

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050420\
 Data File : VX016042.D
 Acq On : 04 May 2020 17:53
 Operator : JC/SP
 Sample : L2469-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ118S-20200429

Quant Time: May 05 08:13:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:11:41 2020
 Response via : Initial Calibration

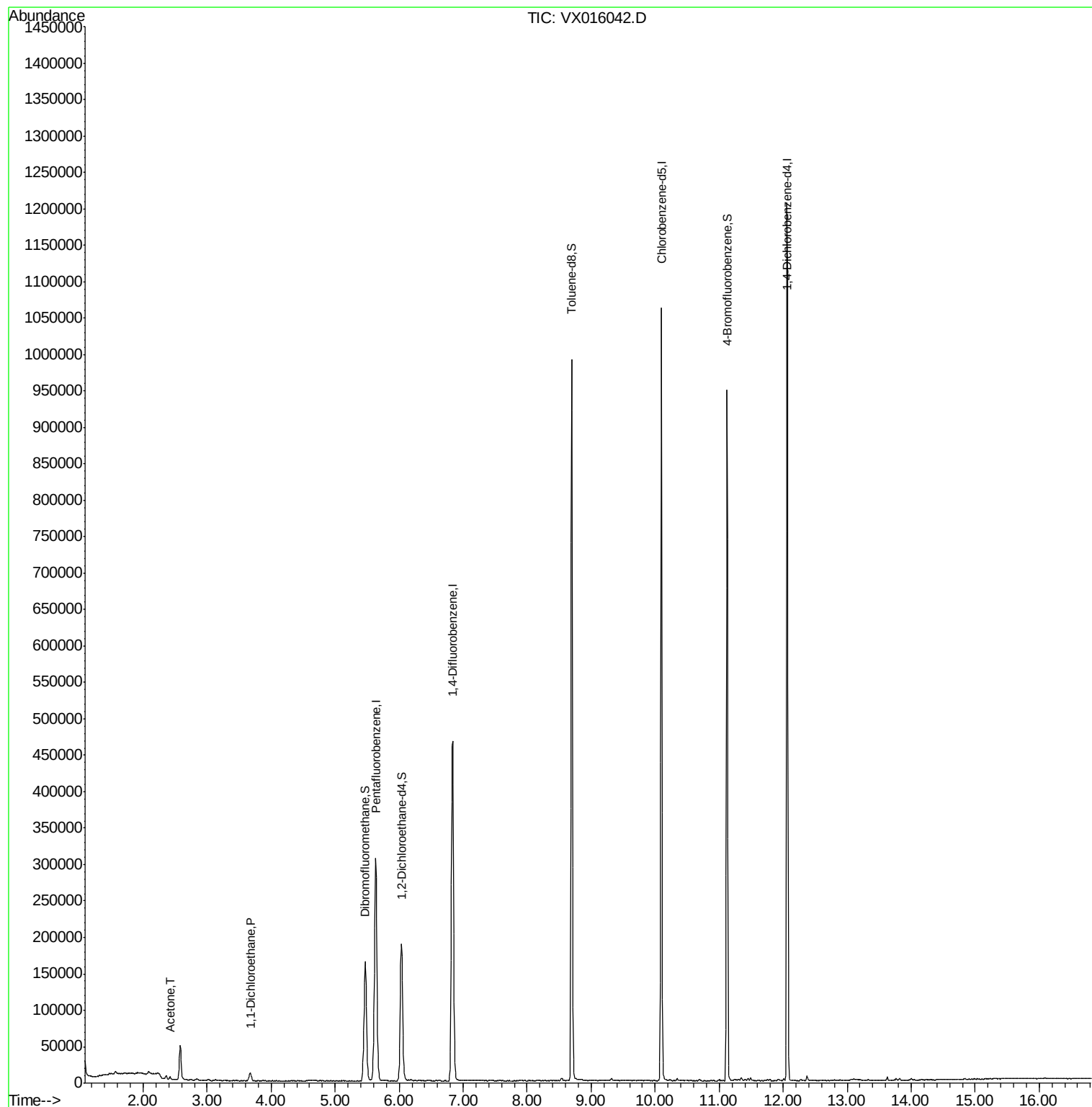
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	293544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	472628	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	465687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	244323	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	181686	47.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.08%	
35) Dibromofluoromethane	5.47	113	139150	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.94%	
50) Toluene-d8	8.70	98	582270	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
62) 4-Bromofluorobenzene	11.12	95	237300	54.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.16%	
Target Compounds						
16) Acetone	2.42	43	3435	1.993	ug/l	95
24) 1,1-Dichloroethane	3.68	63	12322	2.087	ug/l	97

