

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083119\
 Data File : VX011972.D
 Acq On : 01 Sep 2019 02:09
 Operator : SY/SP
 Sample : K4526-15
 Misc : 5.43g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-G1-(0)

Quant Time: Sep 01 04:13:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	436690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	547879	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	477447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	239261	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	171778	41.06	ug/l	0.00
Spiked Amount			Recovery	=	82.12%	
35) Dibromofluoromethane	5.48	113	157706	44.89	ug/l	0.00
Spiked Amount			Recovery	=	89.78%	
50) Toluene-d8	8.71	98	611751	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	
62) 4-Bromofluorobenzene	11.13	95	221067	40.13	ug/l	0.00
Spiked Amount			Recovery	=	80.26%	

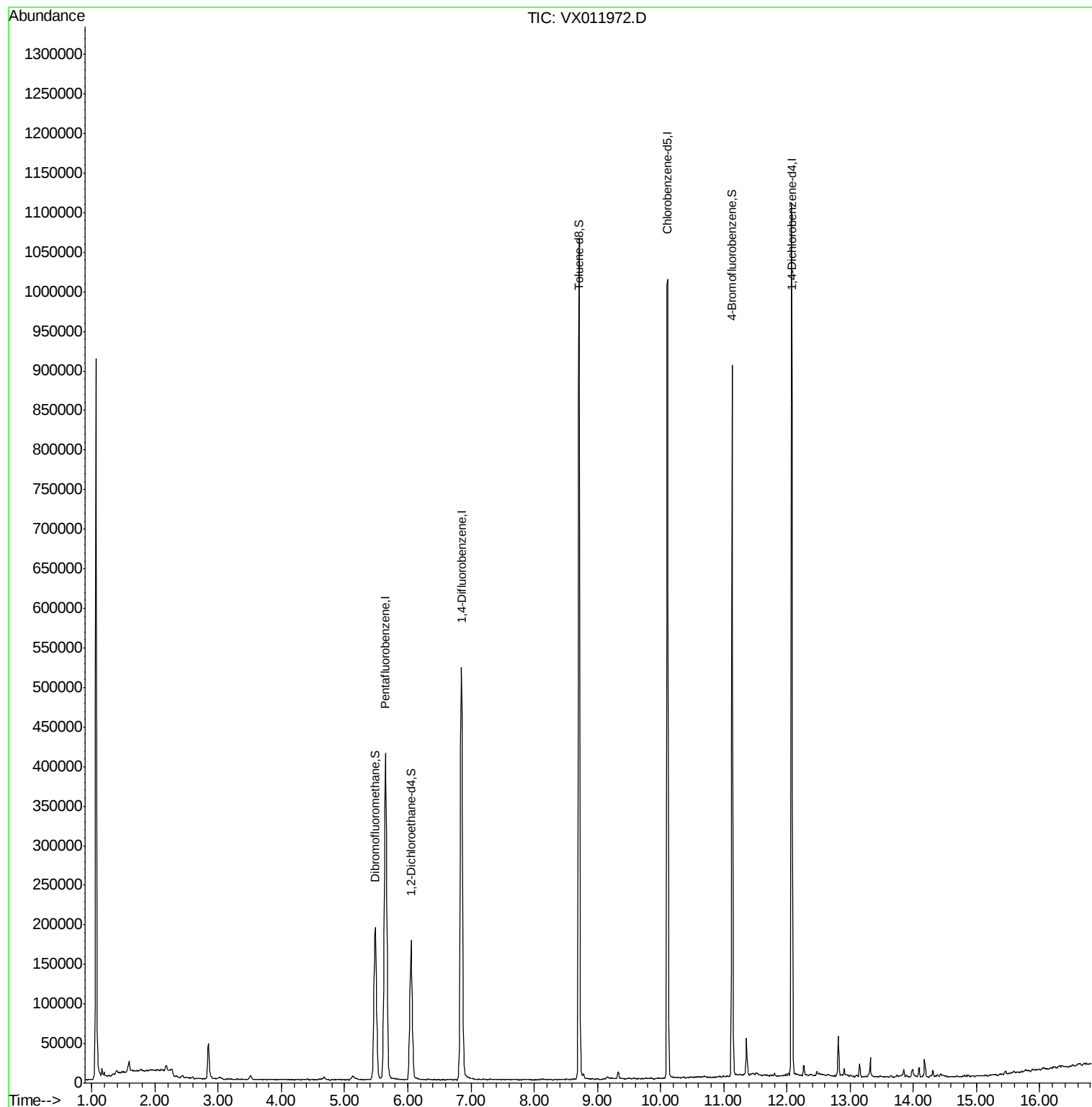
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:59:05 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX011972.D

Acq: 01 Sep 2019 02:09

Instrument :

MSVOA_X

ClientSampleId :

