

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050120\
 Data File : VX016016.D
 Acq On : 01 May 2020 17:02
 Operator : JC/SP
 Sample : L2469-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW128D-20200428

Quant Time: May 02 07:54:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

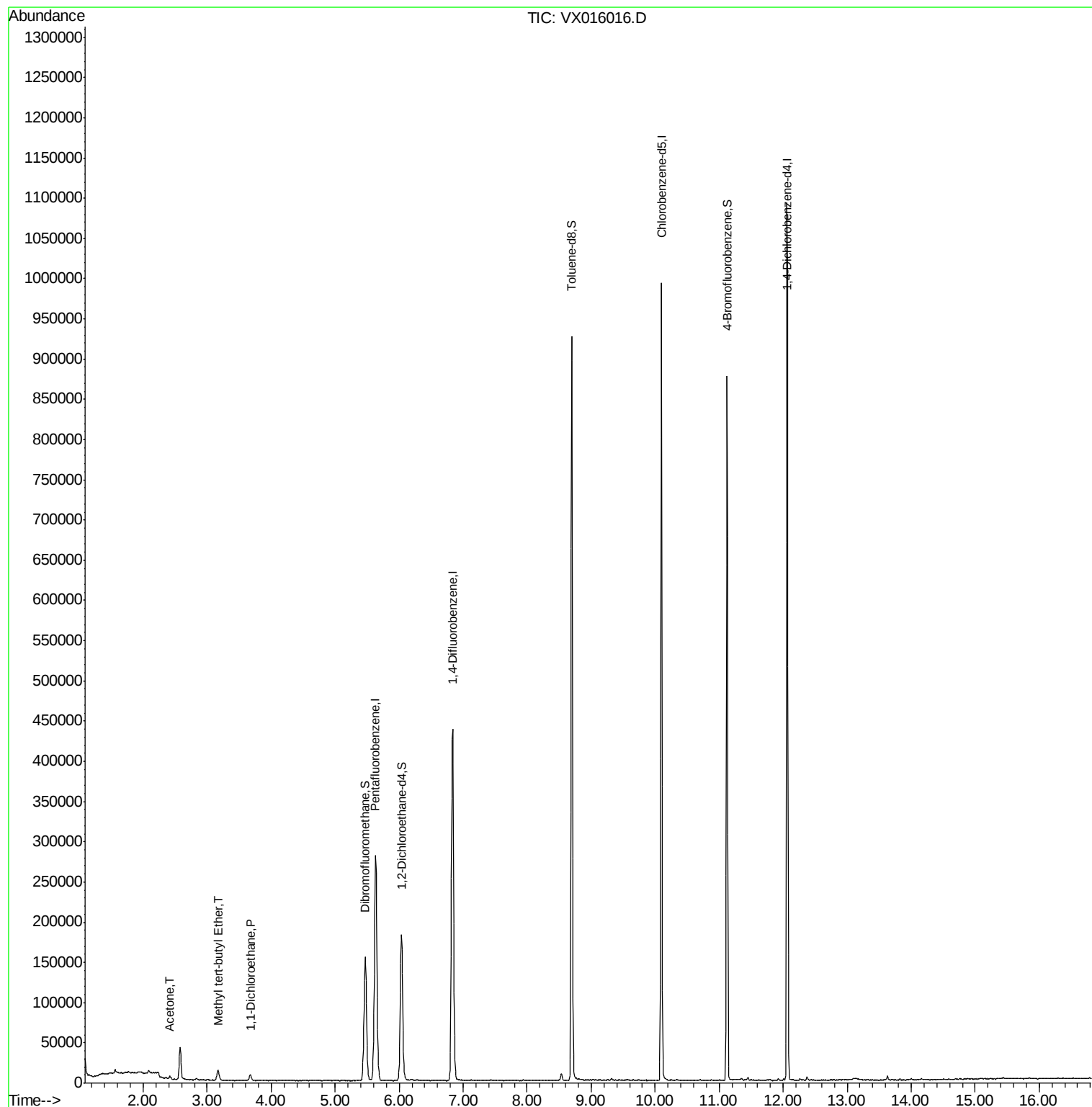
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	268405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	442798	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	433850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	219188	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	172665	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
35) Dibromofluoromethane	5.47	113	131134	47.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.94%	
50) Toluene-d8	8.70	98	545341	52.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.60%	
62) 4-Bromofluorobenzene	11.12	95	216137	53.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.72%	
Target Compounds						
16) Acetone	2.42	43	3223	2.148	ug/l	91
19) Methyl tert-butyl Ether	3.17	73	14098	1.518	ug/l	98
24) 1,1-Dichloroethane	3.67	63	7431	1.465	ug/l	96

