

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091620\
 Data File : VX018440.D
 Acq On : 16 Sep 2020 15:19
 Operator : JC/SP
 Sample : L4009-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2020-09-11-TB01

Quant Time: Sep 17 04:55:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

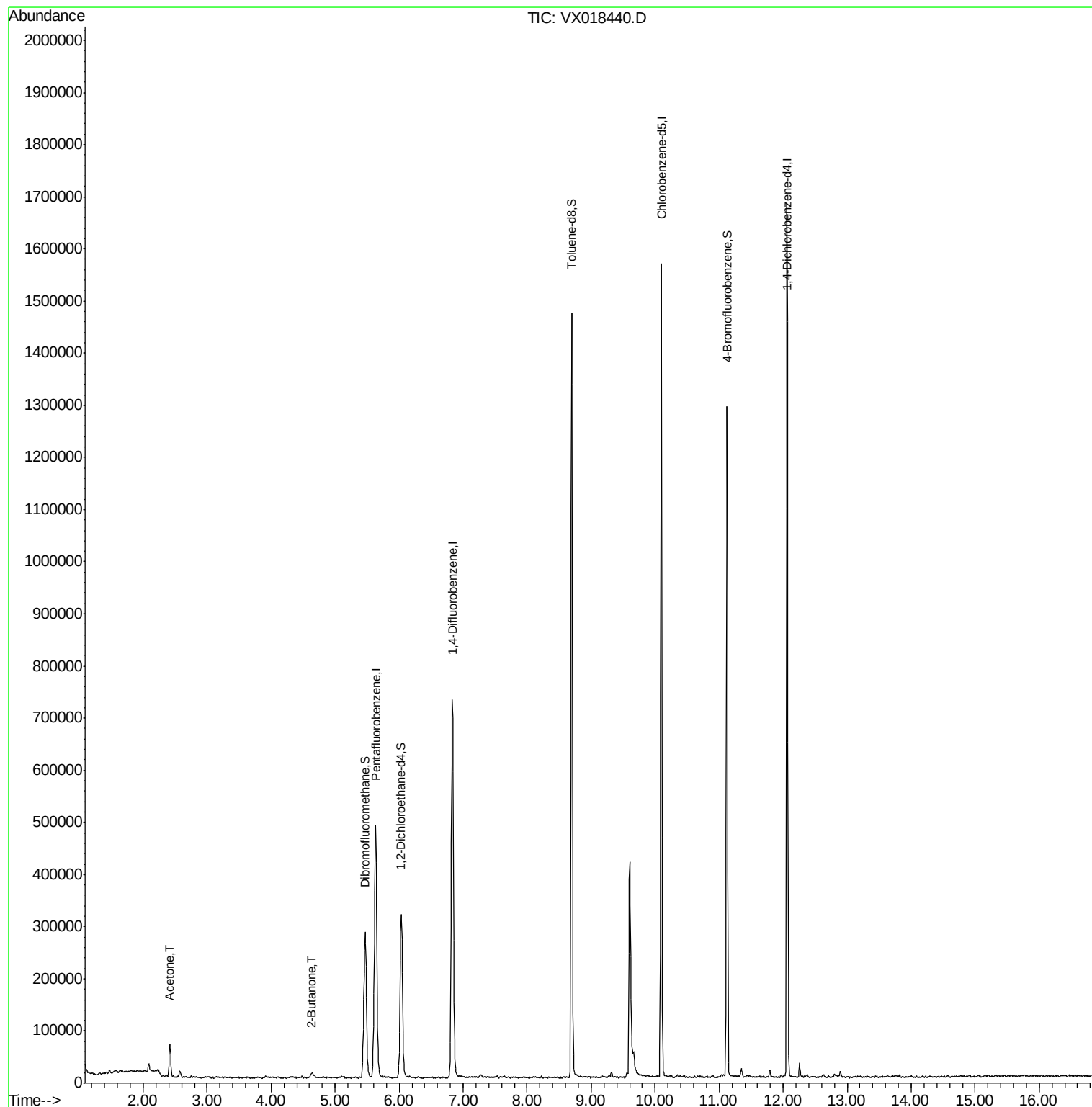
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	440527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	703784	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	678615	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	336603	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	319186	52.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.38%	
35) Dibromofluoromethane	5.47	113	242919	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
50) Toluene-d8	8.70	98	842990	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
62) 4-Bromofluorobenzene	11.12	95	328383	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.50%	
Target Compounds						
16) Acetone	2.42	43	66957	28.097	ug/l	95
25) 2-Butanone	4.64	43	18953	4.839	ug/l	94

