

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060420\
 Data File : VX016581.D
 Acq On : 04 Jun 2020 15:14
 Operator : JC/SP
 Sample : L2894-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z1-TB1-200601

Quant Time: Jun 05 07:16:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	254608	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	408540	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	411687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	210784	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	149460	47.27	ug/l	0.00
Spiked Amount						
			Recovery	=	94.54%	
35) Dibromofluoromethane	5.46	113	122593	48.73	ug/l	0.00
Spiked Amount						
			Recovery	=	97.46%	
50) Toluene-d8	8.70	98	502224	51.29	ug/l	0.00
Spiked Amount						
			Recovery	=	102.58%	
62) 4-Bromofluorobenzene	11.12	95	206654	54.62	ug/l	0.00
Spiked Amount						
			Recovery	=	109.24%	

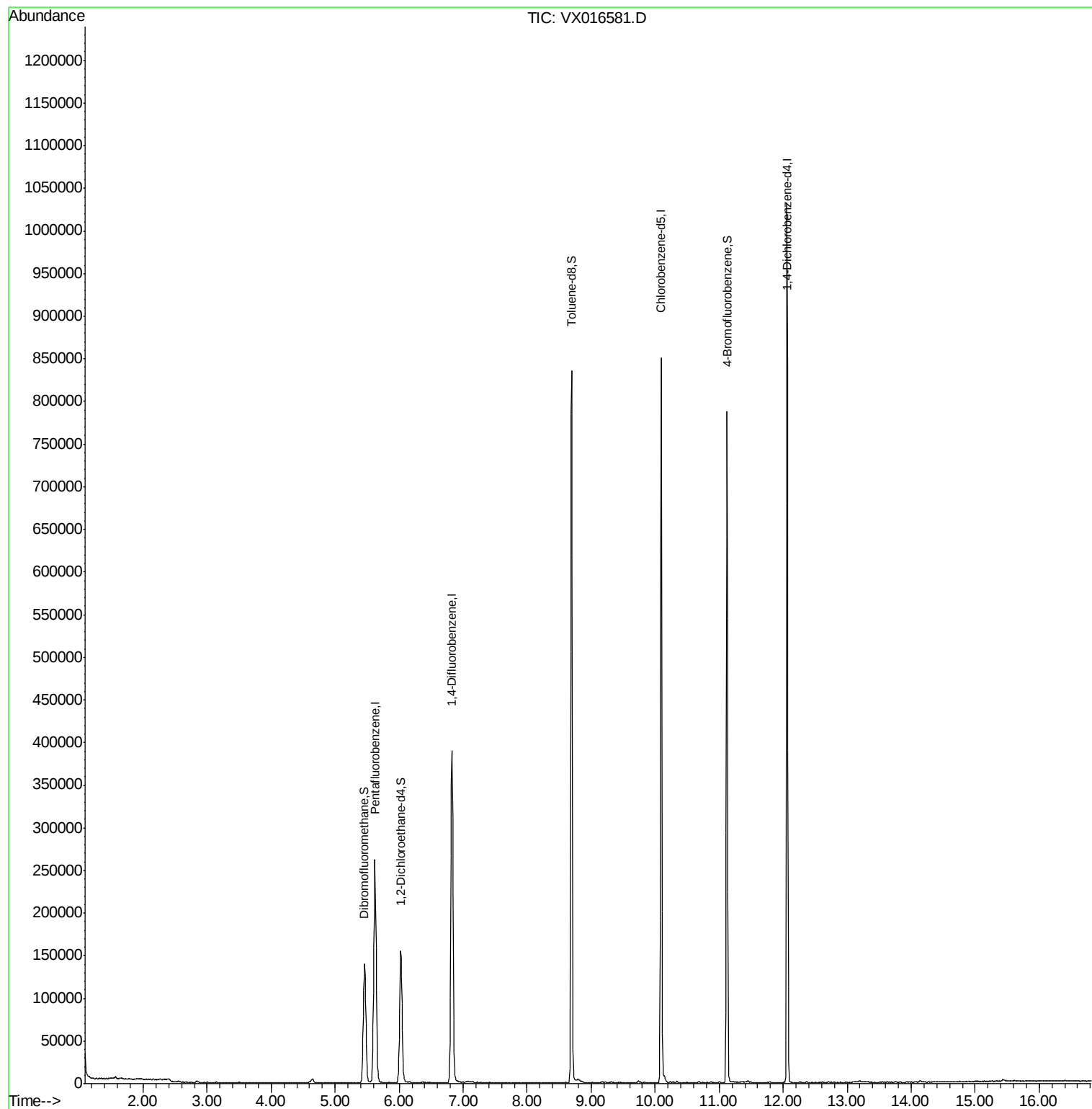
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016581.D