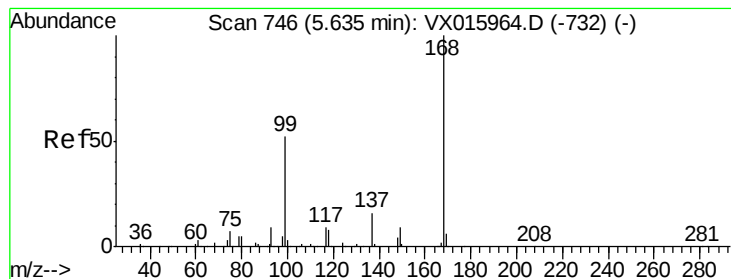
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 28 17:30:11 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: VX016016.D

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Instrument :

MSVOA_X

ClientSampleId :

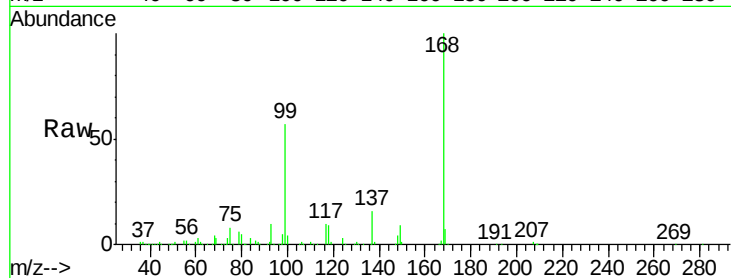
SA-MW128D-20200428

Tot Ion:168 Resp: 268405

Ion Ratio Lower Upper

168 100

99 57.1 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

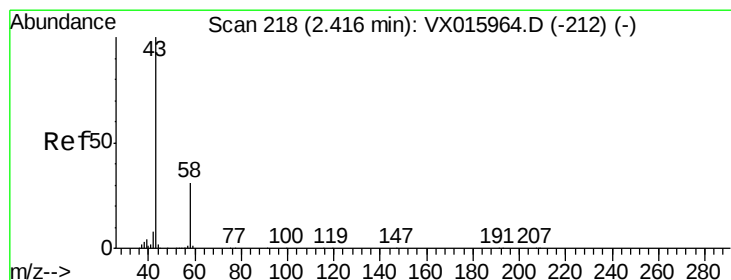
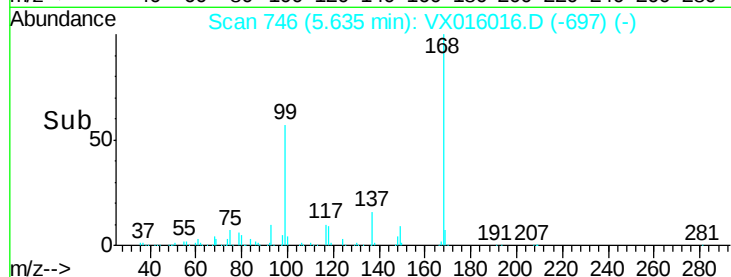
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 2.148 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016016.D

