

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
 Data File : VX019815.D
 Acq On : 10 Dec 2020 11:14
 Operator : JC/MD
 Sample : L5009-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FIELD-BLANK

Quant Time: Dec 11 01:13:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	332568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	548746	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	497968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209809	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	206350	47.21	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.42%	
35) Dibromofluoromethane		5.46	113	166481	46.94	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.88%	
50) Toluene-d8		8.70	98	656105	48.46	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.92%	
62) 4-Bromofluorobenzene		11.12	95	230546	44.74	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.48%	

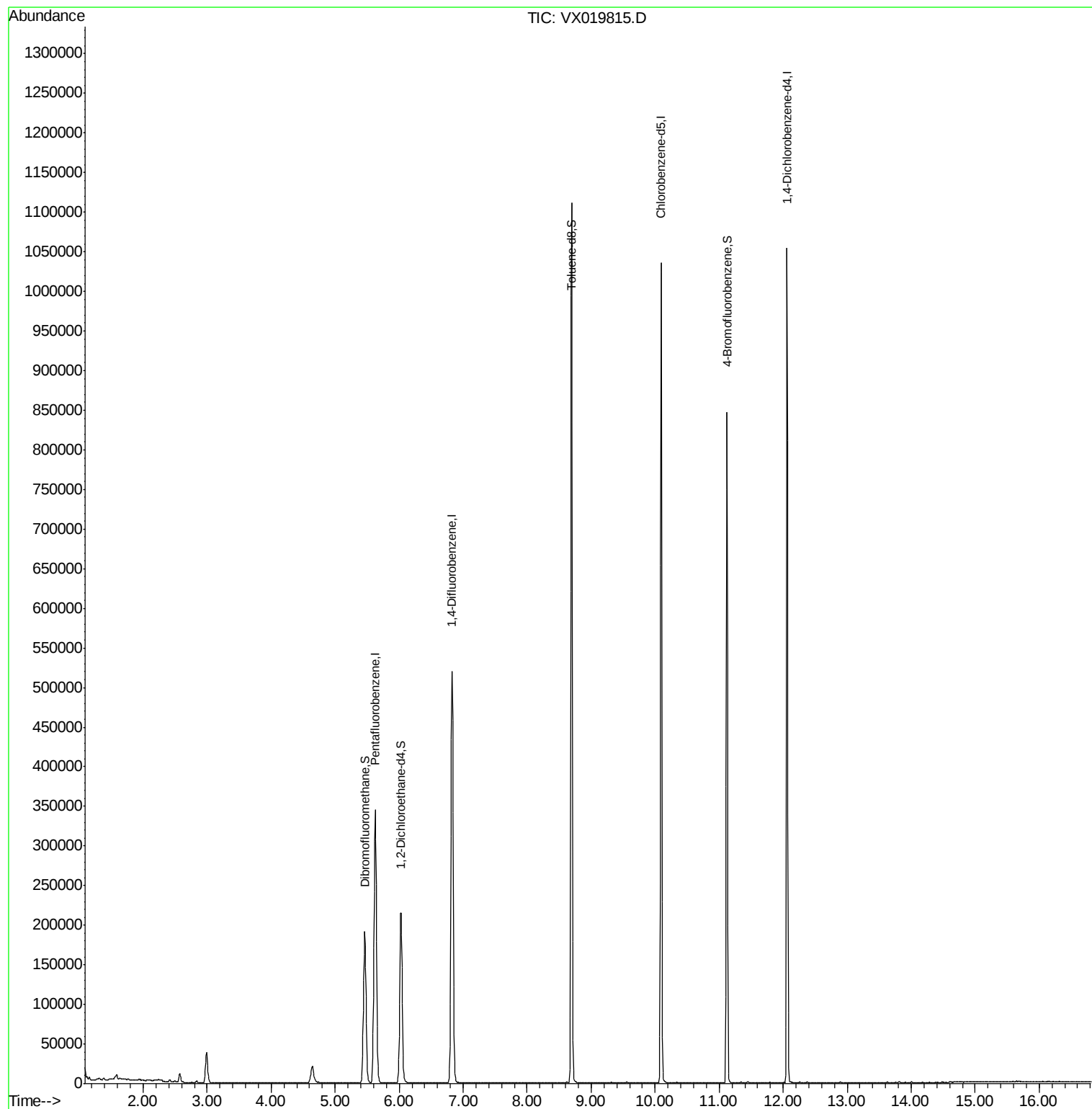
Target Compounds	Qvalue

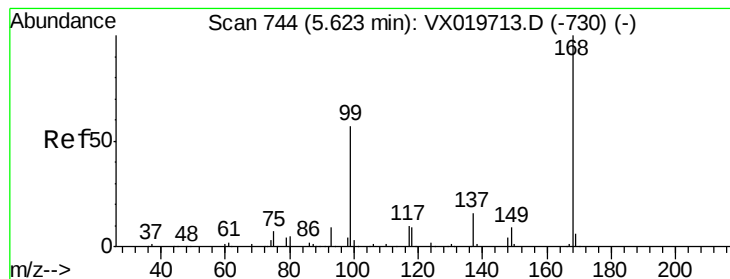
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 04 15:32:53 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019815.D

Acq: 10 Dec 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

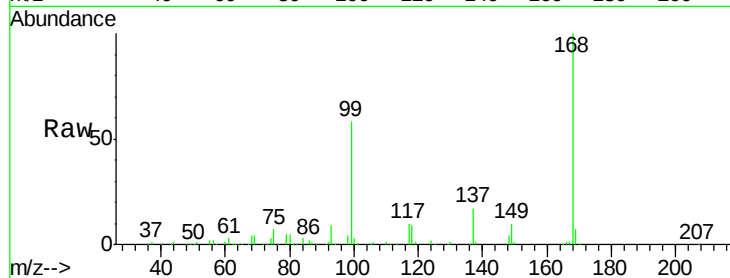
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Tot Ion:168 Resp: 332568

Ion Ratio Lower Upper

168 100

99 57.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

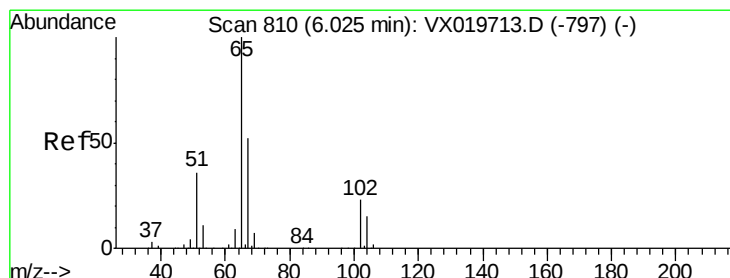
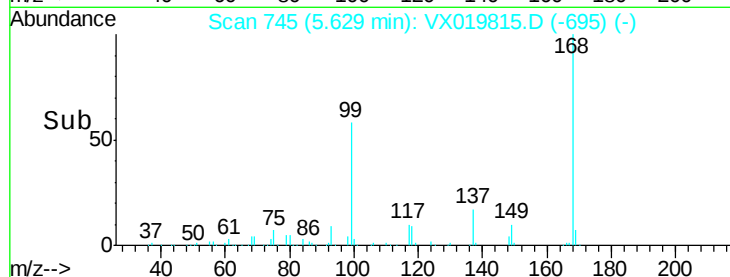
5.63