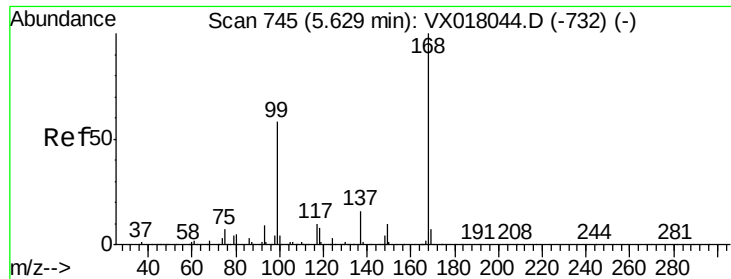
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018440.D

Acq: 16 Sep 2020 15:19

Instrument :

MSVOA_X

ClientSampleId :

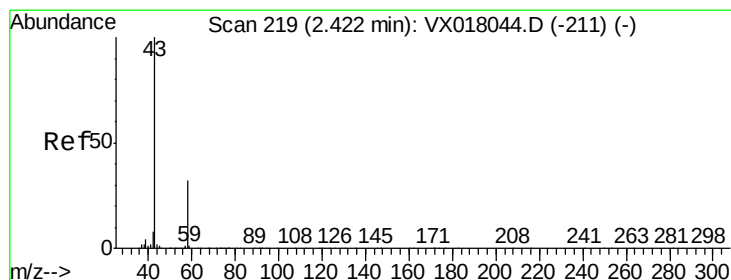
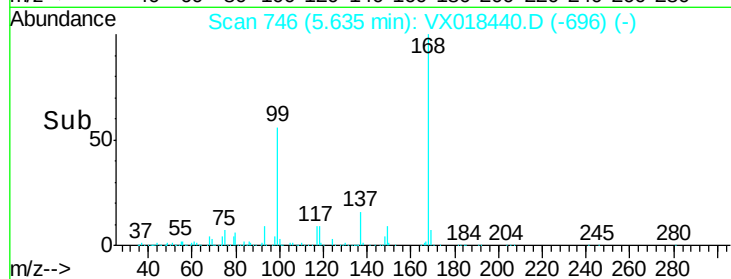
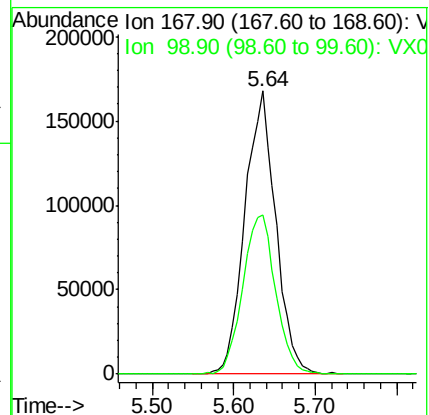
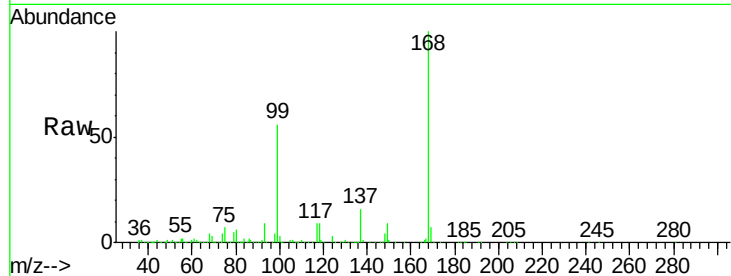
2020-09-11-TB01