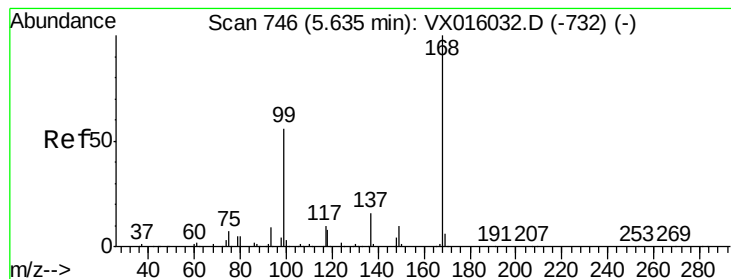
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 05 07:11:41 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: VX016042.D

Acq: 04 May 2020 17:53

Instrument :

MSVOA_X

ClientSampleId :

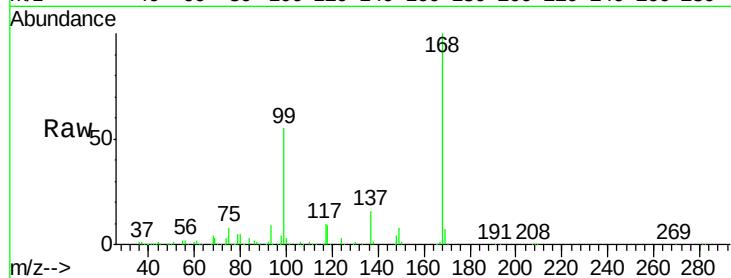
SA-PZ118S-20200429

Tot Ion:168 Resp: 293544

Ion Ratio Lower Upper

168 100

99 54.8 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

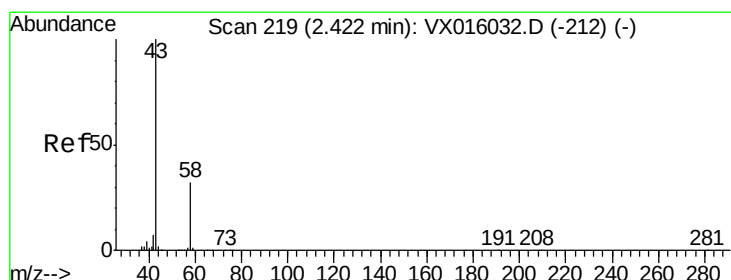
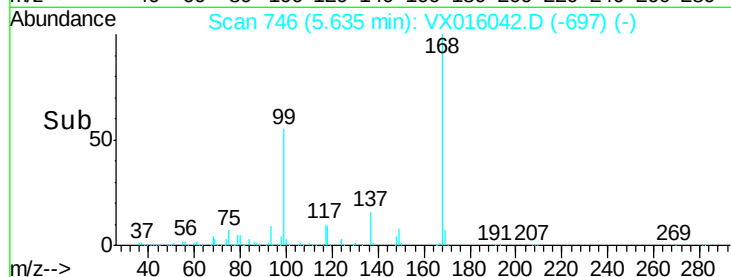
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 1.993 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016042.D