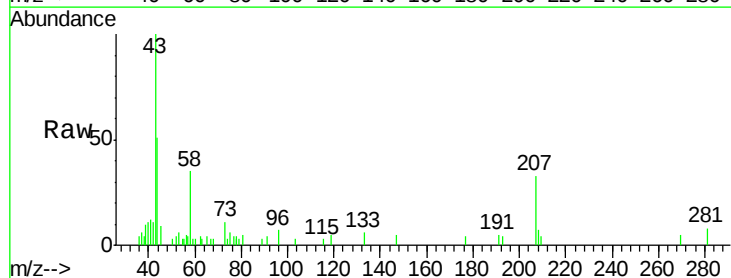
Acq: 01 May 2020 17:02

Tgt Ion: 43 Resp: 3223

Ion Ratio Lower Upper

43 100

58 36.6 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

2000

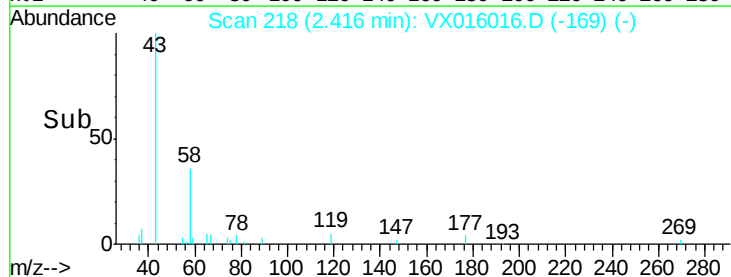
1500

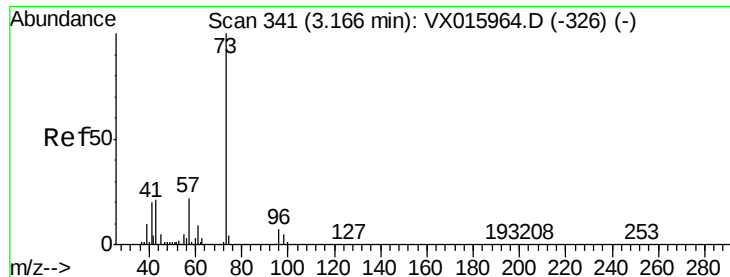
1000

500

0

Time-->



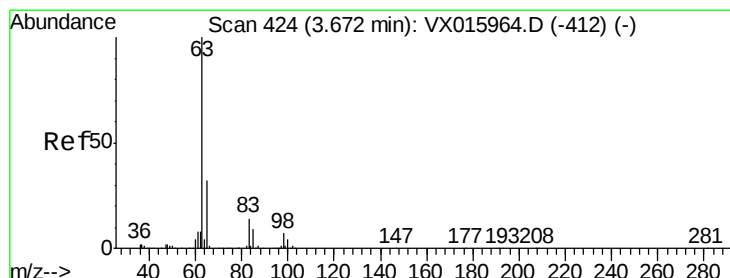
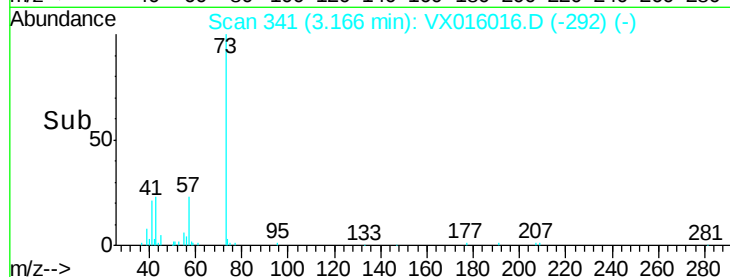
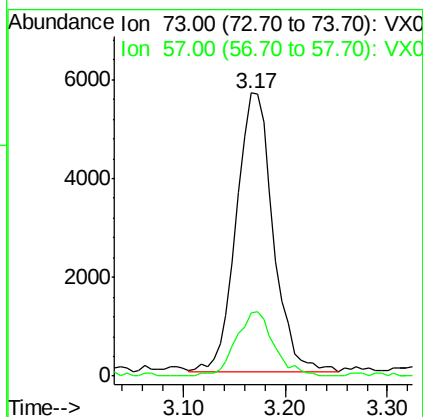
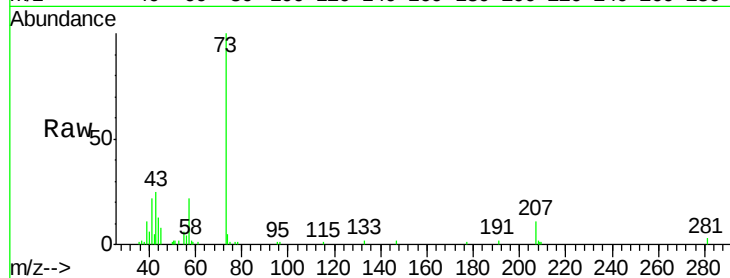