Tot Ion:168 Resp: 440527

Ion Ratio Lower Upper

168 100

99 56.2 46.3 69.5



#16

Acetone

Concen: 28.097 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018440.D

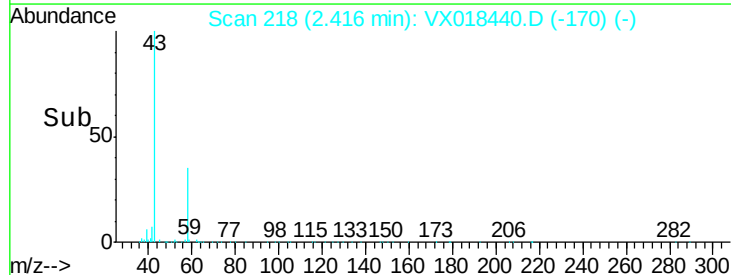
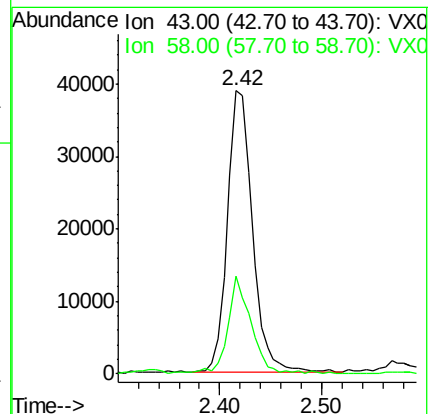
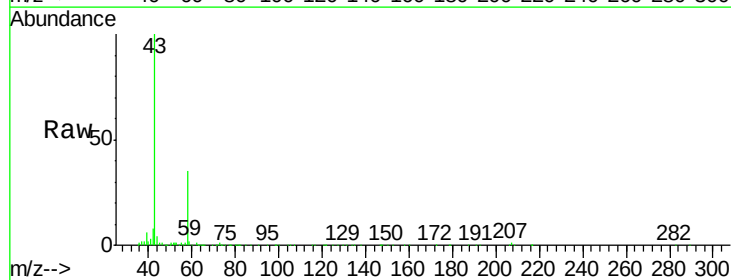
Acq: 16 Sep 2020 15:19

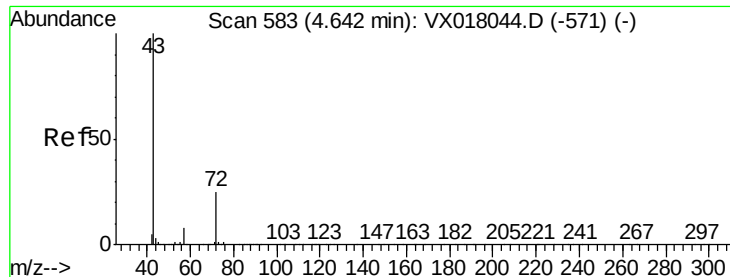
Tgt Ion: 43 Resp: 66957

Ion Ratio Lower Upper

43 100

58 34.5 25.5 38.3





#25

2-Butanone

Concen: 4.839 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX018440.D

Acq: 16 Sep 2020 15:19

Instrument :

MSVOA_X

ClientSampleId :