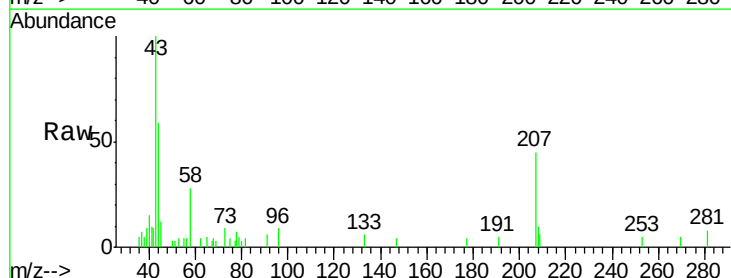
Acq: 04 May 2020 17:53

Tgt Ion: 43 Resp: 3435

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

2.42

2000

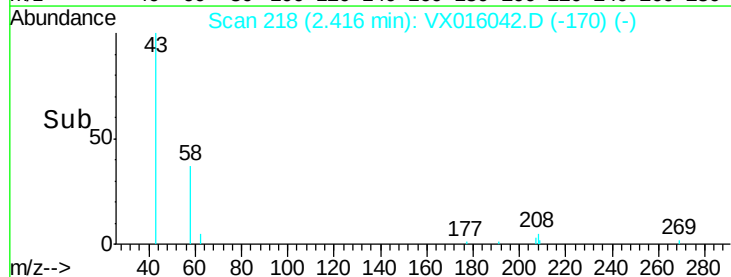
1500

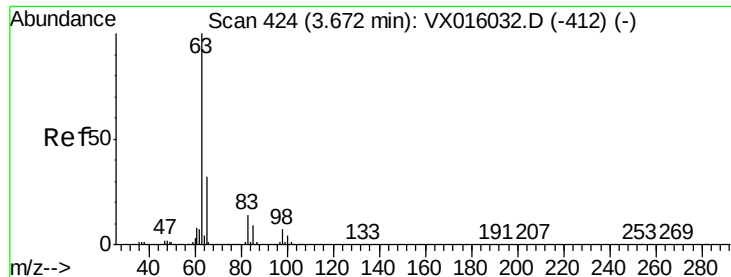
1000

500

0

Time-->





#24

1,1-Dichloroethane

Concen: 2.087 ug/l

RT: 3.68 min Scan# 425

Delta R.T. 0.01 min

Lab File: VX016042.D

Acq: 04 May 2020 17:53

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ118S-20200429

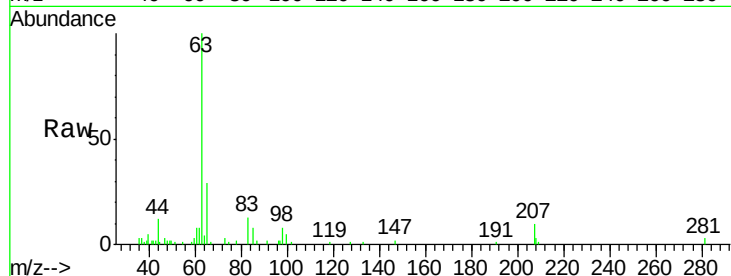
Tot Ion: 63 Resp: 12322

Ion Ratio Lower Upper

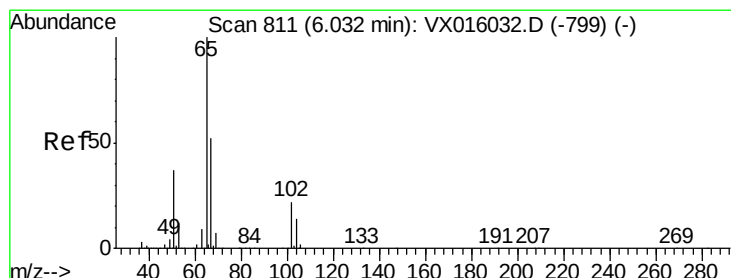
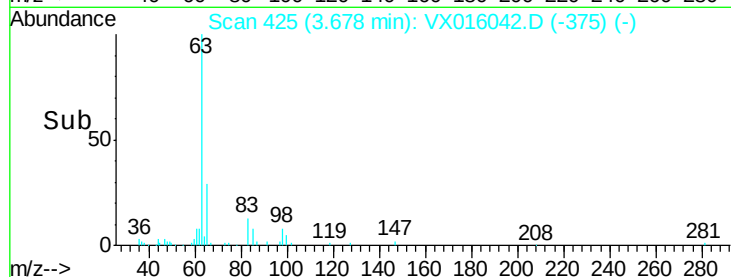
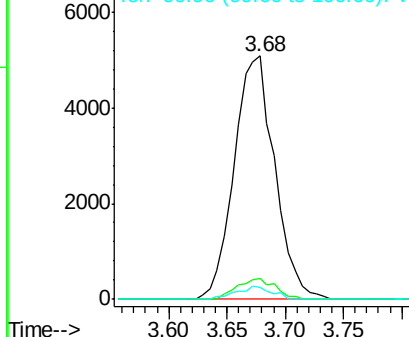
63 100

