

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050520\
 Data File : VX016065.D
 Acq On : 05 May 2020 15:43
 Operator : JC/SP
 Sample : L2469-25
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-DUP01-20200428

Quant Time: May 06 09:16:40 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

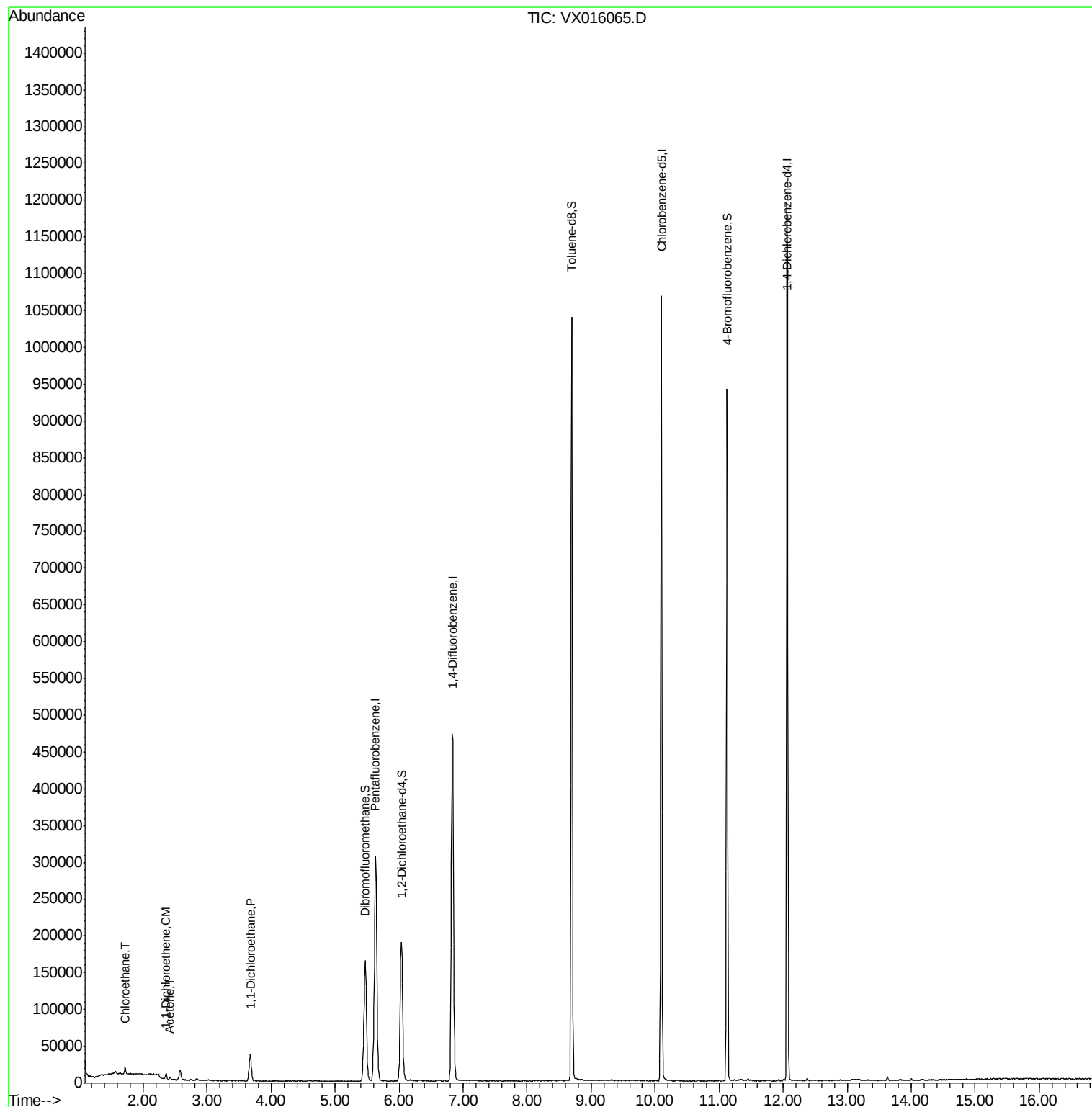
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	295571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	480462	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	474281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	247417	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	183270	47.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.24%	
35) Dibromofluoromethane	5.47	113	141128	46.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.72%	
50) Toluene-d8	8.70	98	595892	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
62) 4-Bromofluorobenzene	11.12	95	239299	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.28%	
Target Compounds						
6) Chloroethane	1.72	64	5521	2.341	ug/l	97
12) 1,1-Dichloroethene	2.36	96	2755	0.897	ug/l	97
16) Acetone	2.42	43	2846	1.640	ug/l	91
24) 1,1-Dichloroethane	3.67	63	40771	6.858	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