100000

50000

0

Time--> 5.50 5.60 5.70



#33

1,2-Dichloroethane-d4

Concen: 47.210 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX019815.D

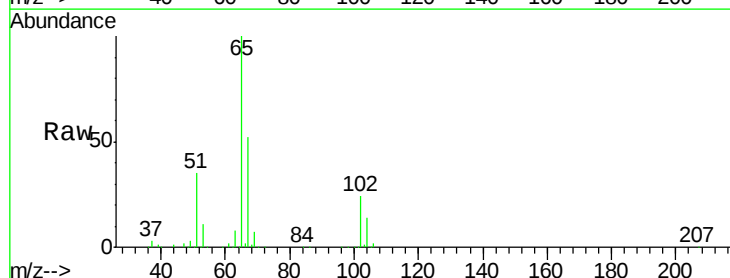
Acq: 10 Dec 2020 11:14

Tgt Ion: 65 Resp: 206350

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

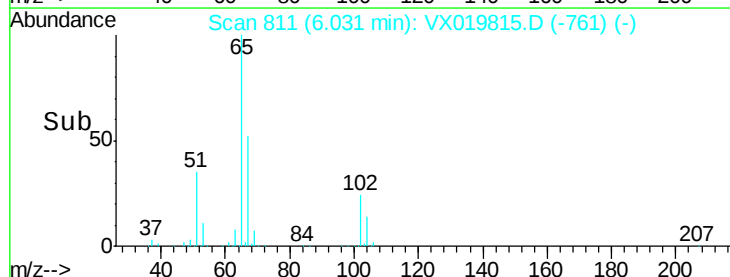
60000

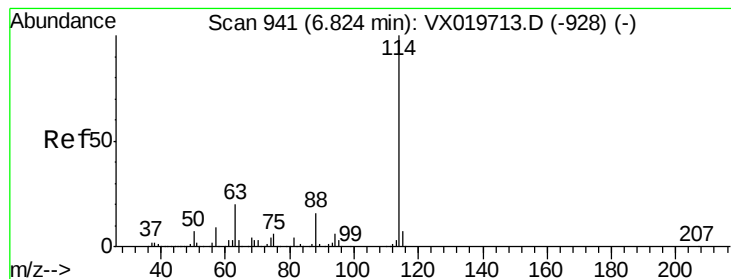
40000

20000

0

Time--> 5.90 6.00 6.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019815.D

Acq: 10 Dec 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

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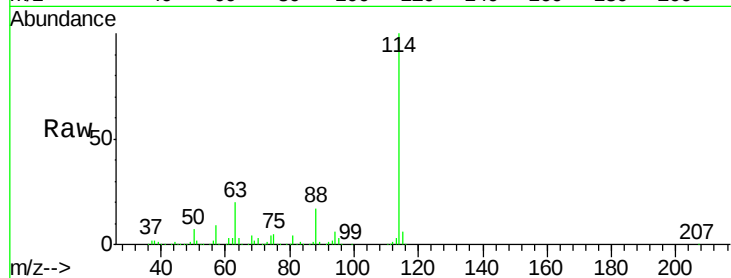
Tot Ion:114 Resp: 548746

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

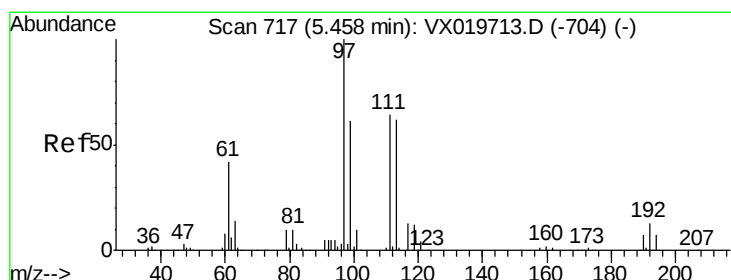
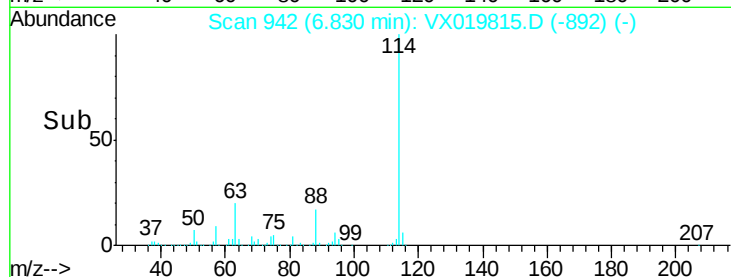
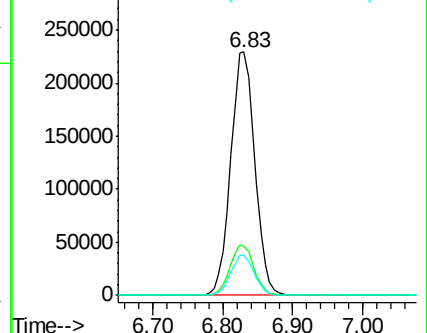
88 16.7 0.0 32.8