Acq: 04 Jun 2020 15:14

Instrument :

MSVOA_X

ClientSampleId :

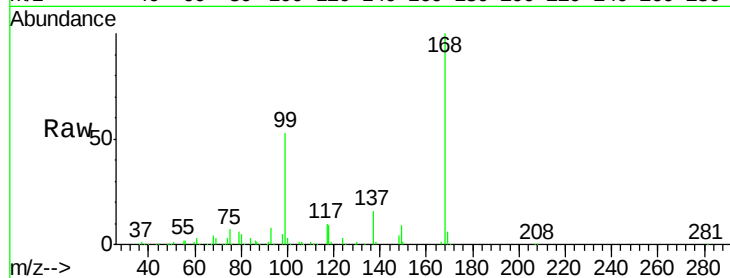
Z1-TB1-200601

Tot Ion:168 Resp: 254608

Ion Ratio Lower Upper

168 100

99 53.4 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

60000

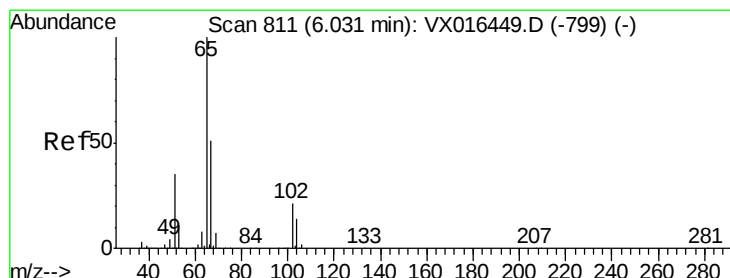
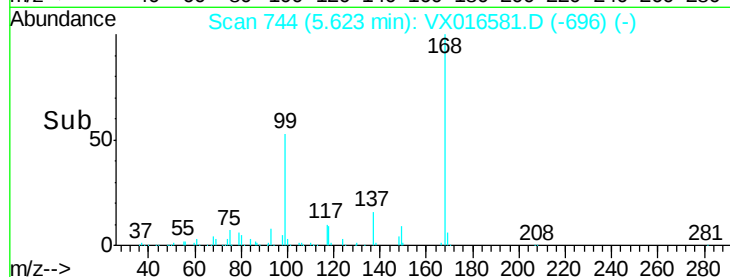
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.269 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX016581.D