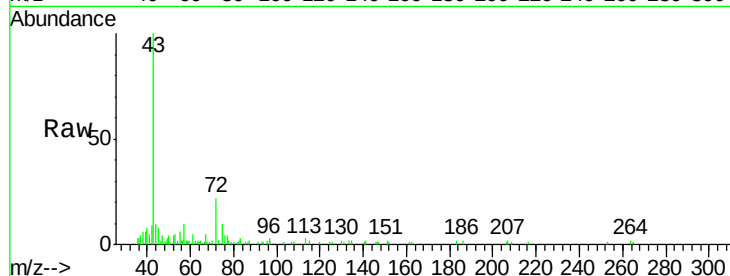
2020-09-11-TB01

Tot Ion: 43 Resp: 18953

Ion Ratio Lower Upper

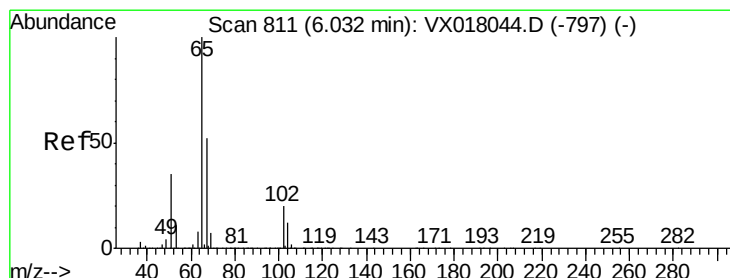
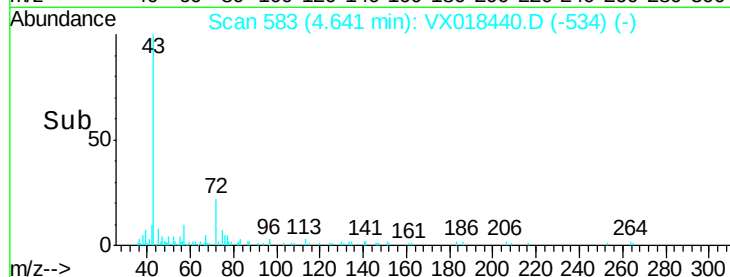
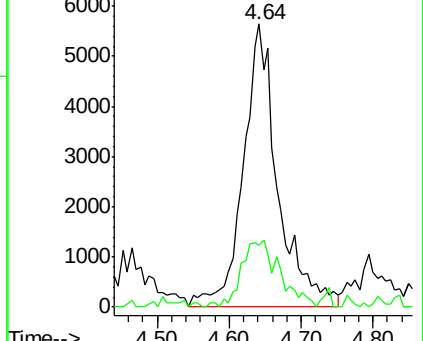
43 100

72 21.7 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.192 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX018440.D

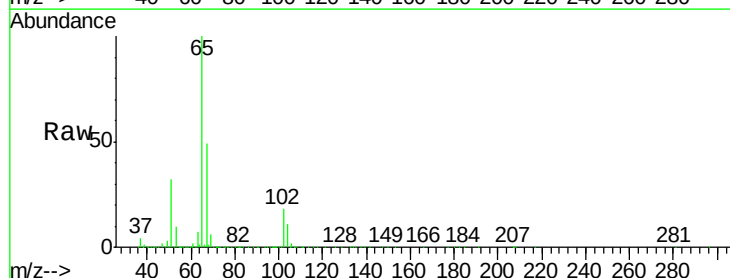
Acq: 16 Sep 2020 15:19

Tgt Ion: 65 Resp: 319186

Ion Ratio Lower Upper

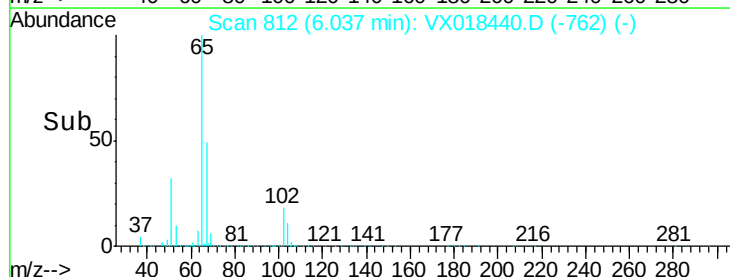
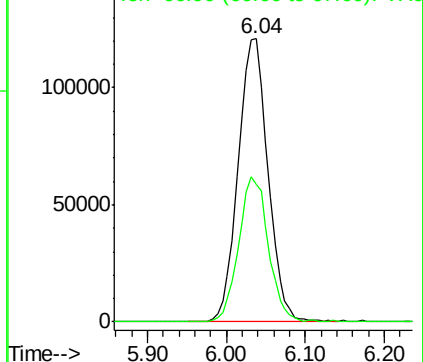
65 100

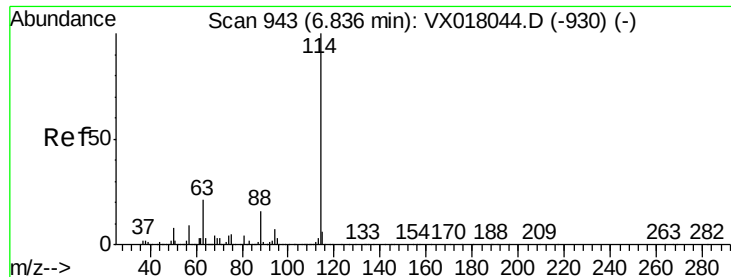
67 50.9 0.0 105.8



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. -0.01 min

Lab File: VX018440.D

Acq: 16 Sep 2020 15:19

Instrument :

MSVOA_X

ClientSampleId :

