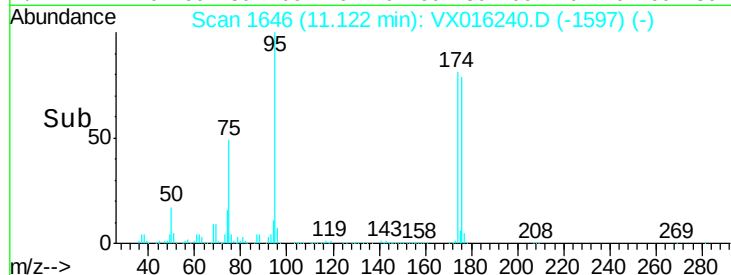
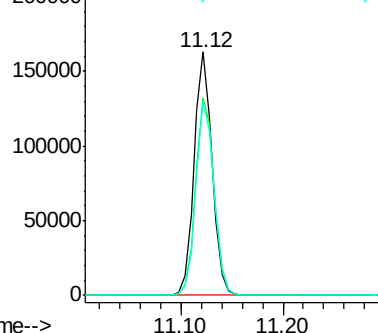
176 79.7 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016240.D

Acq: 14 May 2020 18:40

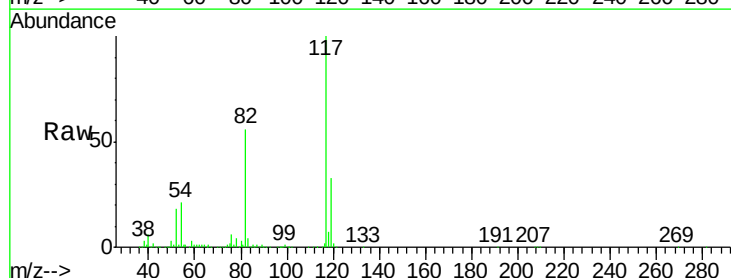
Tgt Ion: 117 Resp: 403582

Ion Ratio Lower Upper

117 100

82 56.3 44.4 66.6

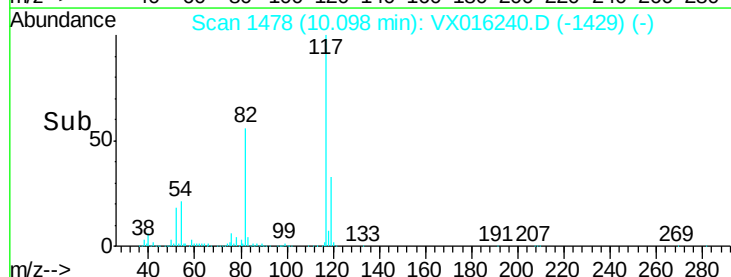
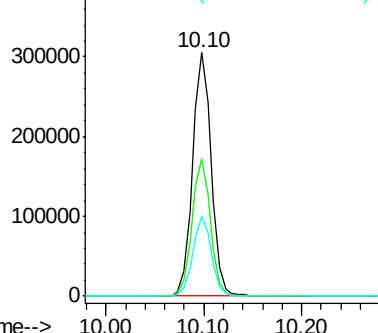
119 32.8 25.5 38.3

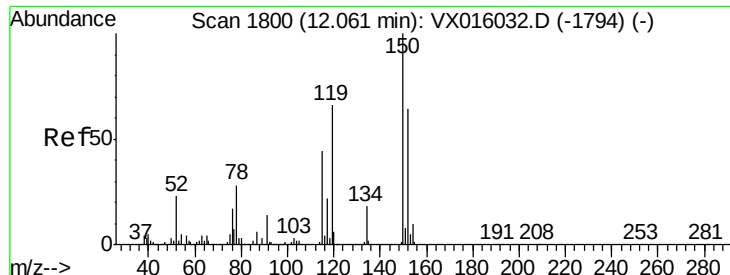


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016240.D

Acq: 14 May 2020 18:40

Instrument :

MSVOA_X

ClientSampleId :

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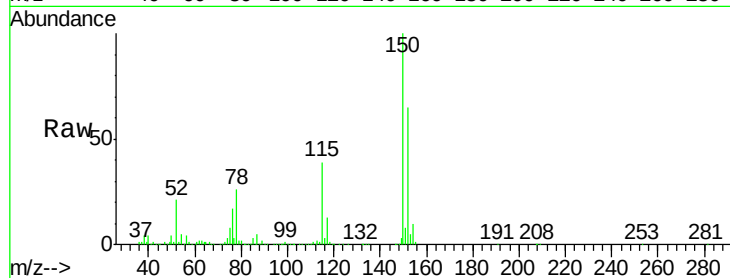
Tot Ion:152 Resp: 209302

Ion Ratio Lower Upper

152 100

115 59.1 41.3 124.1

150 155.1 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