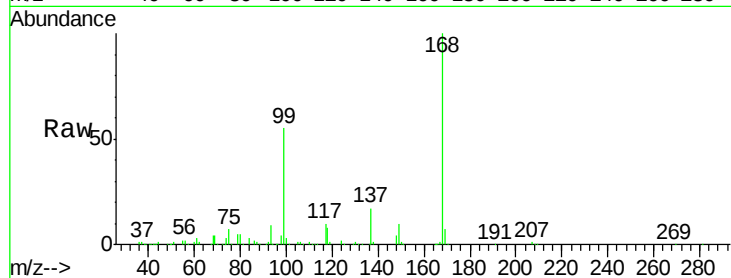
SA-DUP01-20200428

Tot Ion:168 Resp: 295571

Ion Ratio Lower Upper

168 100

99 55.4 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

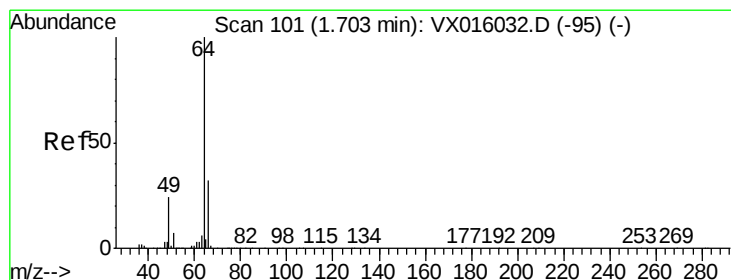
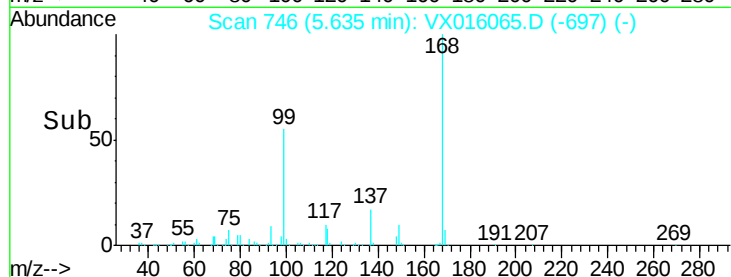
60000