2020-09-11-TB01

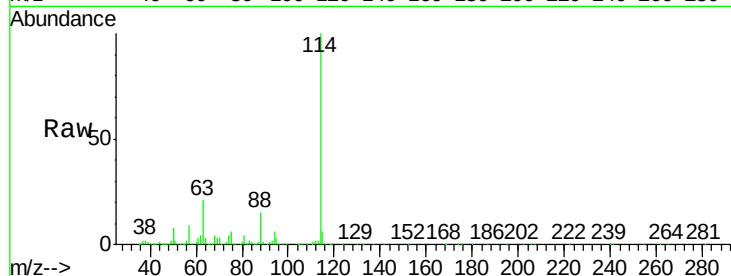
Tot Ion:114 Resp: 703784

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

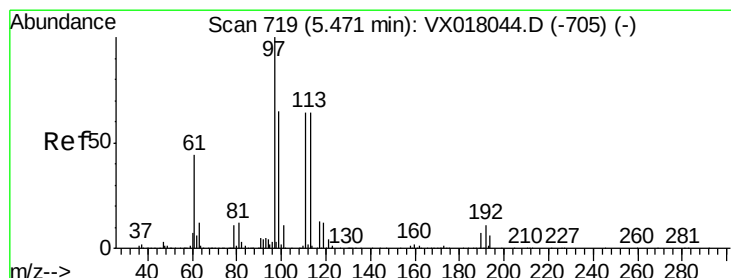
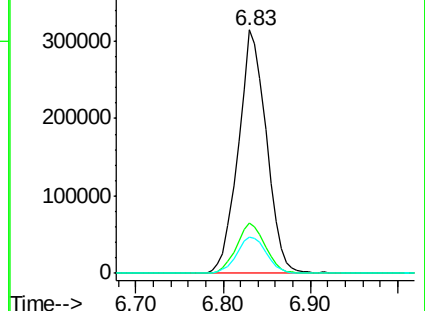
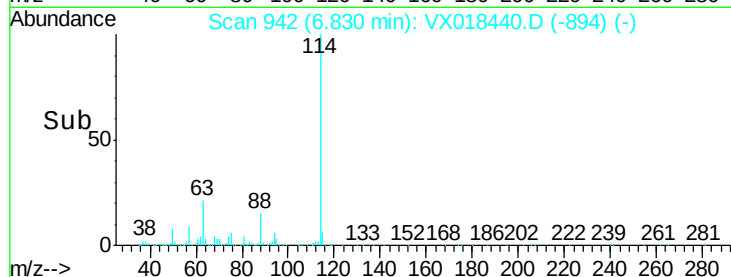
88 15.0 0.0 31.8



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: 50.681 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX018440.D

Acq: 16 Sep 2020 15:19

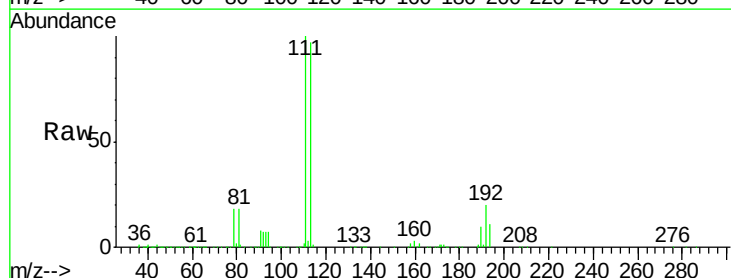
Tgt Ion:113 Resp: 242919

Ion Ratio Lower Upper

113 100

111 103.5 81.6 122.4

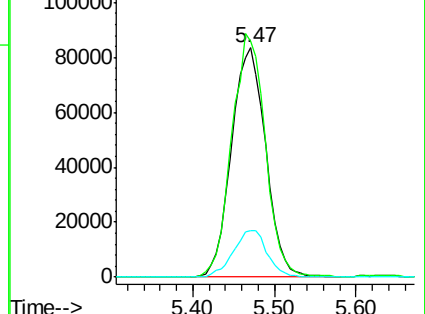
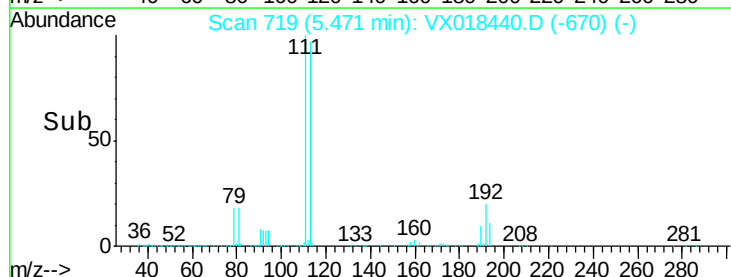
192 20.1 15.8 23.8