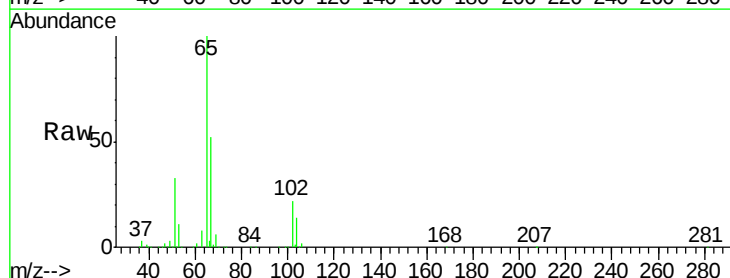
Acq: 04 Jun 2020 15:14

Tgt Ion: 65 Resp: 149460

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

60000

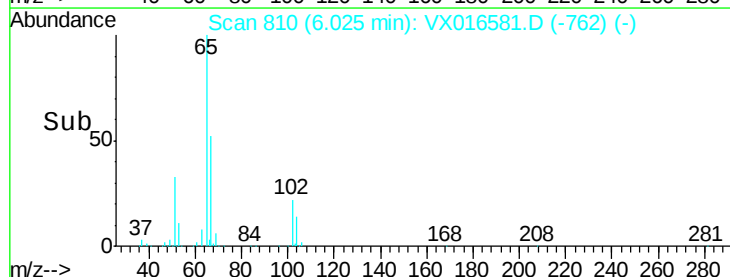
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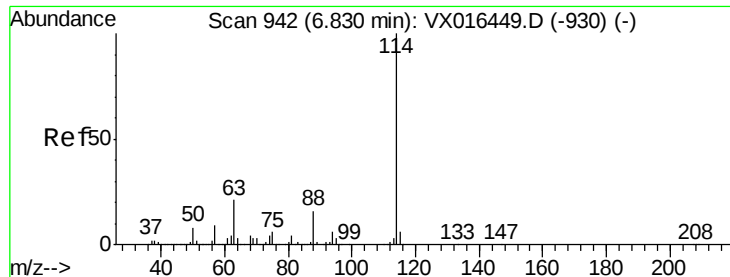
20000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX016581.D

Acq: 04 Jun 2020 15:14

Instrument :

MSVOA_X

ClientSampleId :

Z1-TB1-200601

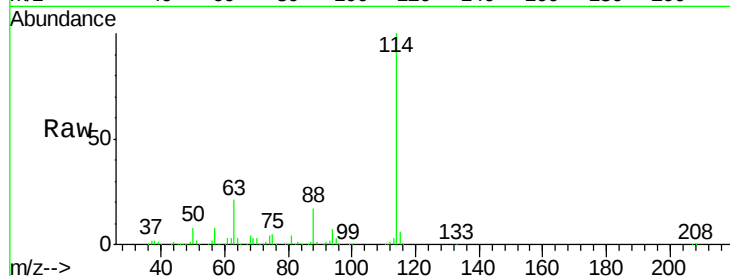
Tot Ion:114 Resp: 408540

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.6

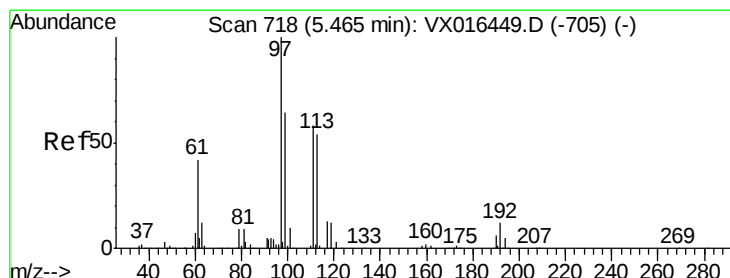
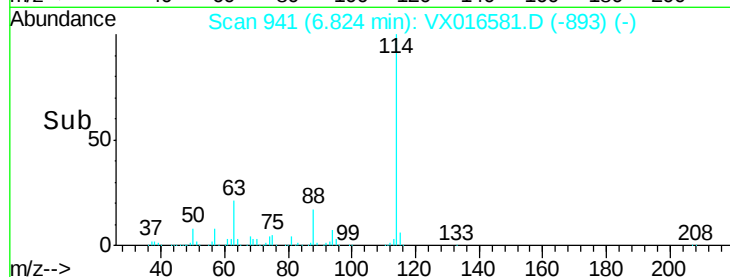
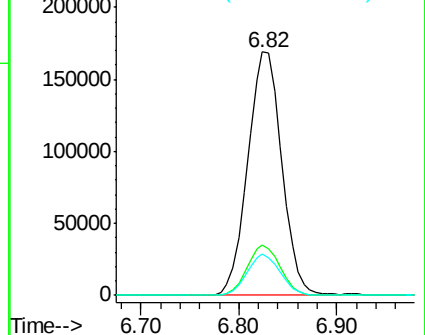
88 16.9 0.0 32.8