#19

Methyl tert-butyl Ether
Concen: 1.518 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016016.D
Acq: 01 May 2020 17:02

Instrument :
MSVOA_X
ClientSampleId :
SA-MW128D-20200428

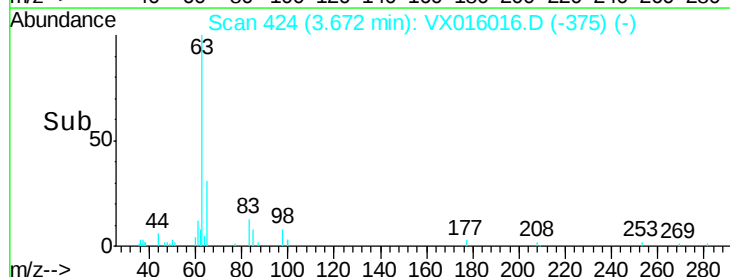
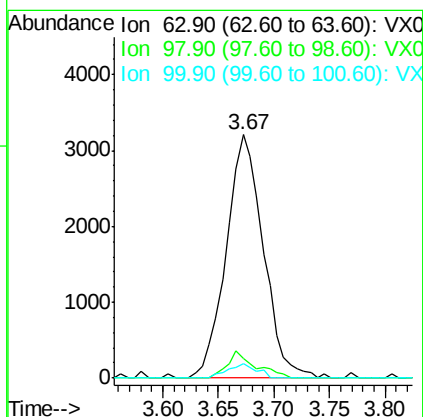
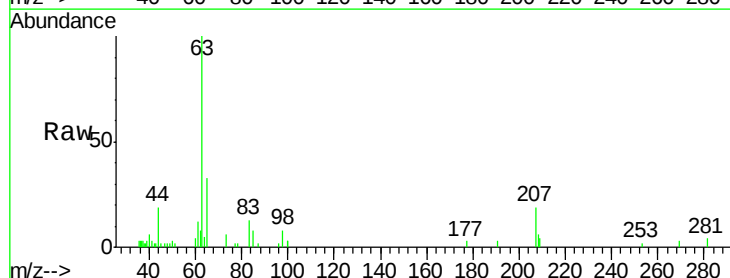
Tot Ion: 73 Resp: 14098
Ion Ratio Lower Upper
73 100
57 22.8 17.5 26.3

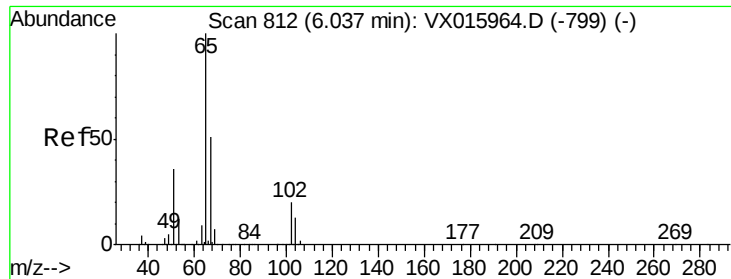


#24

1,1-Dichloroethane
Concen: 1.465 ug/l
RT: 3.67 min Scan# 424
Delta R.T. 0.00 min
Lab File: VX016016.D
Acq: 01 May 2020 17:02

Tgt Ion: 63 Resp: 7431
Ion Ratio Lower Upper
63 100
98 8.1 3.6 10.8
100 6.0 2.2 6.6





