

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016982.D
 Acq On : 26 Jun 2020 14:44
 Operator : JC/SP
 Sample : L3117-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-200624

Quant Time: Jun 29 06:11:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:34:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	211804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	384621	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	385897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	198571	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	174612	54.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.18%	
35) Dibromofluoromethane	5.47	113	128619	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
50) Toluene-d8	8.70	98	483894	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
62) 4-Bromofluorobenzene	11.12	95	201781	56.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.08%	

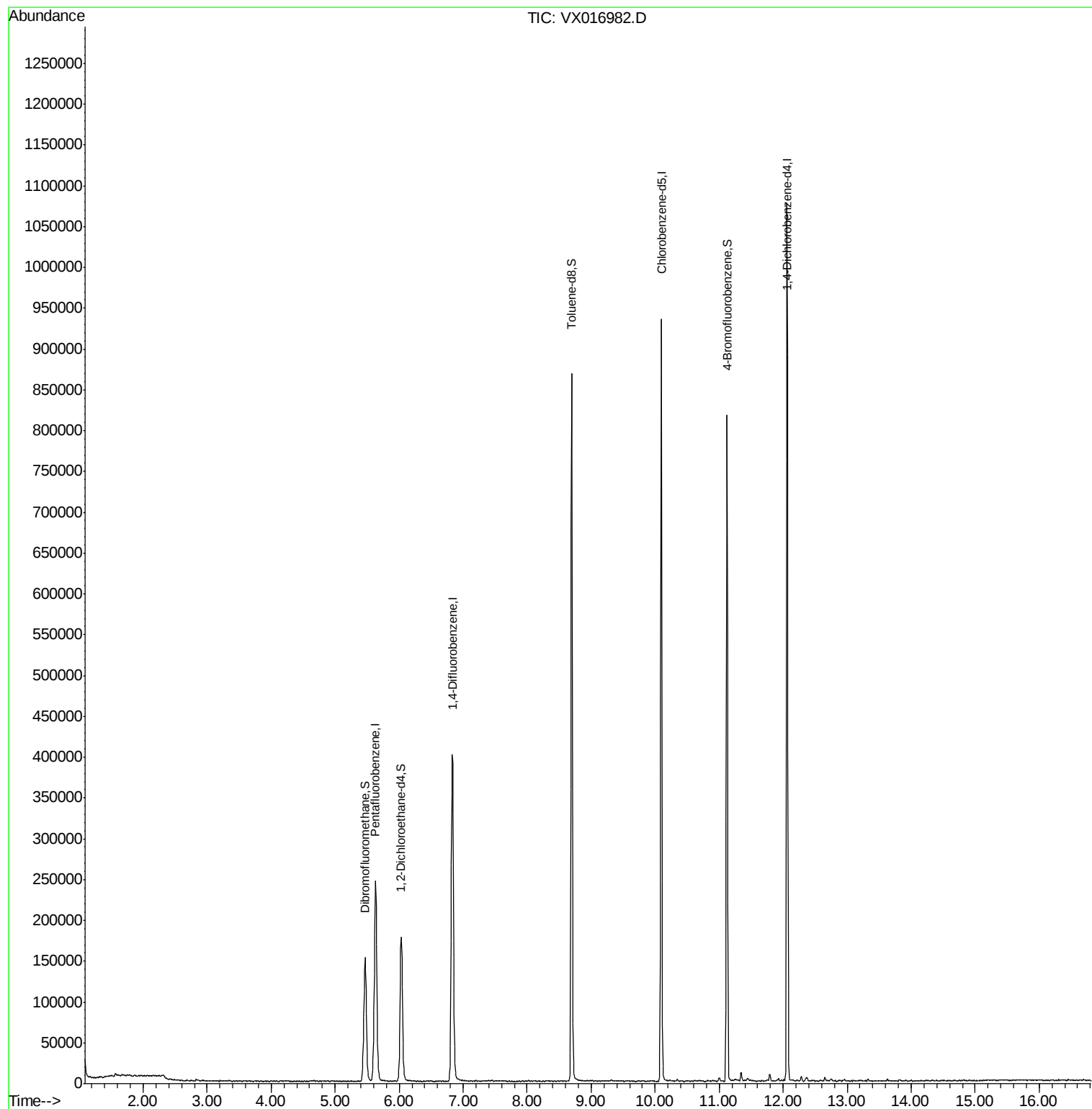
Target Compounds	Qvalue
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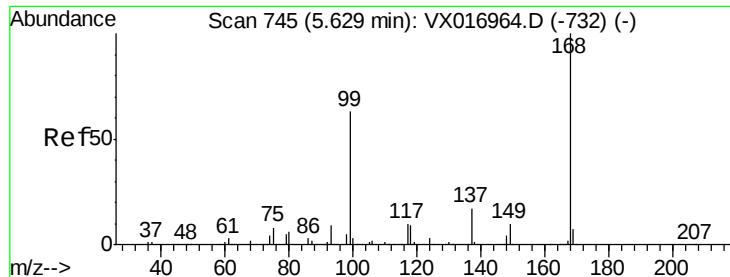
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016982.D