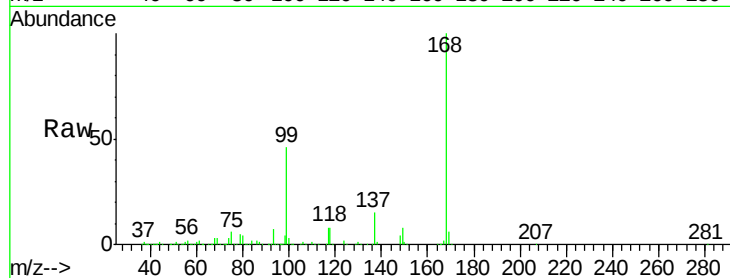
T9-12-13-G1-(0)

Tot Ion:168 Resp: 436690

Ion Ratio Lower Upper

168 100

99 46.1 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

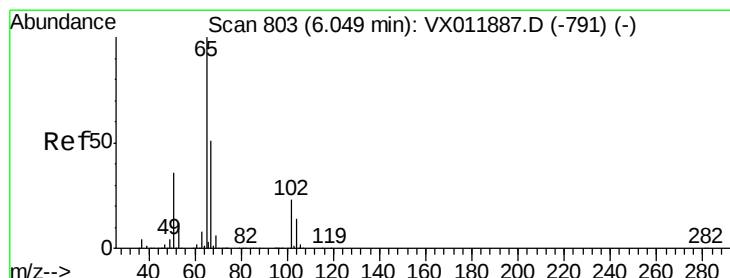
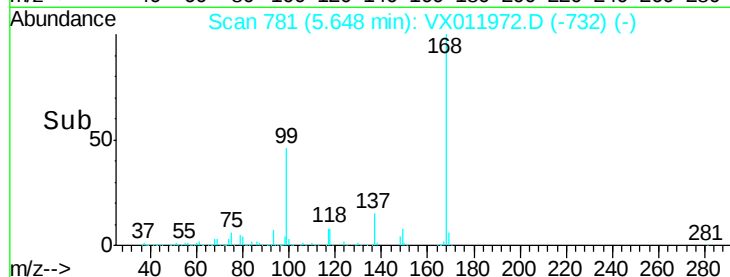
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 41.057 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX011972.D

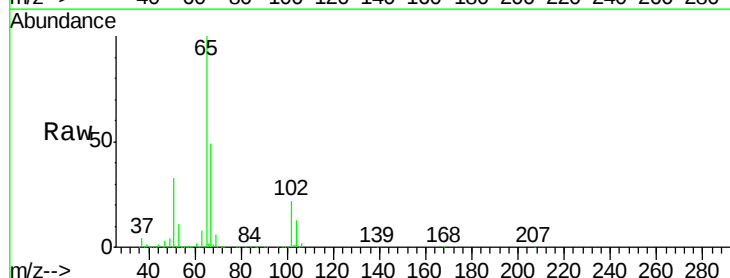
Acq: 01 Sep 2019 02:09

Tgt Ion: 65 Resp: 171778

Ion Ratio Lower Upper

65 100

67 50.4 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

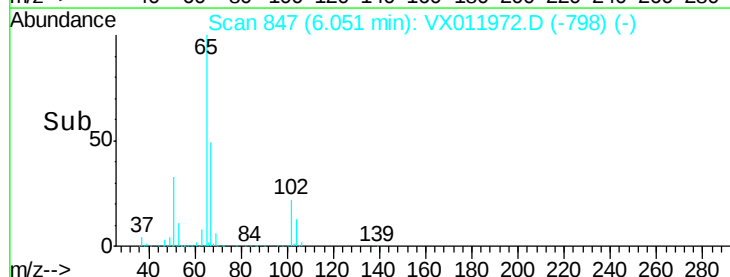
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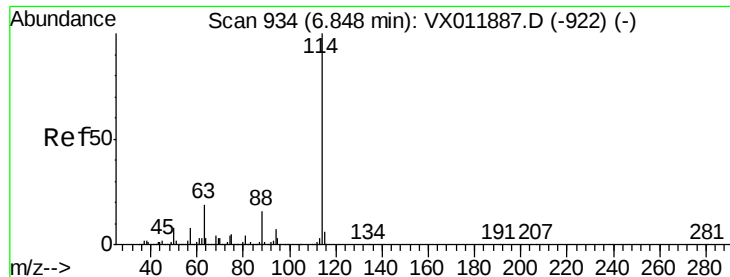
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX011972.D

Acq: 01 Sep 2019 02:09

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-G1-(0)