#33

1,2-Dichloroethane-d4

Concen: 49.202 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.00 min

Lab File: VX016016.D

Acq: 01 May 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

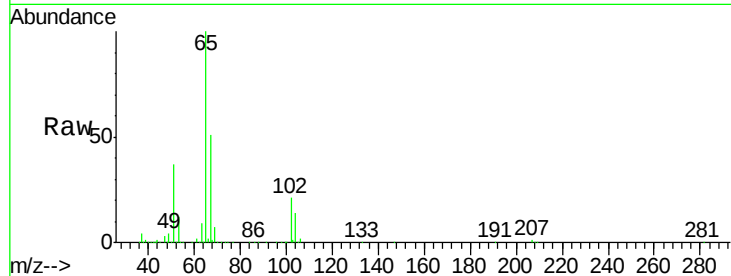
SA-MW128D-20200428

Tot Ion: 65 Resp: 172665

Ion Ratio Lower Upper

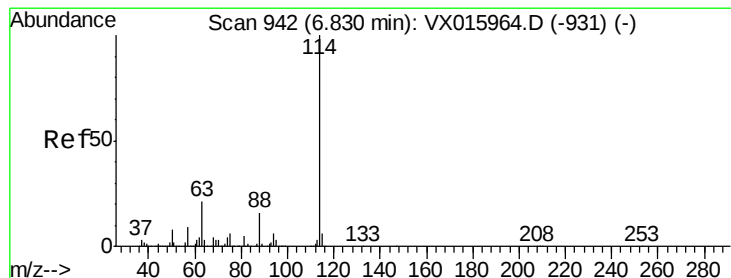
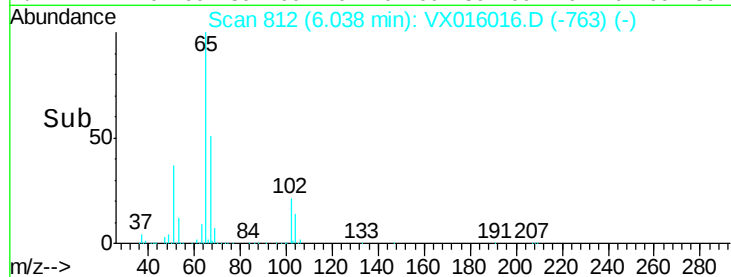
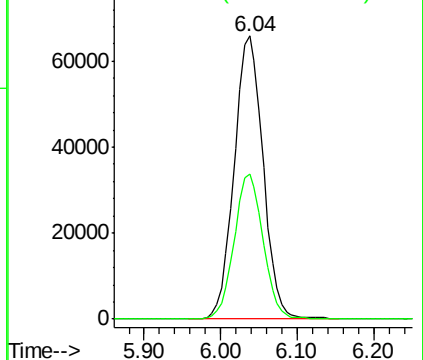
65 100

67 51.4 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016016.D

Acq: 01 May 2020 17:02

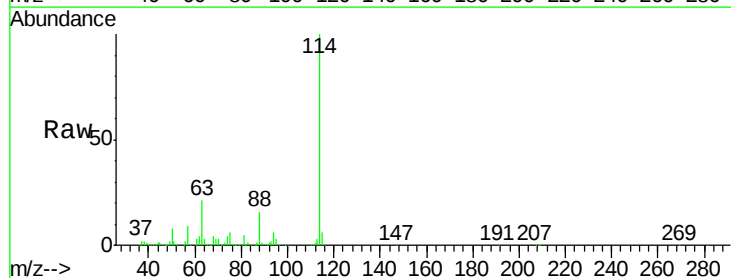
Tgt Ion: 114 Resp: 442798

Ion Ratio Lower Upper

114 100

63 21.1 0.0 41.2

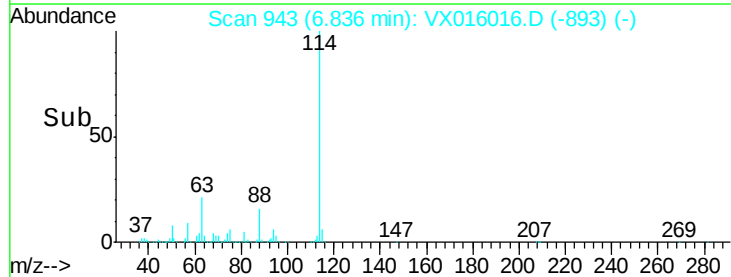
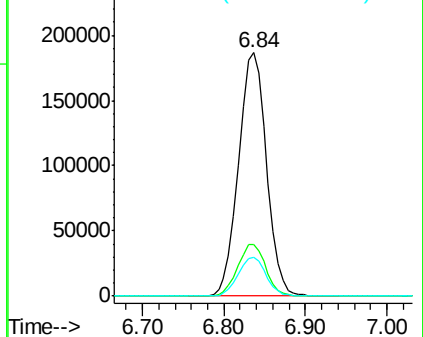
88 16.0 0.0 31.8