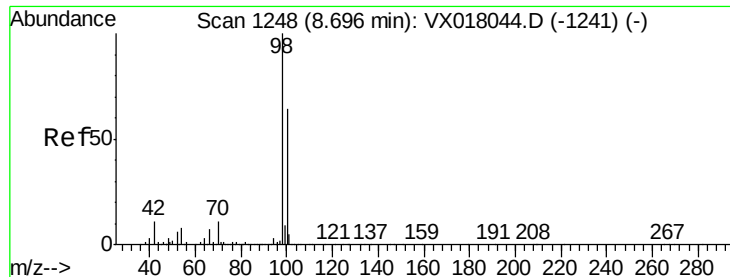


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.220 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018440.D

Acq: 16 Sep 2020 15:19

Instrument :

MSVOA_X

ClientSampleId :

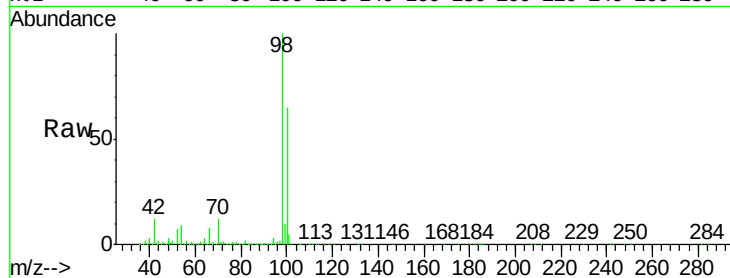
2020-09-11-TB01

Tot Ion: 98 Resp: 842990

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.70

600000

500000

400000

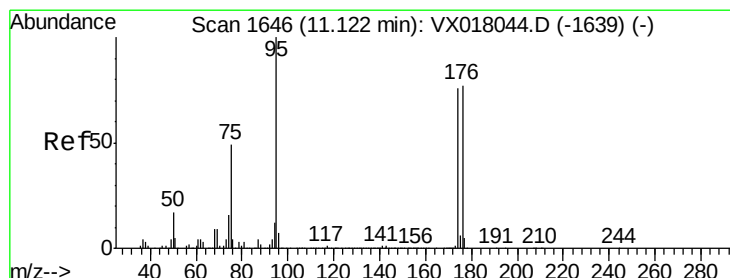
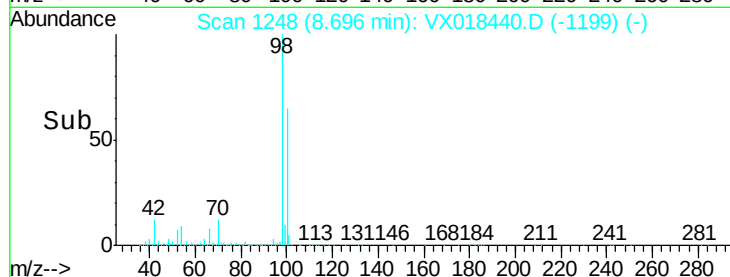
300000