40000

20000

0

Time--> 5.50 5.60 5.70



#6

Chloroethane

Concen: 2.341 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016065.D

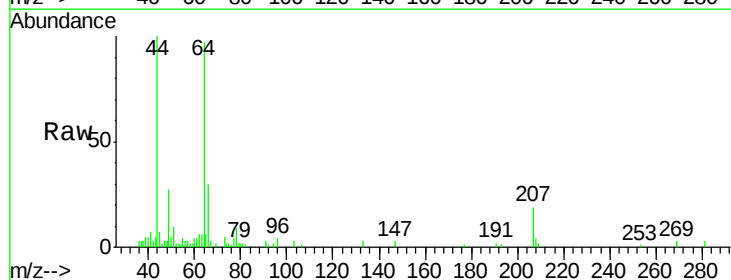
Acq: 05 May 2020 15:43

Tgt Ion: 64 Resp: 5521

Ion Ratio Lower Upper

64 100

66 29.7 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

5000

4000

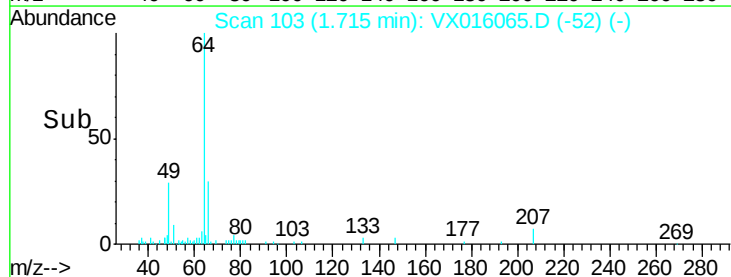
3000

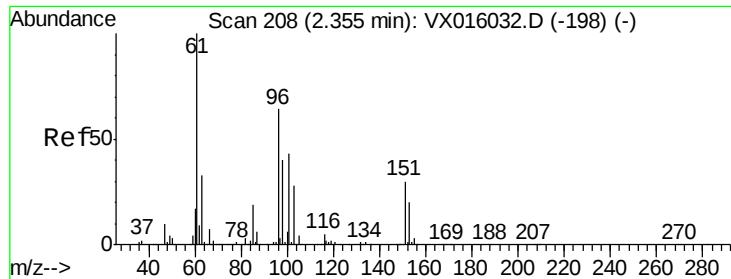
2000

1000

0

Time--> 1.65 1.70 1.75 1.80





#12

1,1-Dichloroethene

Concen: 0.897 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX016065.D

Acq: 05 May 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

SA-DUP01-20200428

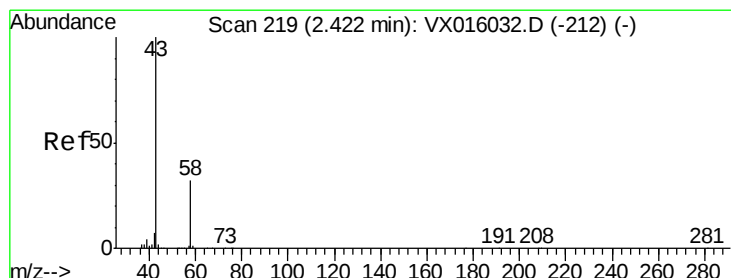
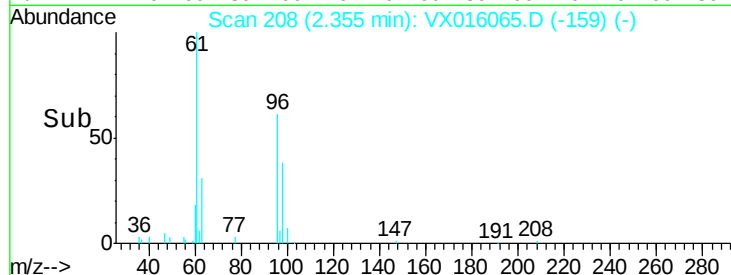
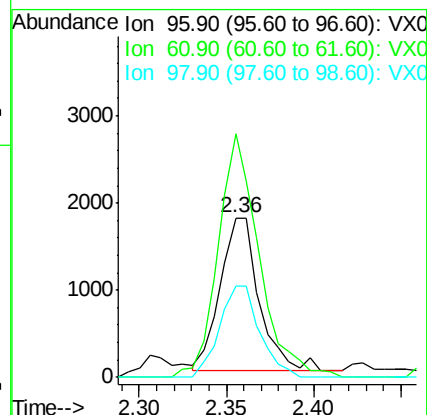
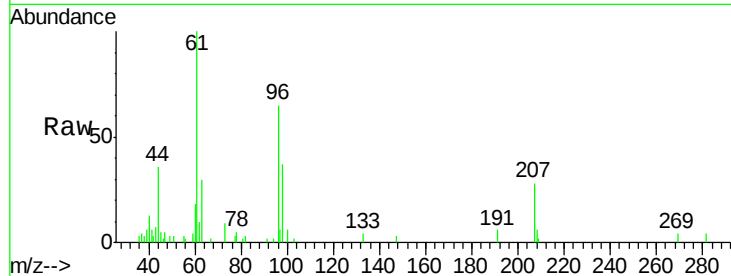
Tot Ion: 96 Resp: 2755