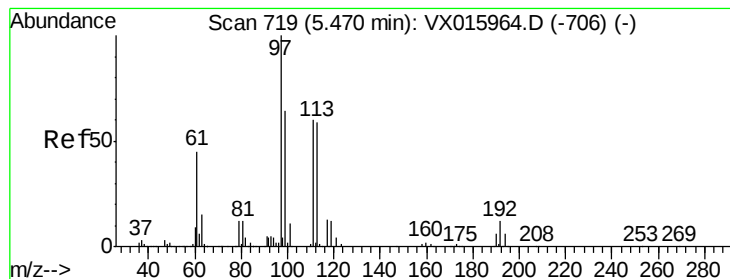


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.475 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX016016.D

Acq: 01 May 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

SA-MW128D-20200428

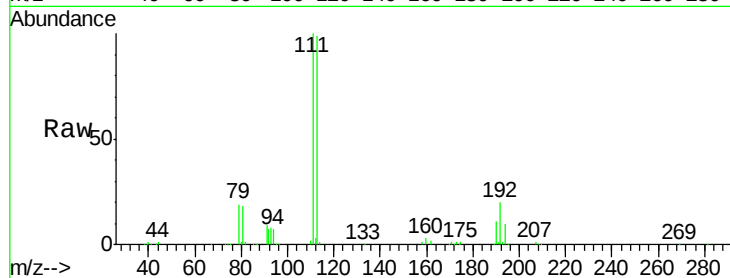
Tot Ion:113 Resp: 131134

Ion Ratio Lower Upper

113 100

111 102.0 81.8 122.8

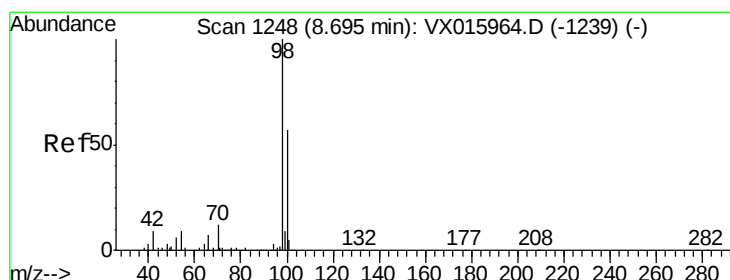
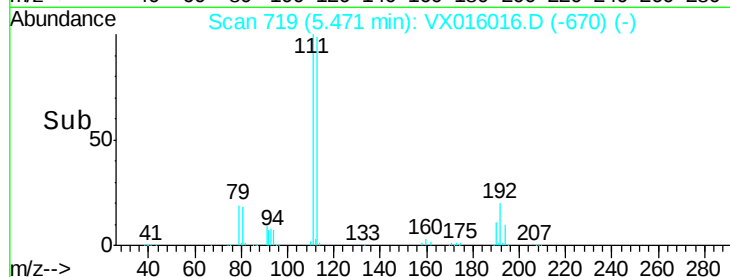
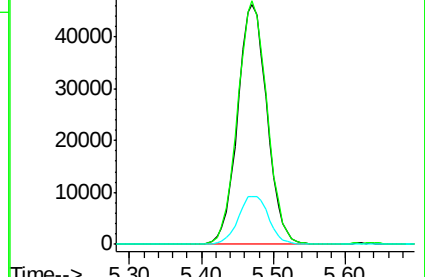
192 20.7 16.8 25.2



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: 52.804 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016016.D