Acq: 26 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

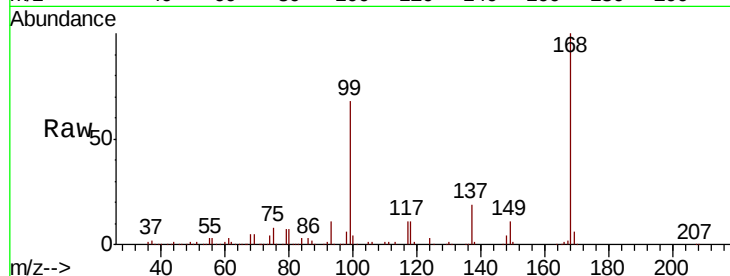
TB-01-200624

Tot Ion:168 Resp: 211804

Ion Ratio Lower Upper

168 100

99 67.6 50.2 75.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

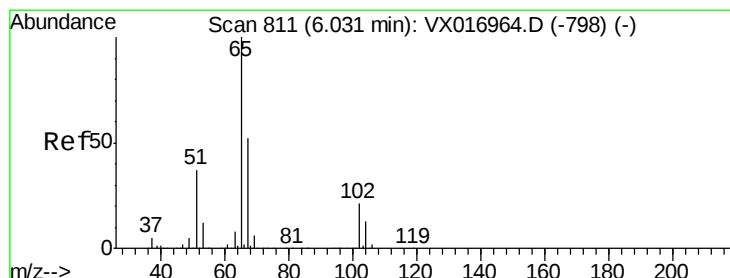
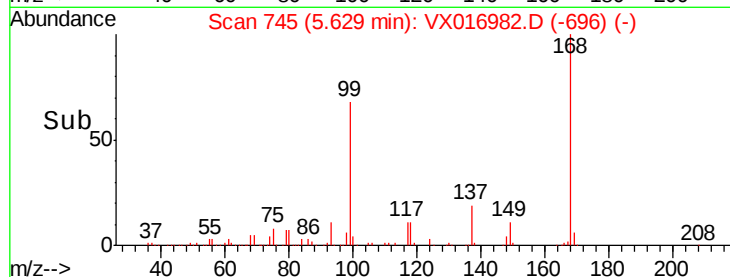
40000