200000

100000

0

Time--> 8.60 8.65 8.70 8.75 8.80



#62

4-Bromofluorobenzene

Concen: 46.753 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018440.D

Acq: 16 Sep 2020 15:19

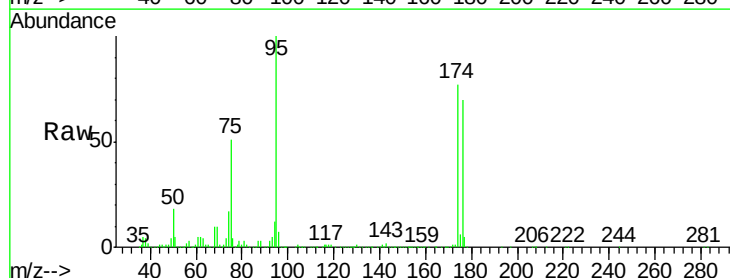
Tgt Ion: 95 Resp: 328383

Ion Ratio Lower Upper

95 100

174 78.2 0.0 160.2

176 75.6 0.0 155.8



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

11.12

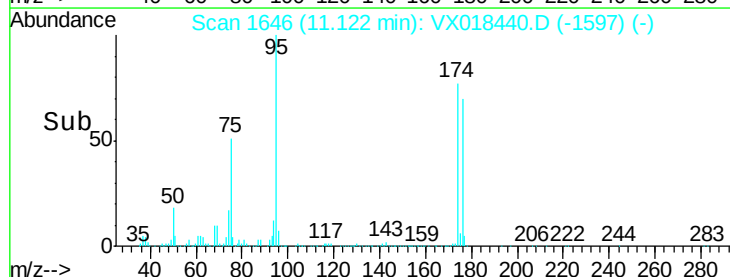
300000

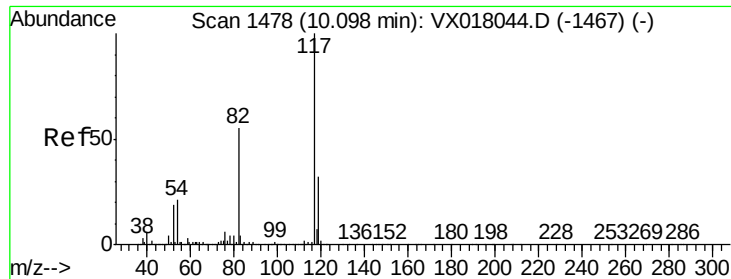
200000

100000

0

Time--> 11.10 11.20

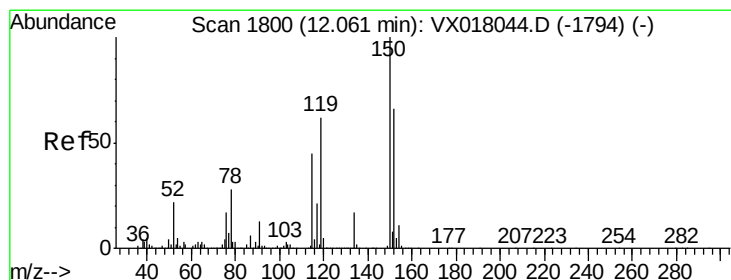
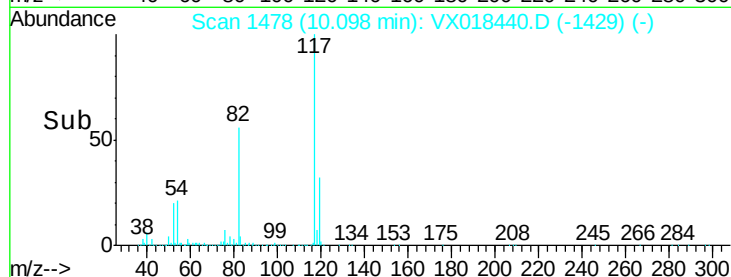
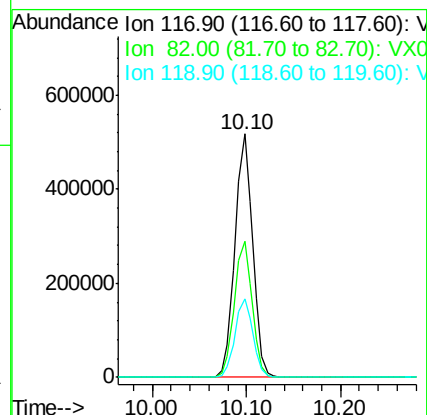
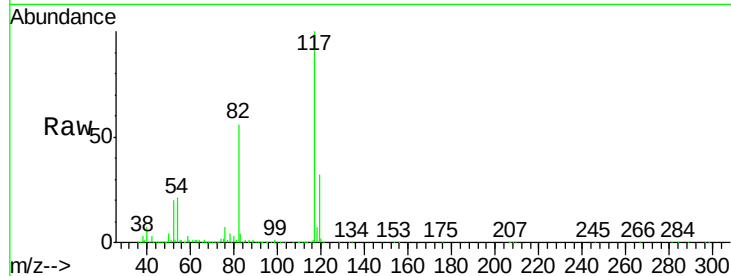




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018440.D
Acq: 16 Sep 2020 15:19

Instrument :
MSVOA_X
ClientSampleId :
2020-09-11-TB01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.2	66.2
119	32.5	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018440.D
Acq: 16 Sep 2020 15:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.7	41.5	124.5
150	156.8	0.0	343.8