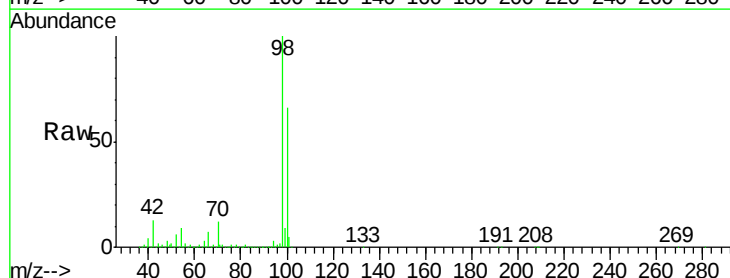
Acq: 01 May 2020 17:02

Tgt Ion: 98 Resp: 545341

Ion Ratio Lower Upper

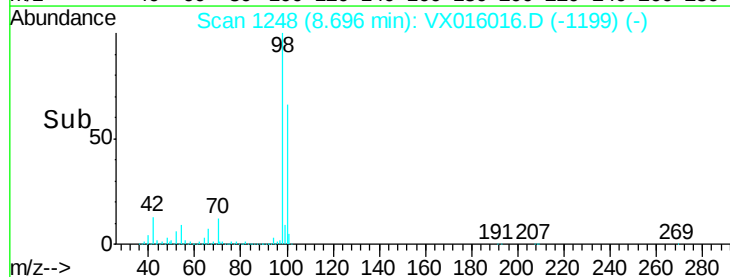
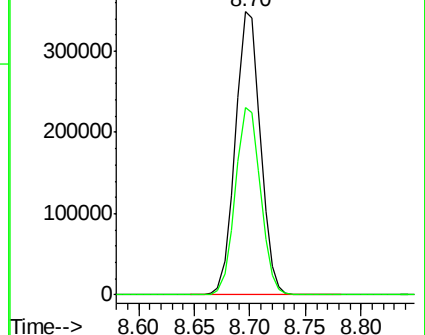
98 100

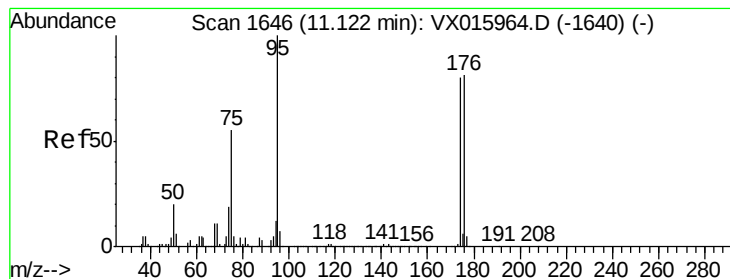
100 66.3 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.359 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016016.D

Acq: 01 May 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

SA-MW128D-20200428

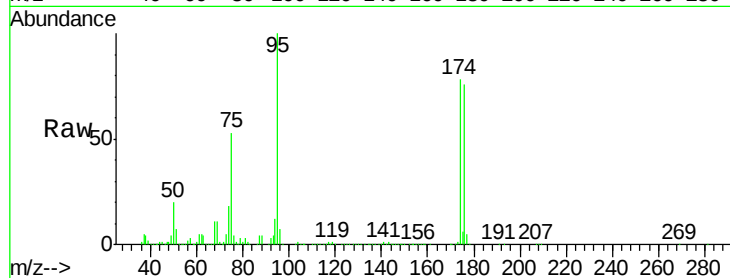
Tot Ion: 95 Resp: 216137

Ion Ratio Lower Upper

95 100

174 80.3 0.0 165.0

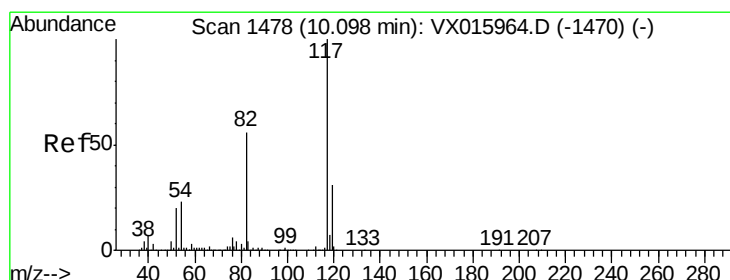
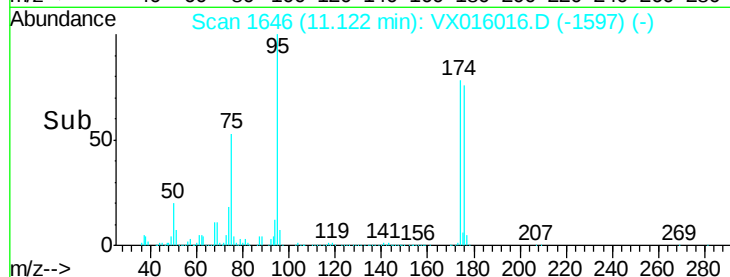
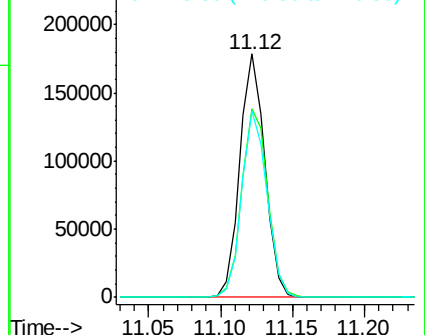
176 77.1 0.0 163.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX016016.D