98 8.5 3.5 10.5

100 4.8 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: 47.036 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016042.D

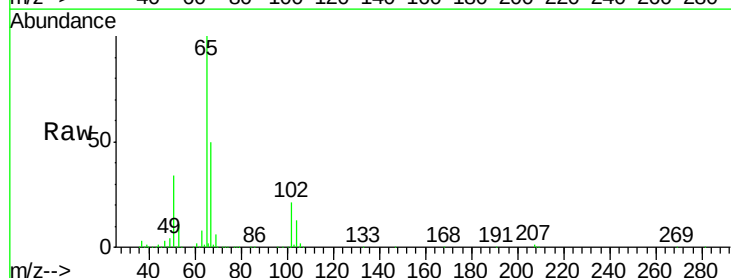
Acq: 04 May 2020 17:53

Tgt Ion: 65 Resp: 181686

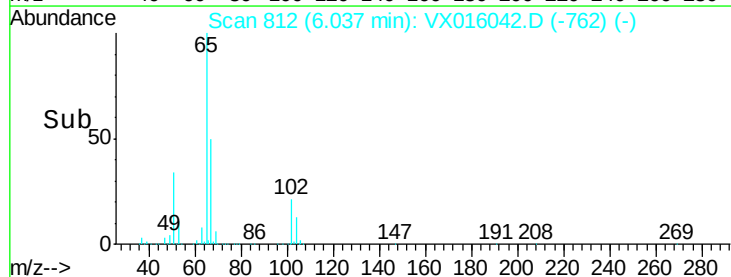
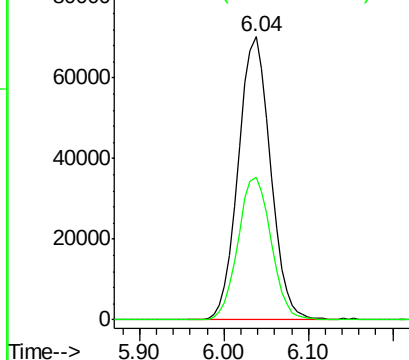
Ion Ratio Lower Upper

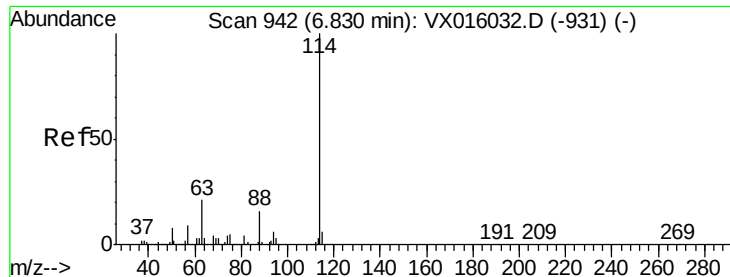
65 100

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: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016042.D