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: 46.943 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019815.D

Acq: 10 Dec 2020 11:14

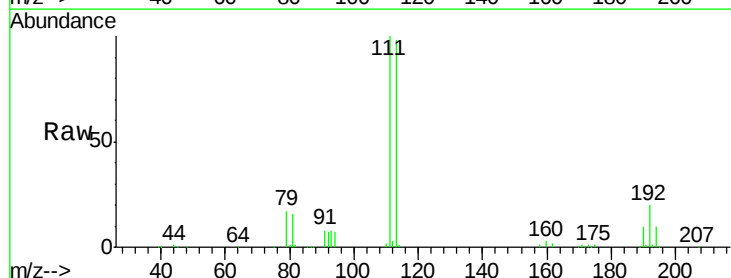
Tgt Ion:113 Resp: 166481

Ion Ratio Lower Upper

113 100

111 103.4 81.9 122.9

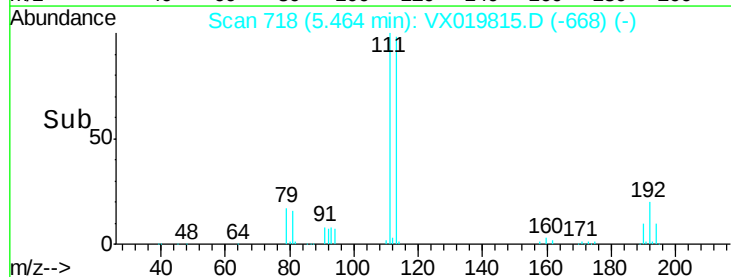
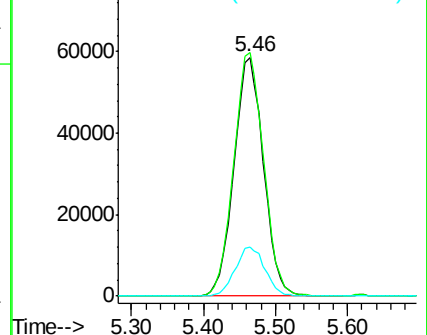
192 20.8 16.7 25.1

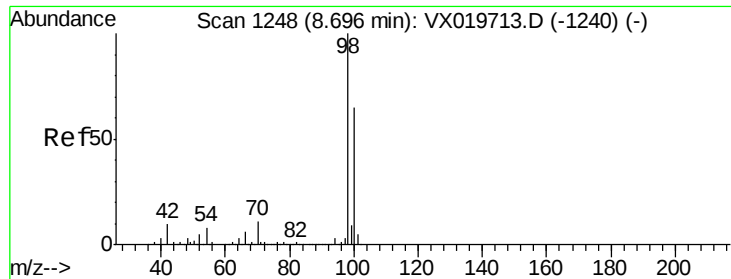


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.459 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019815.D