Acq: 01 May 2020 17:02

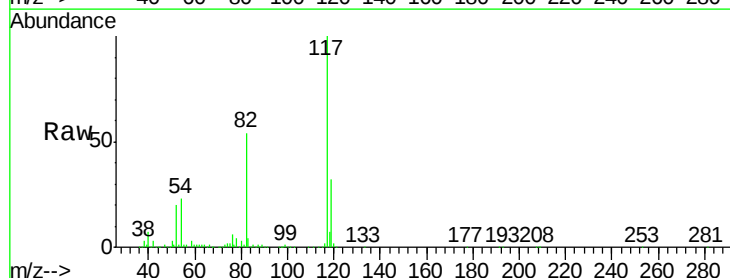
Tgt Ion: 117 Resp: 433850

Ion Ratio Lower Upper

117 100

82 54.2 44.5 66.7

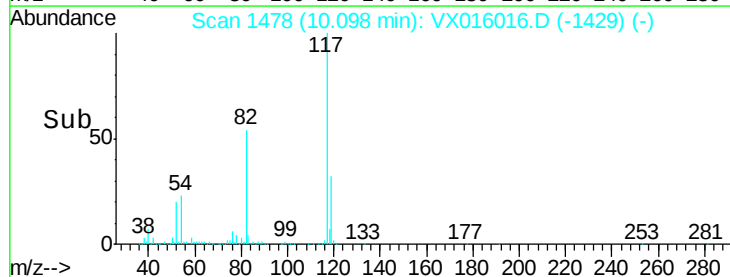
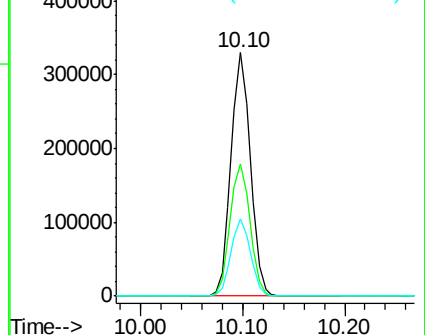
119 31.8 25.0 37.6

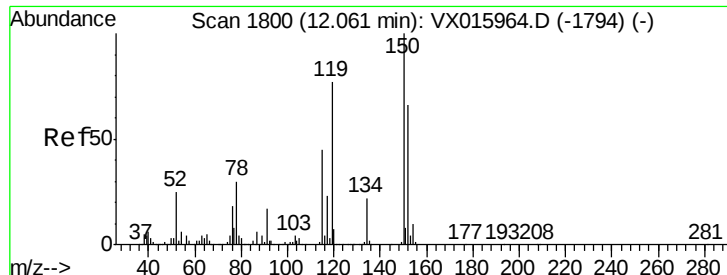


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): 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: VX016016.D

Acq: 01 May 2020 17:02

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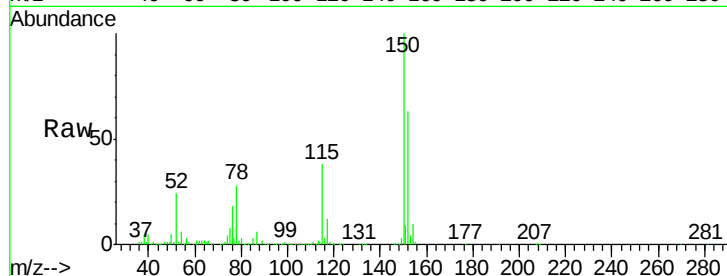
Tot Ion:152 Resp: 219188

Ion Ratio Lower Upper

152 100

115 58.9 40.9 122.7

150 154.5 0.0 342.4



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