20000

0

Time-->

5.50 5.60 5.70



#33

1,2-Dichloroethane-d4

Concen: 54.592 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016982.D

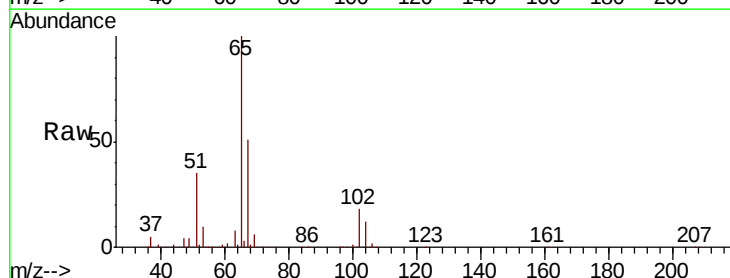
Acq: 26 Jun 2020 14:44

Tgt Ion: 65 Resp: 174612

Ion Ratio Lower Upper

65 100

67 50.7 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

60000

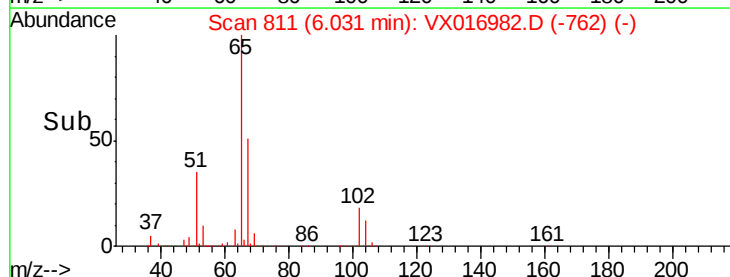
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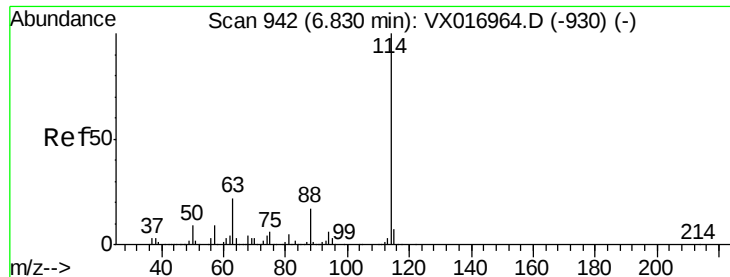
20000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016982.D

Acq: 26 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

TB-01-200624

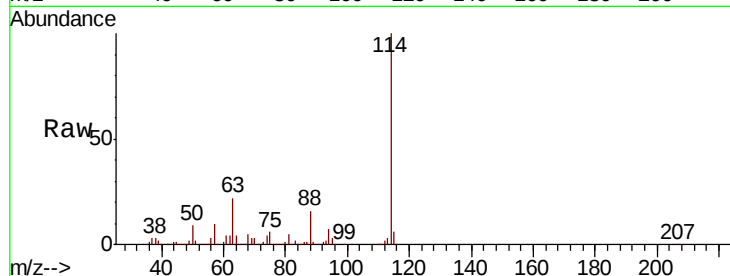
Tot Ion:114 Resp: 384621

Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.4

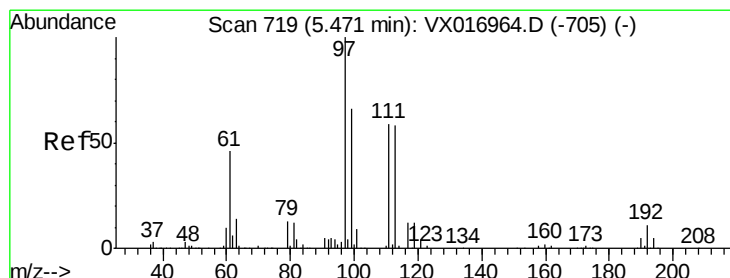
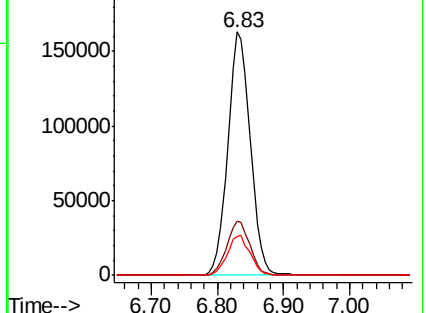
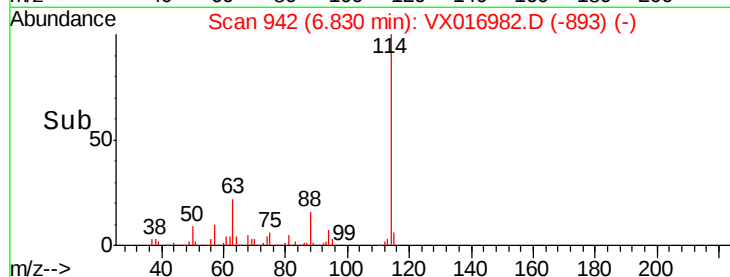
88 15.7 0.0 33.2