Acq: 10 Dec 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

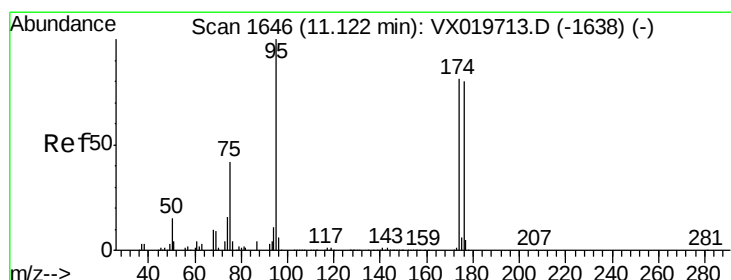
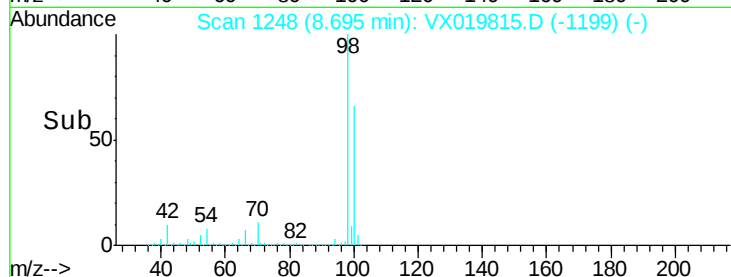
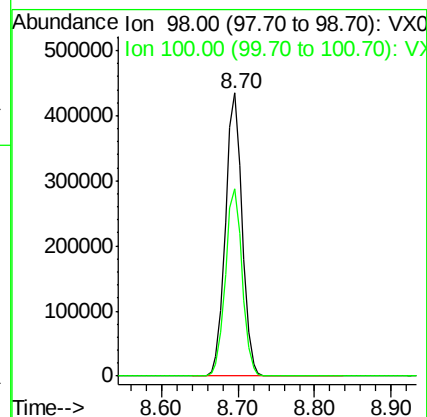
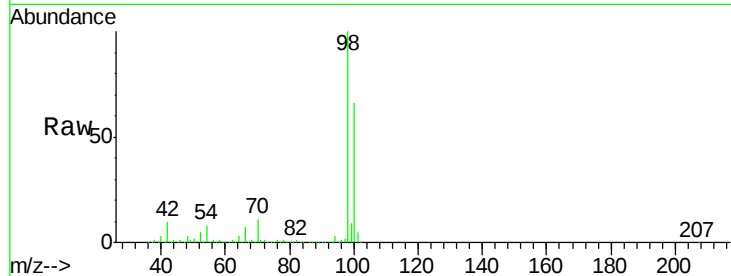
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Tot Ion: 98 Resp: 656105

Ion Ratio Lower Upper

98 100

100 66.6 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 44.738 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019815.D

Acq: 10 Dec 2020 11:14

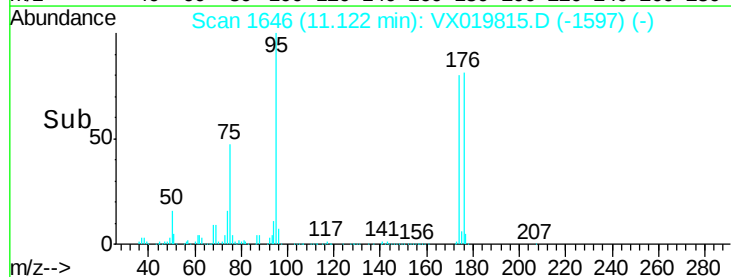
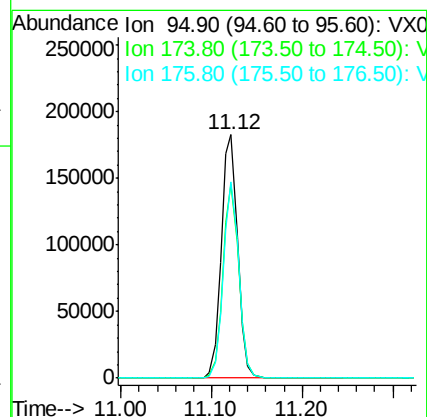
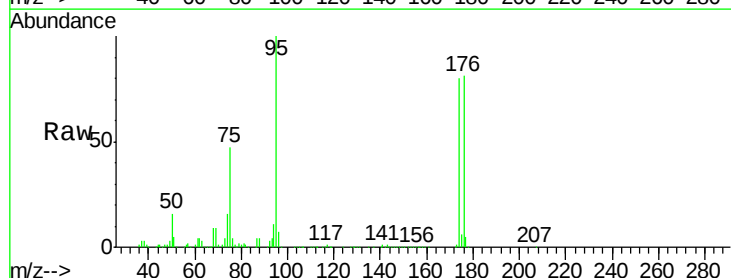
Tgt Ion: 95 Resp: 230546