Ion Ratio Lower Upper

96 100

61 159.1 124.8 187.2

98 59.3 49.7 74.5



#16

Acetone

Concen: 1.640 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016065.D

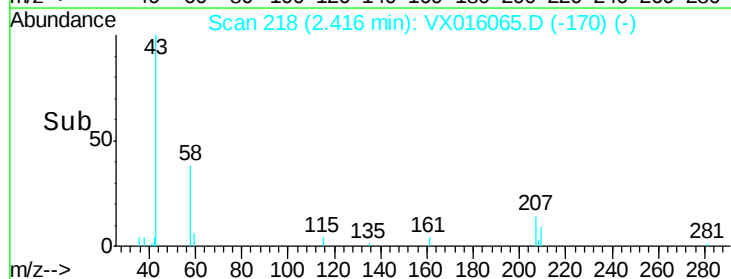
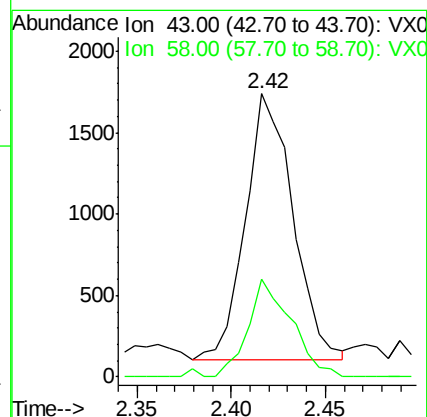
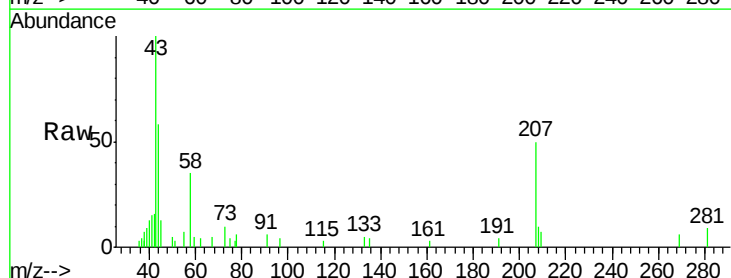
Acq: 05 May 2020 15:43

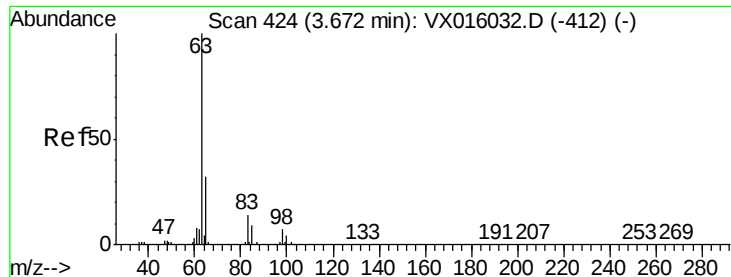
Tgt Ion: 43 Resp: 2846

Ion Ratio Lower Upper

43 100

58 36.9 25.4 38.0





#24

1,1-Dichloroethane

Concen: 6.858 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016065.D

Acq: 05 May 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

SA-DUP01-20200428

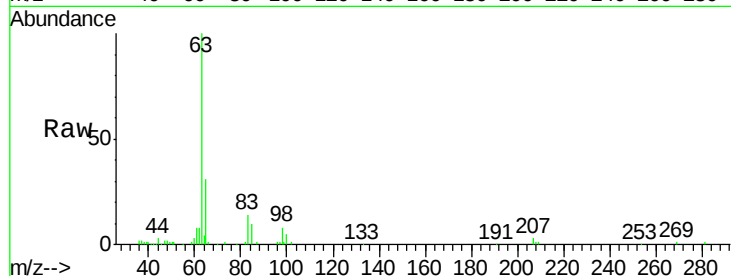
Tot Ion: 63 Resp: 40771

Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.5

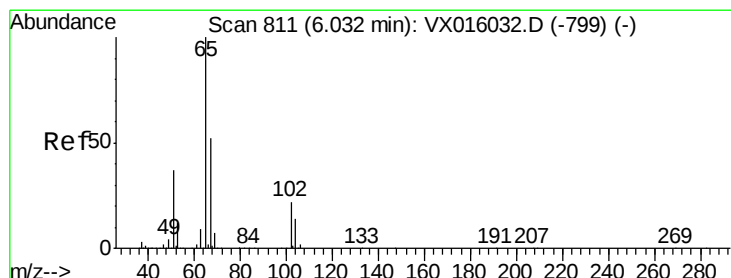
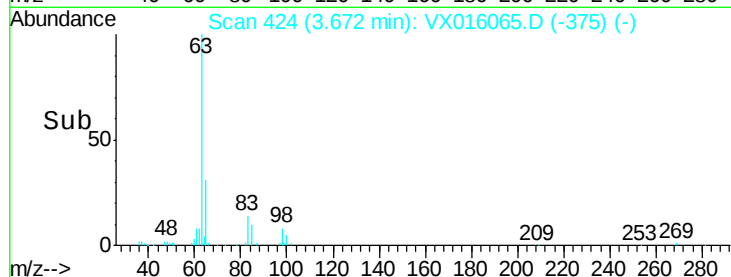
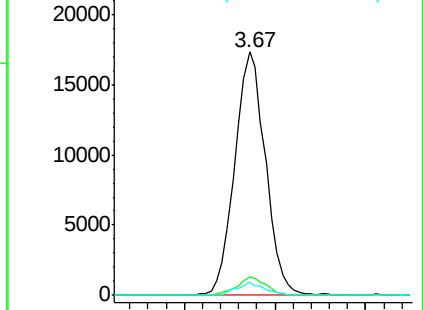
100 5.3 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.120 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016065.D