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: 50.631 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016982.D

Acq: 26 Jun 2020 14:44

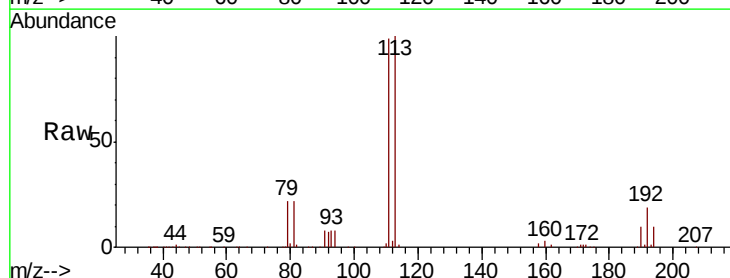
Tgt Ion:113 Resp: 128619

Ion Ratio Lower Upper

113 100

111 103.8 84.3 126.5

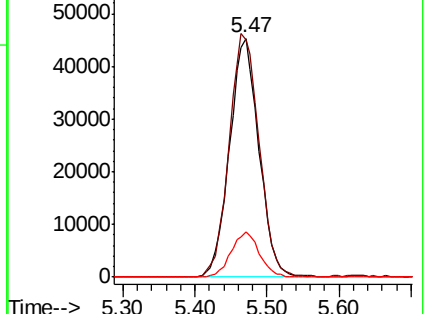
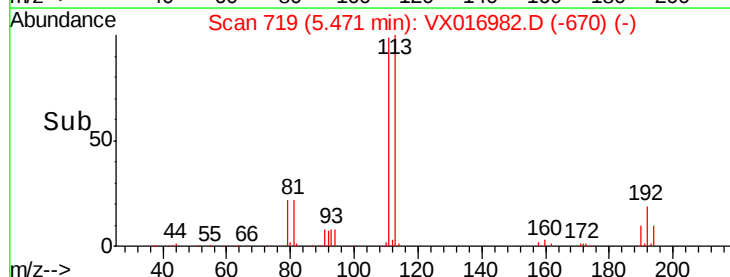
192 18.3 15.2 22.8

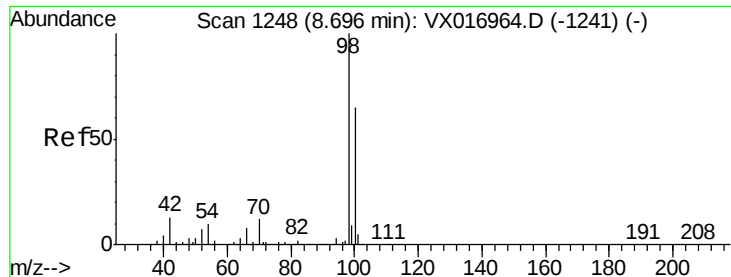


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.966 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016982.D