Acq: 04 May 2020 17:53

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ118S-20200429

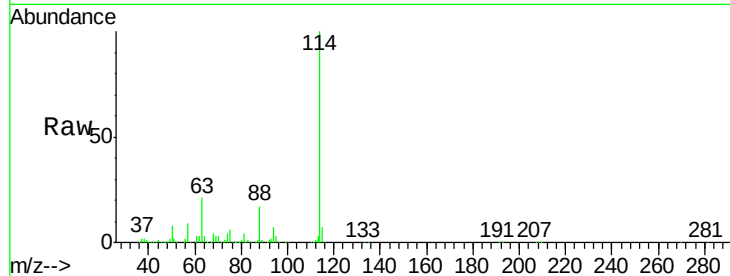
Tot Ion:114 Resp: 472628

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.8

88 16.6 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

250000

200000

150000

100000

50000

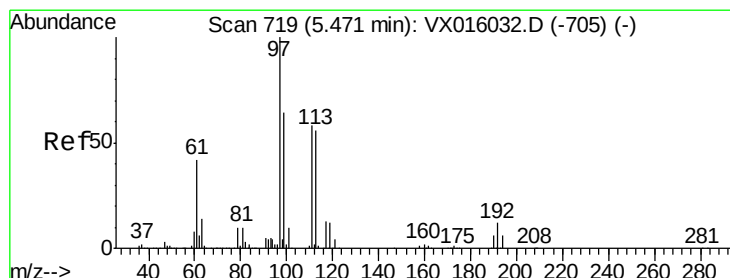
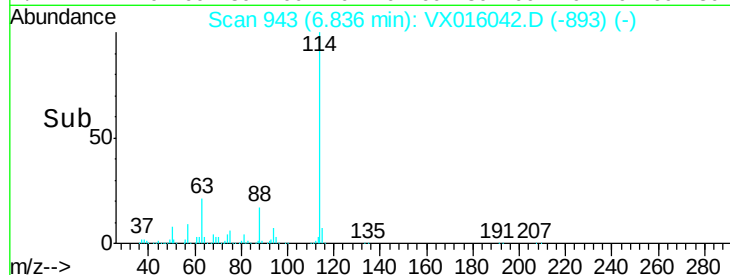
0

6.84

6.80

6.90

Time-->



#35

Dibromofluoromethane

Concen: 46.472 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016042.D

Acq: 04 May 2020 17:53

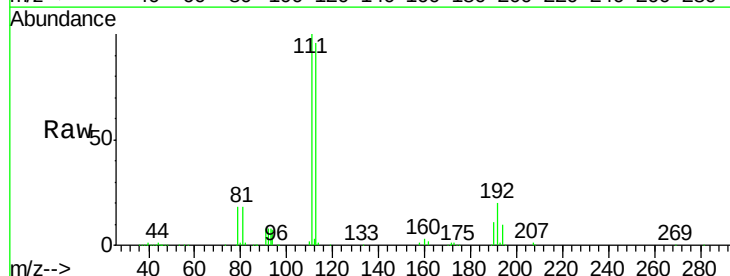
Tgt Ion:113 Resp: 139150

Ion Ratio Lower Upper

113 100

111 103.5 81.6 122.4

192 21.0 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

60000

40000

20000

0

5.47

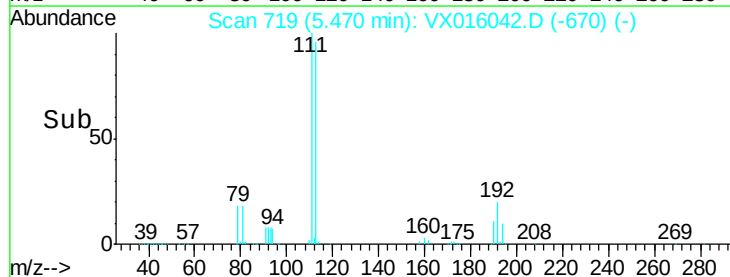
5.30

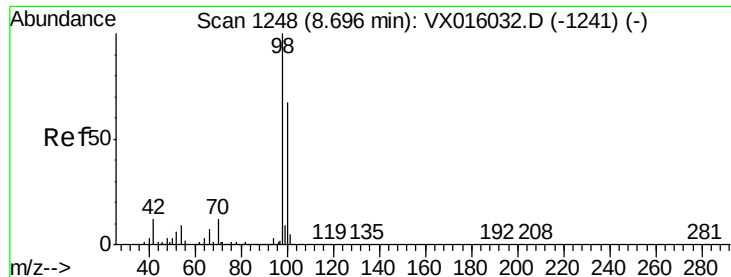
5.40

5.50

5.60

Time-->





#50

Toluene-d8

Concen: 50.469 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016042.D

Acq: 04 May 2020 17:53

Instrument :

MSVOA_X

ClientSampleId :