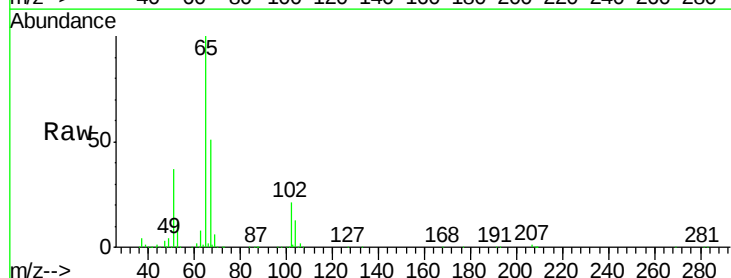
Acq: 05 May 2020 15:43

Tgt Ion: 65 Resp: 183270

Ion Ratio Lower Upper

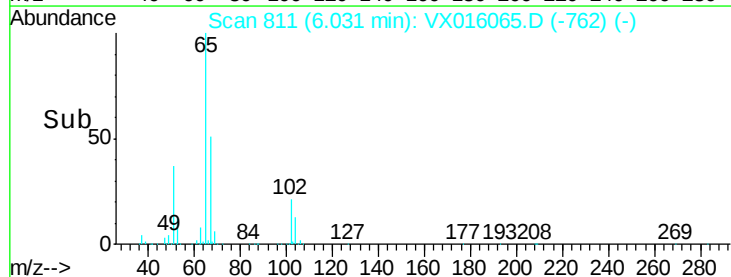
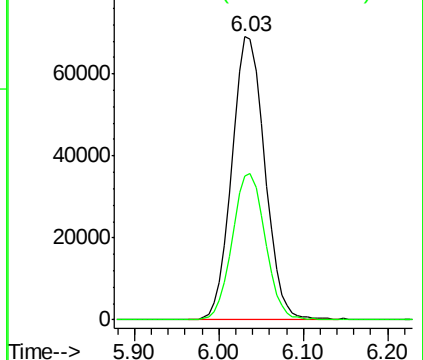
65 100

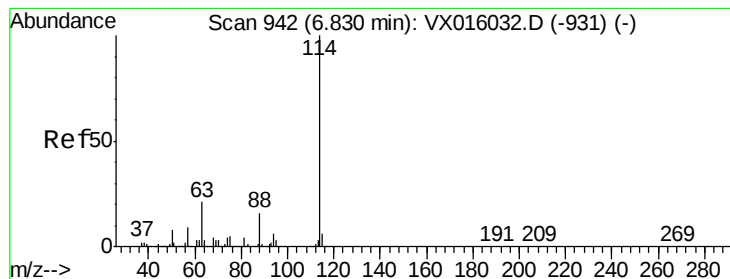
67 51.7 0.0 104.8



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: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016065.D