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: 48.734 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX016581.D

Acq: 04 Jun 2020 15:14

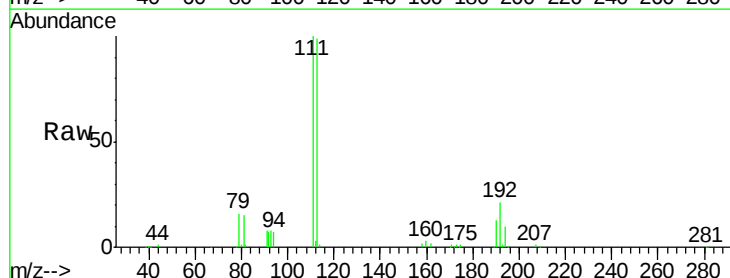
Tgt Ion:113 Resp: 122593

Ion Ratio Lower Upper

113 100

111 102.1 83.0 124.6

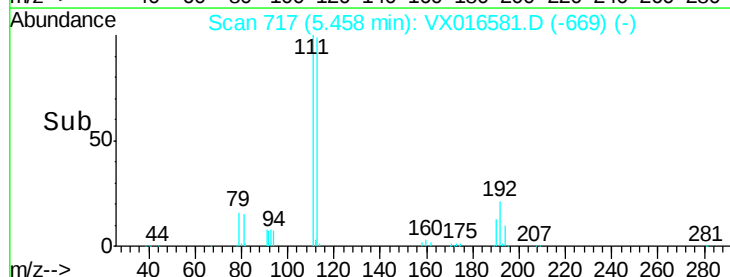
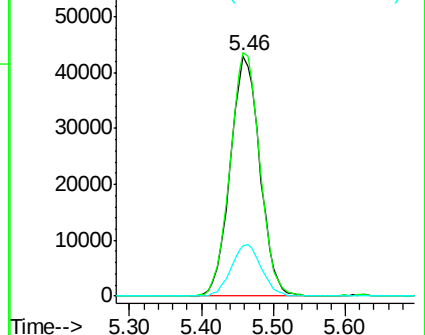
192 21.9 17.7 26.5

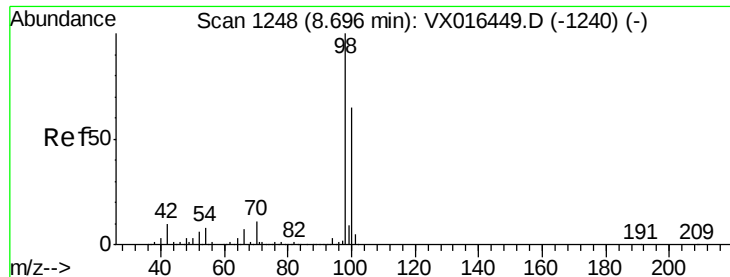


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.294 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016581.D

Acq: 04 Jun 2020 15:14

Instrument :

MSVOA_X

ClientSampleId :