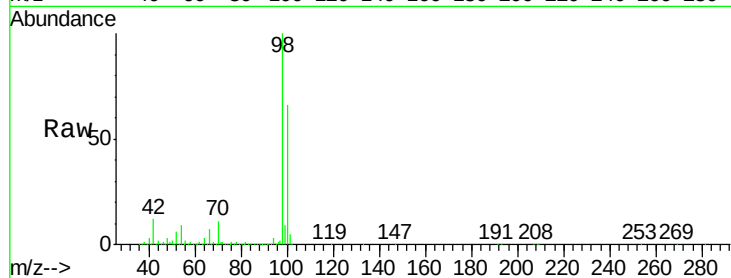
SA-PZ118S-20200429

Tot Ion: 98 Resp: 582270

Ion Ratio Lower Upper

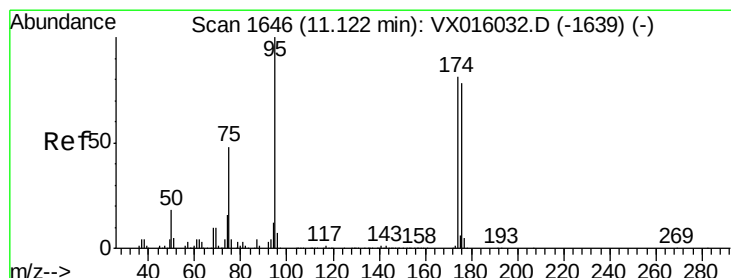
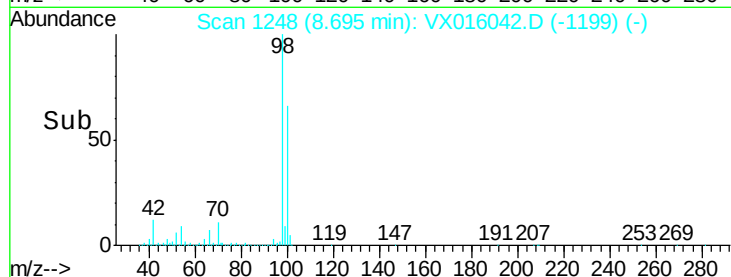
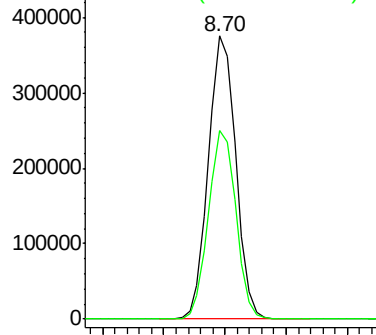
98 100

100 66.7 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: 54.077 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016042.D

Acq: 04 May 2020 17:53

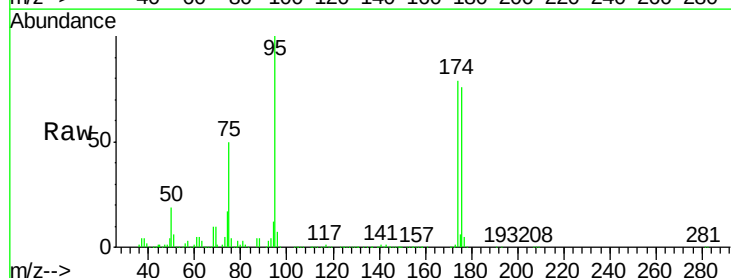
Tgt Ion: 95 Resp: 237300

Ion Ratio Lower Upper

95 100

174 82.0 0.0 159.4

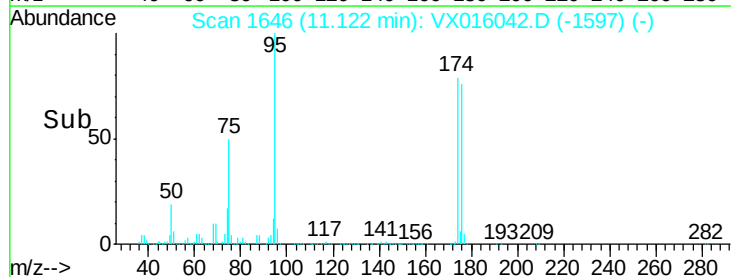
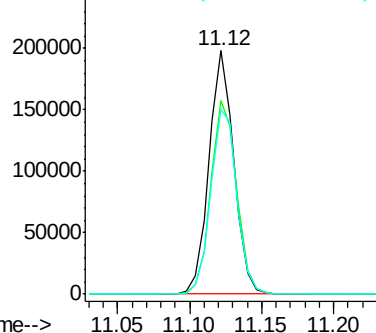
176 79.4 0.0 157.6