Acq: 05 May 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

SA-DUP01-20200428

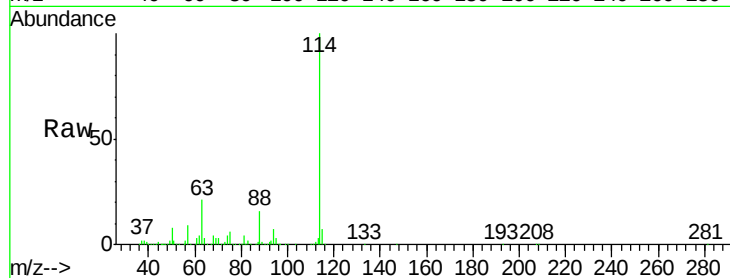
Tot Ion:114 Resp: 480462

Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.8

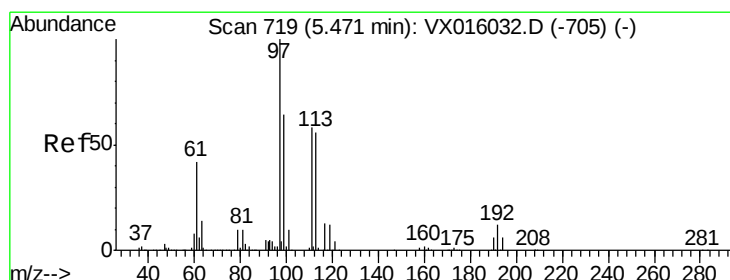
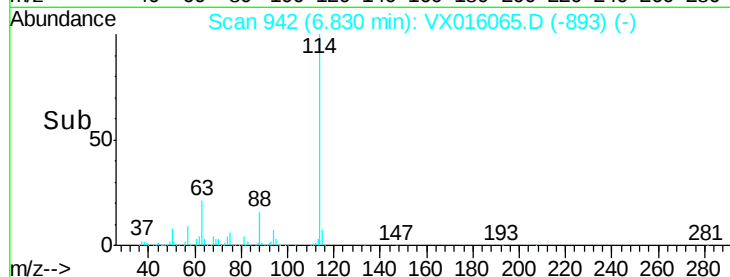
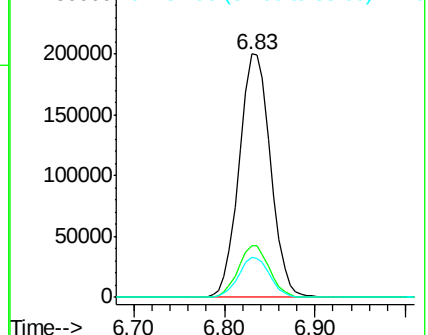
88 16.5 0.0 31.4



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: 46.364 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016065.D

Acq: 05 May 2020 15:43

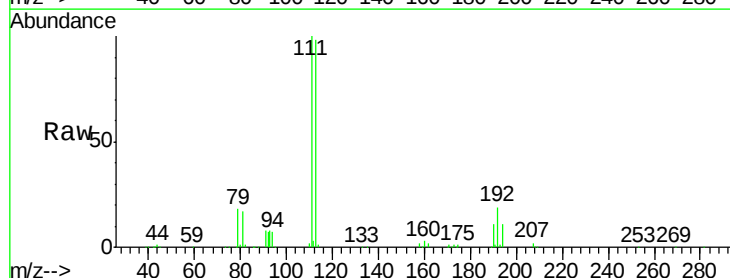
Tgt Ion:113 Resp: 141128

Ion Ratio Lower Upper

113 100

111 103.4 81.6 122.4

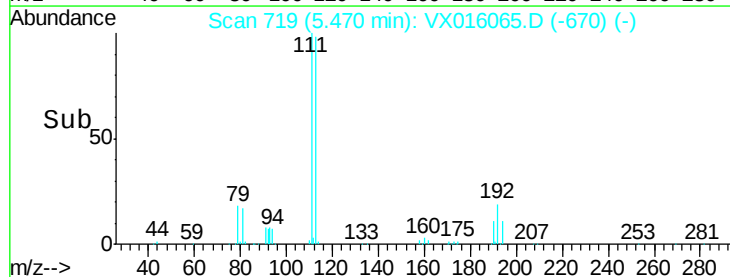
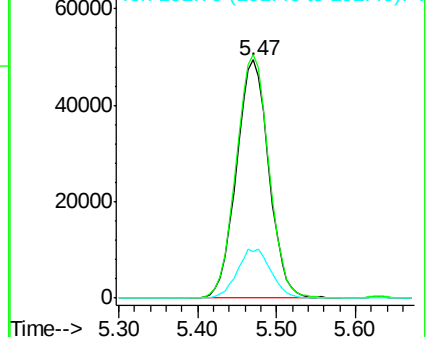
192 21.4 17.0 25.4

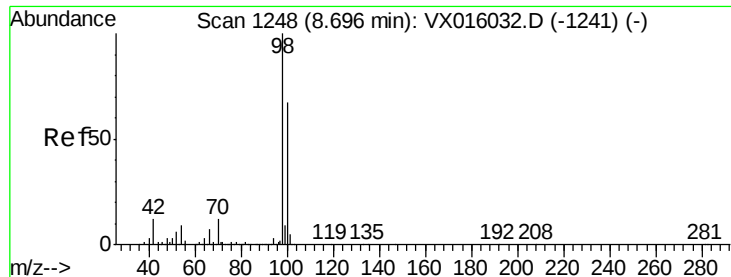


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.807 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016065.D