Acq: 26 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

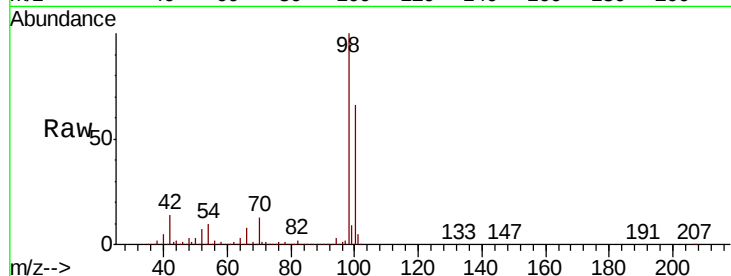
TB-01-200624

Tot Ion: 98 Resp: 483894

Ion Ratio Lower Upper

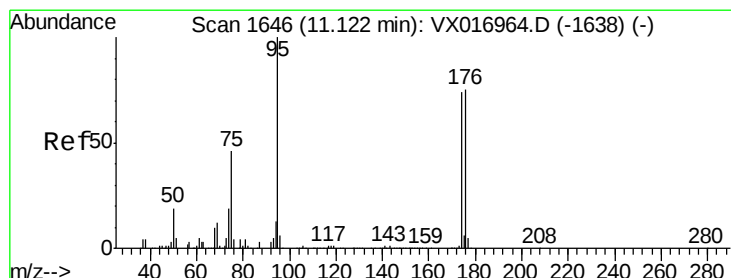
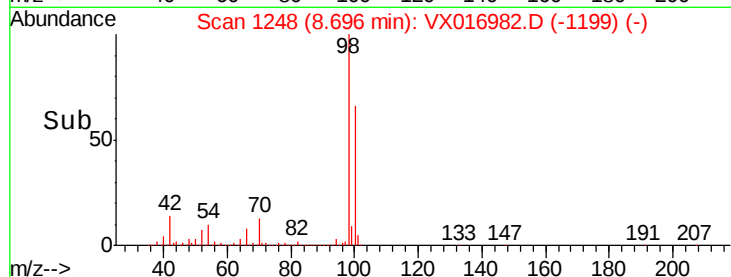
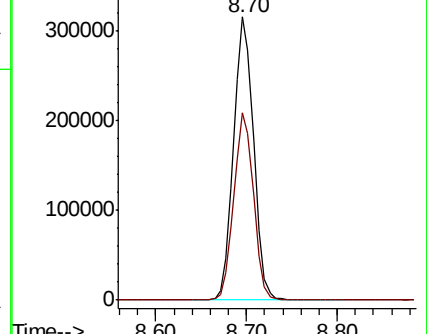
98 100

100 65.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 56.038 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016982.D

Acq: 26 Jun 2020 14:44

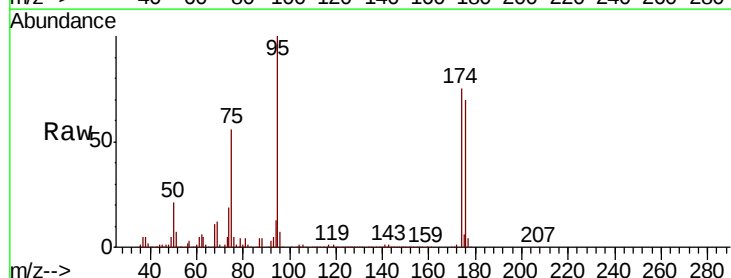
Tgt Ion: 95 Resp: 201781

Ion Ratio Lower Upper

95 100

174 73.1 0.0 149.6

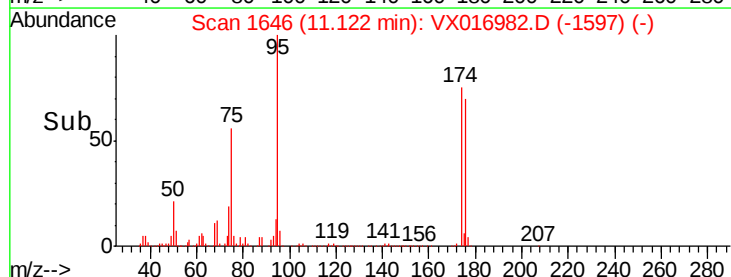
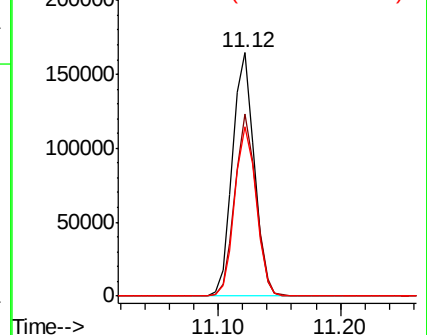
176 69.2 0.0 148.2