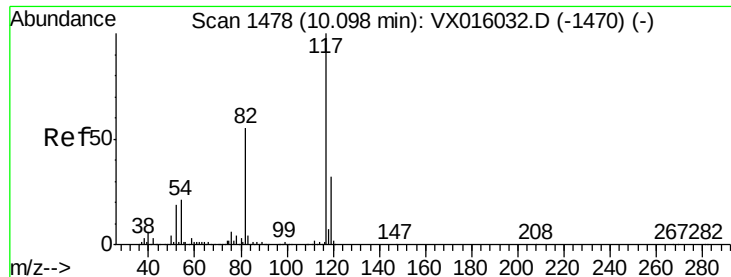


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

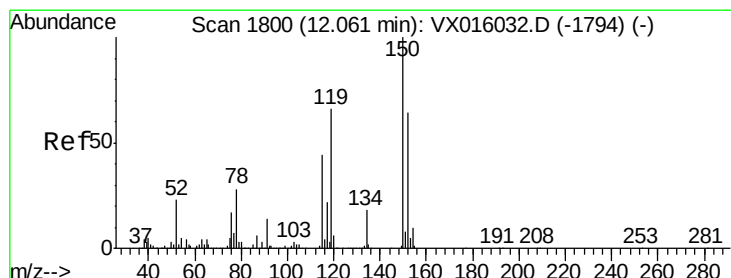
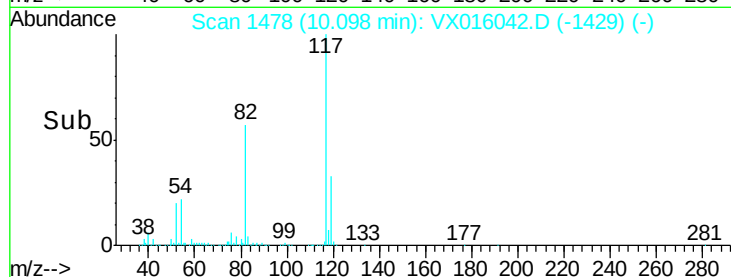
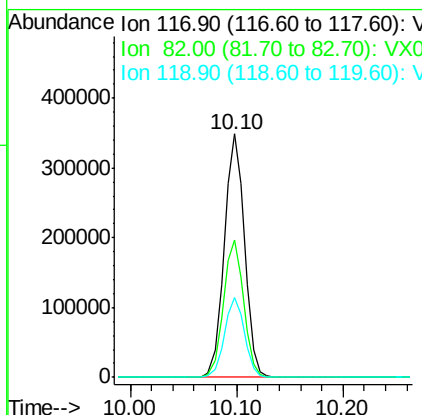
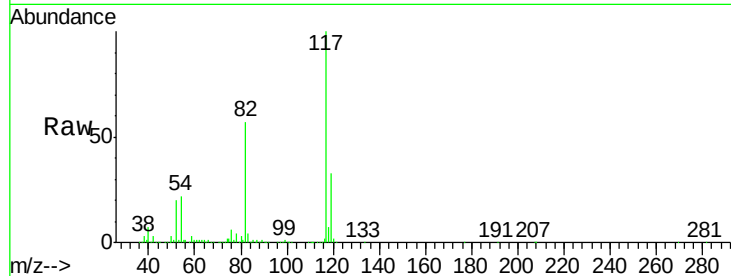




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016042.D
Acq: 04 May 2020 17:53

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118S-20200429

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.4	66.6
119	32.9	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: VX016042.D
Acq: 04 May 2020 17:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.8	41.3	124.1
150	156.4	0.0	352.2