Acq: 05 May 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

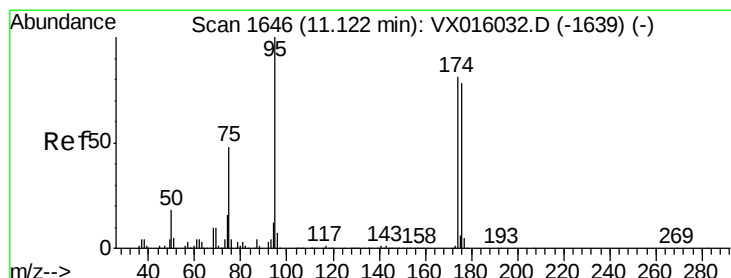
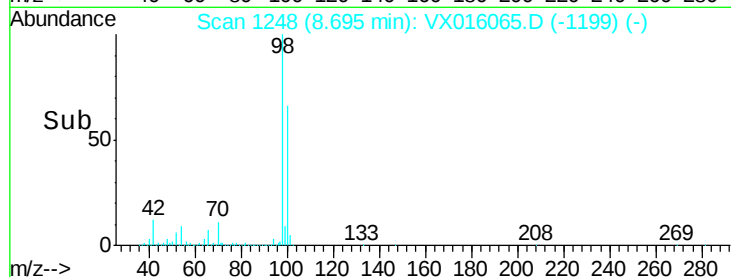
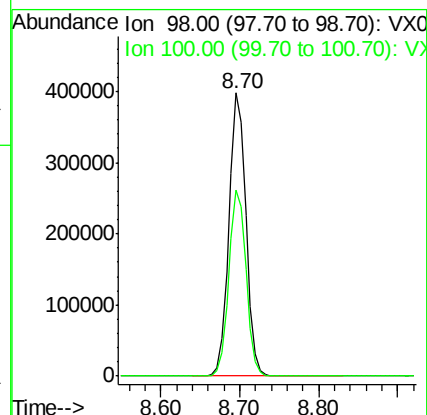
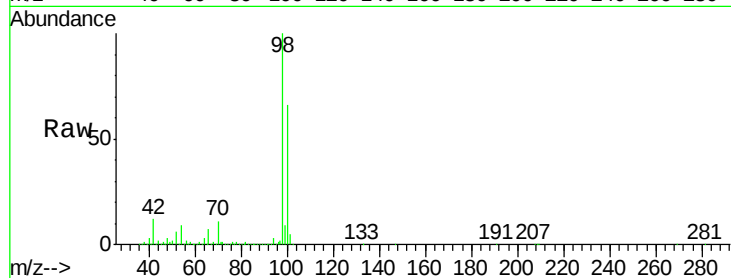
SA-DUP01-20200428

Tot Ion: 98 Resp: 595892

Ion Ratio Lower Upper

98 100

100 66.8 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 53.643 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016065.D

Acq: 05 May 2020 15:43

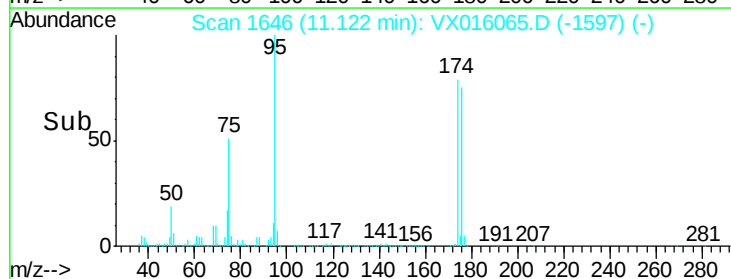
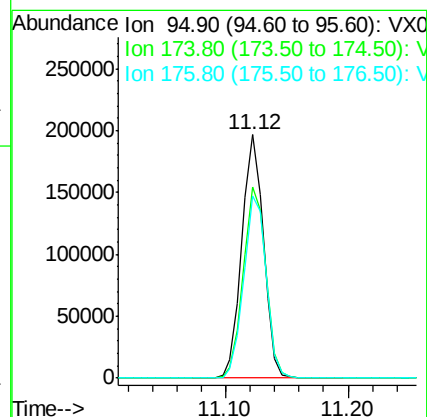
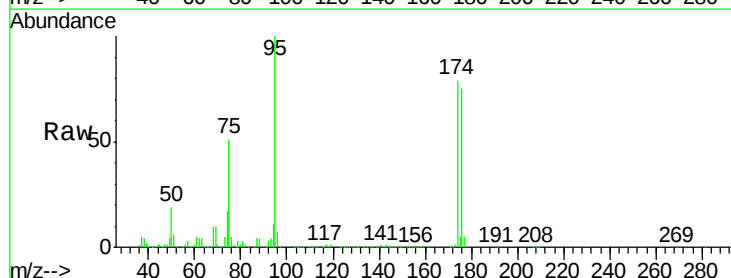
Tgt Ion: 95 Resp: 239299