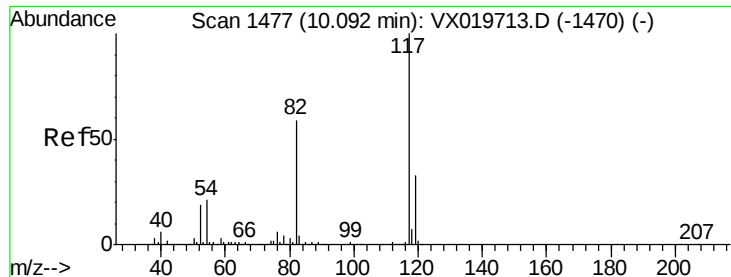
Ion Ratio Lower Upper

95 100

174 76.9 0.0 154.6

176 76.5 0.0 155.8

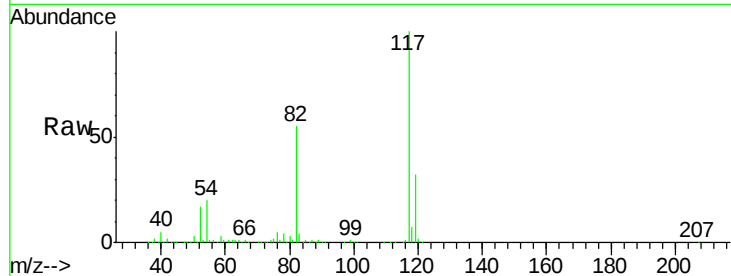




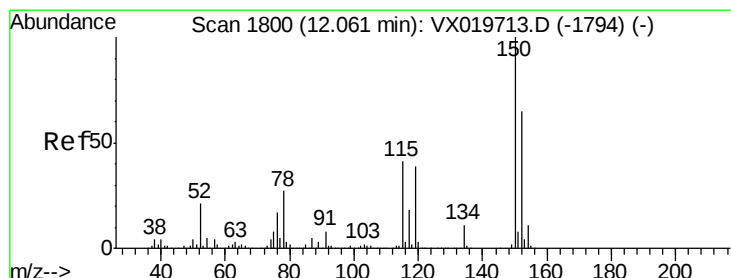
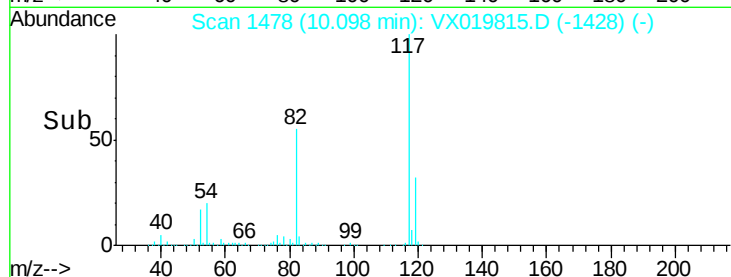
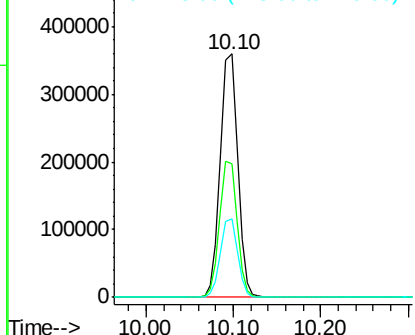
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019815.D
Acq: 10 Dec 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Tot Ion:117 Resp: 497968
Ion Ratio Lower Upper
117 100
82 54.7 47.4 71.2
119 32.1 26.6 39.8

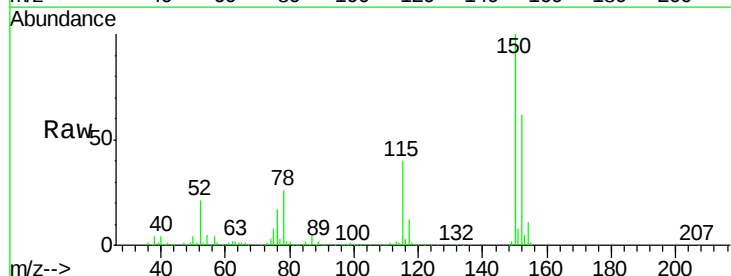


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019815.D
Acq: 10 Dec 2020 11:14

Tgt Ion:152 Resp: 209809
Ion Ratio Lower Upper
152 100
115 61.6 41.1 123.3
150 159.4 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