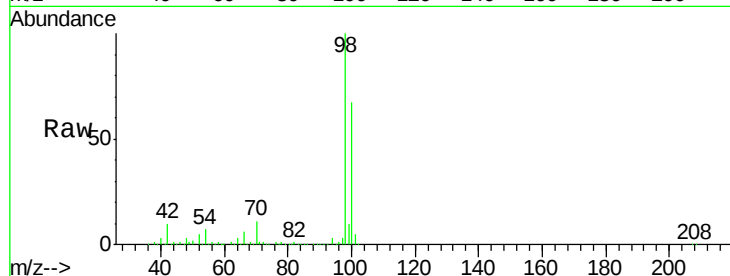
Z1-TB1-200601

Tot Ion: 98 Resp: 502224

Ion Ratio Lower Upper

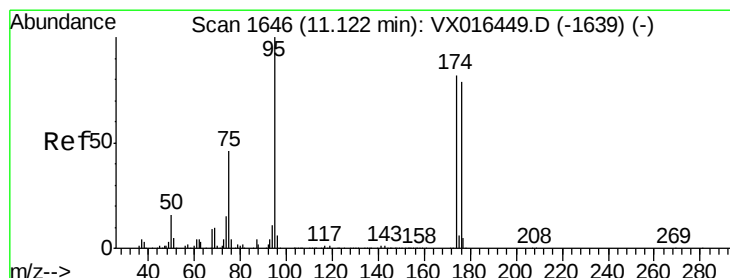
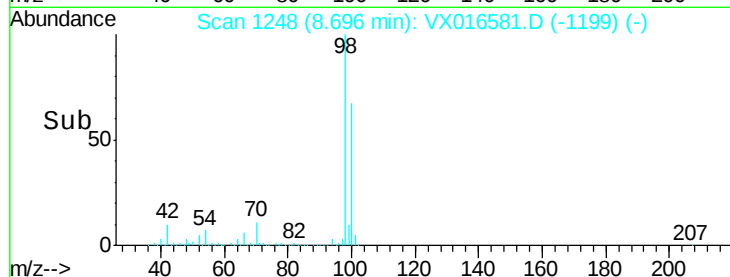
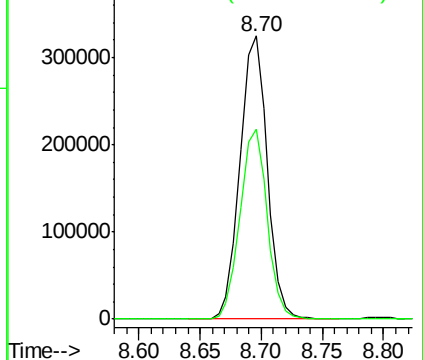
98 100

100 66.8 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#62

4-Bromofluorobenzene

Concen: 54.623 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016581.D

Acq: 04 Jun 2020 15:14

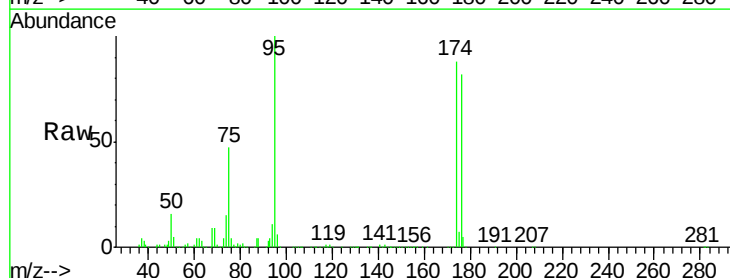
Tgt Ion: 95 Resp: 206654

Ion Ratio Lower Upper

95 100

174 85.4 0.0 163.0

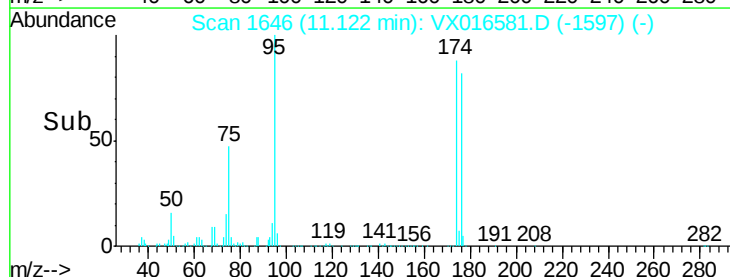
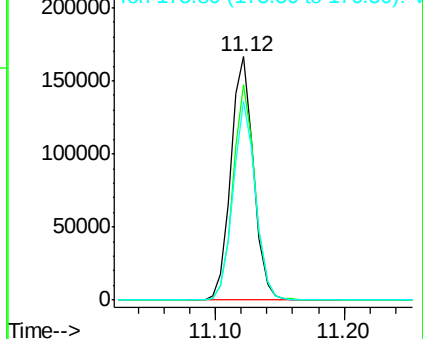
176 80.3 0.0 156.8