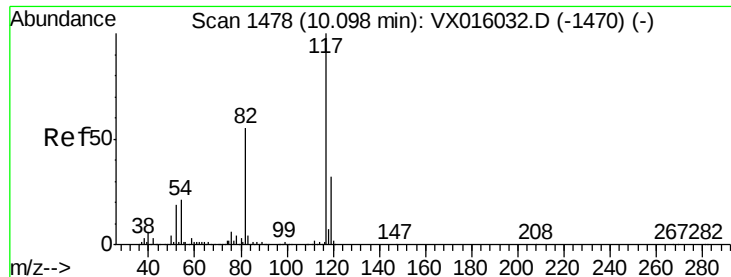
Ion Ratio Lower Upper

95 100

174 81.8 0.0 159.4

176 77.8 0.0 157.6

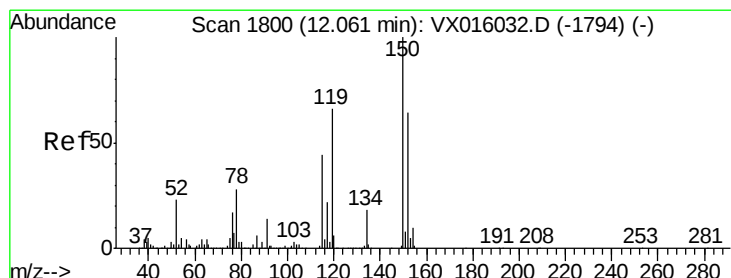
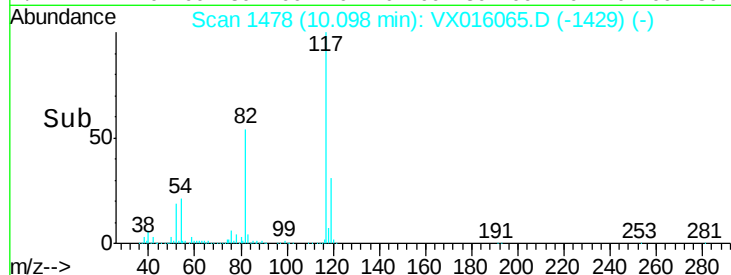
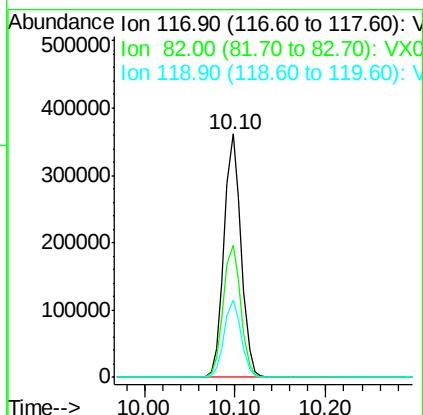
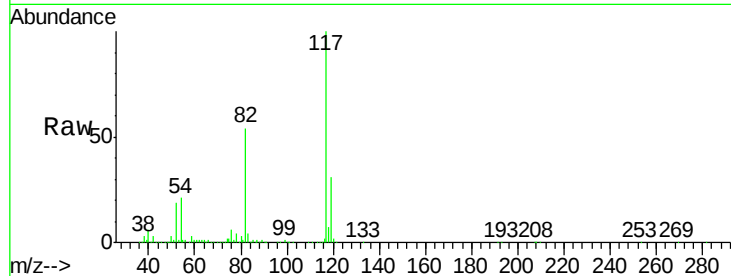




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016065.D
Acq: 05 May 2020 15:43

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP01-20200428

Tot Ion:117 Resp: 474281
Ion Ratio Lower Upper
117 100
82 54.3 44.4 66.6
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016065.D
Acq: 05 May 2020 15:43

Tgt Ion:152 Resp: 247417
Ion Ratio Lower Upper
152 100
115 59.0 41.3 124.1
150 156.4 0.0 352.2