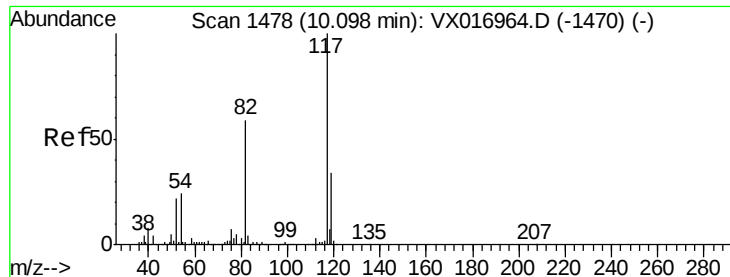


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

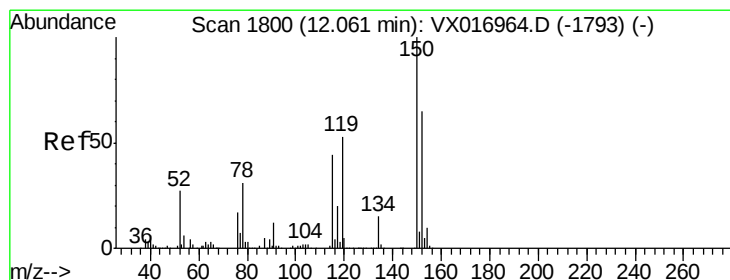
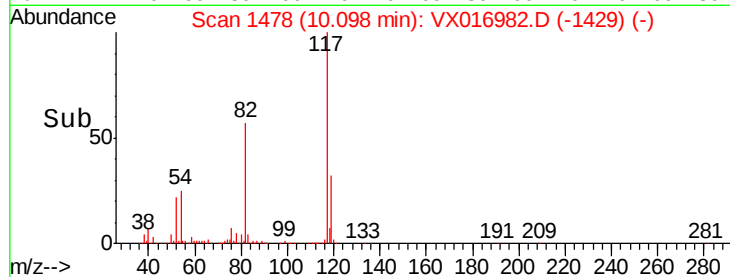
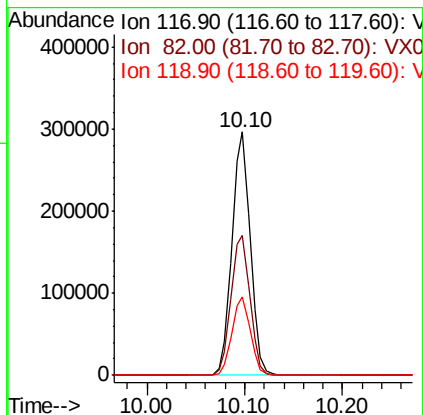
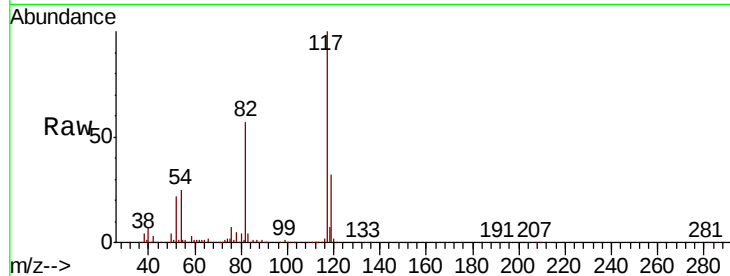




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016982.D
Acq: 26 Jun 2020 14:44

Instrument :
MSVOA_X
ClientSampleId :
TB-01-200624

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.5	46.8	70.2
119	32.1	27.3	40.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016982.D
Acq: 26 Jun 2020 14:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.3	42.8	128.4
150	159.3	0.0	347.8