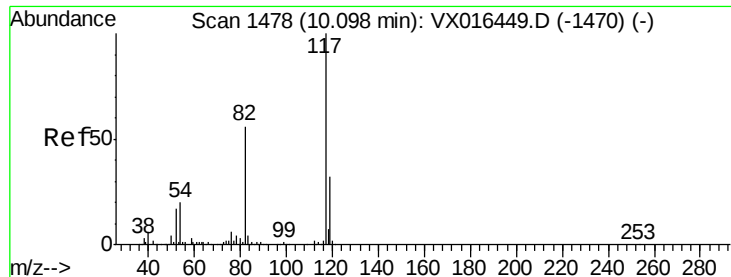


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

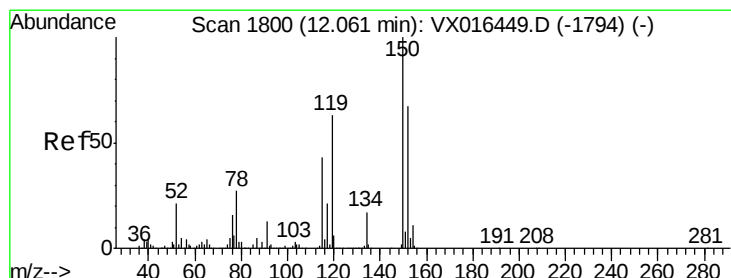
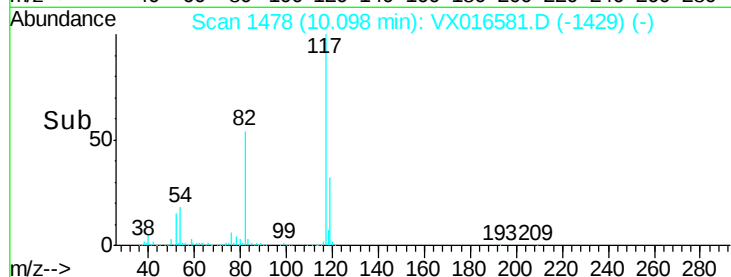
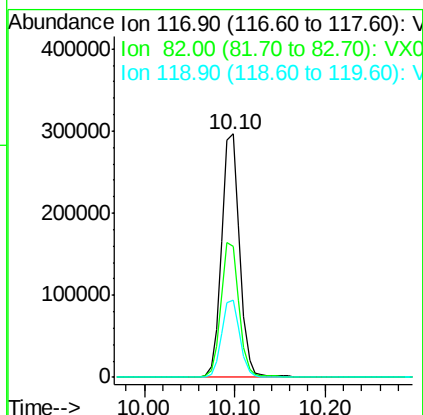
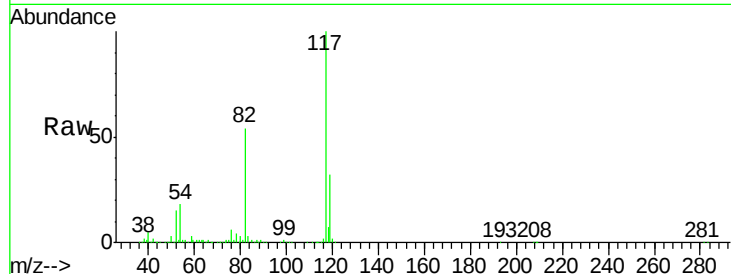




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016581.D
Acq: 04 Jun 2020 15:14

Instrument :
MSVOA_X
ClientSampleId :
Z1-TB1-200601

Tot Ion:117 Resp: 411687
Ion Ratio Lower Upper
117 100
82 53.7 45.0 67.6
119 31.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016581.D
Acq: 04 Jun 2020 15:14

Tgt Ion:152 Resp: 210784
Ion Ratio Lower Upper
152 100
115 58.5 39.9 119.6
150 156.8 0.0 341.0