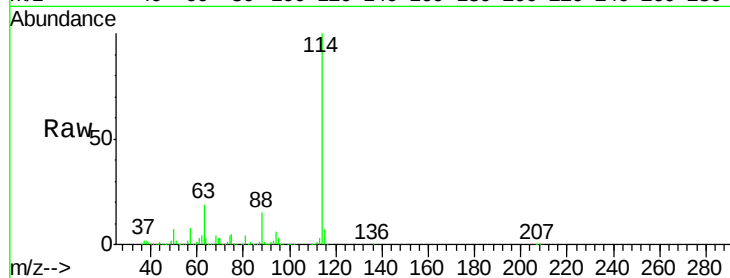
Tot Ion:114 Resp: 547879

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.8

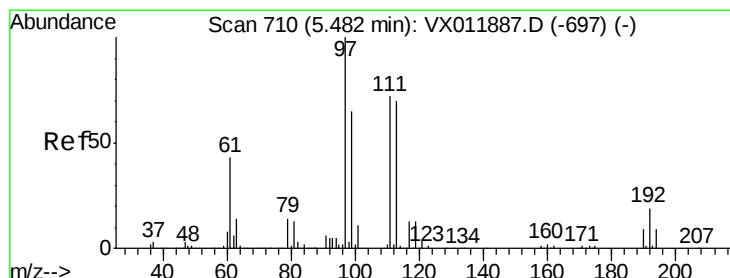
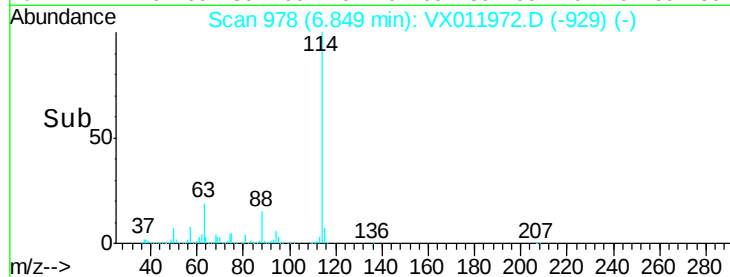
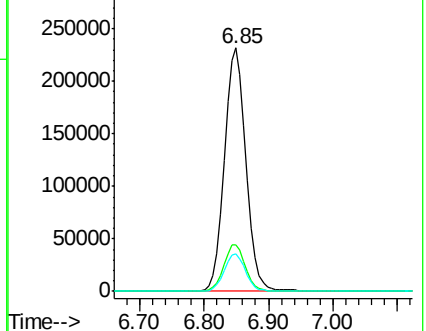
88 15.2 0.0 31.2



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: 44.889 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX011972.D

Acq: 01 Sep 2019 02:09

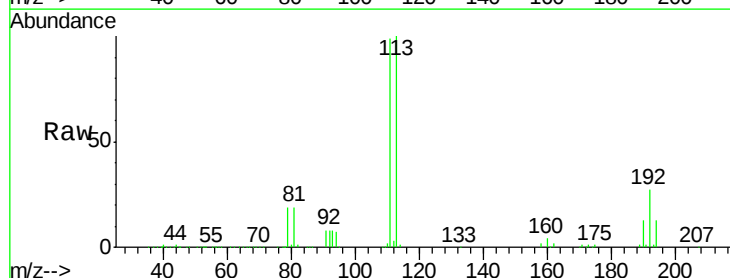
Tgt Ion:113 Resp: 157706

Ion Ratio Lower Upper

113 100

111 101.6 82.1 123.1

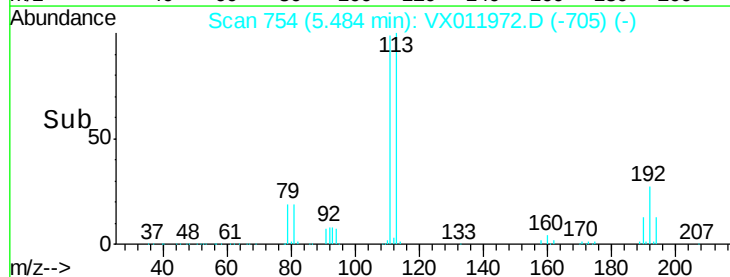
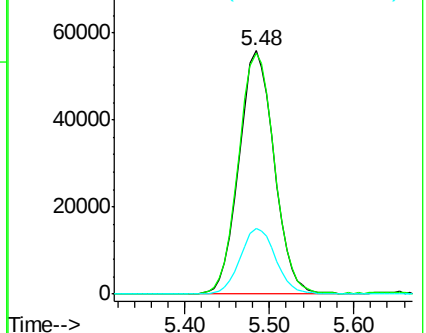
192 27.2 21.5 32.3

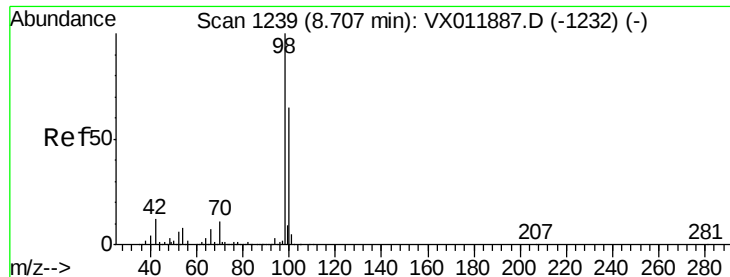


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

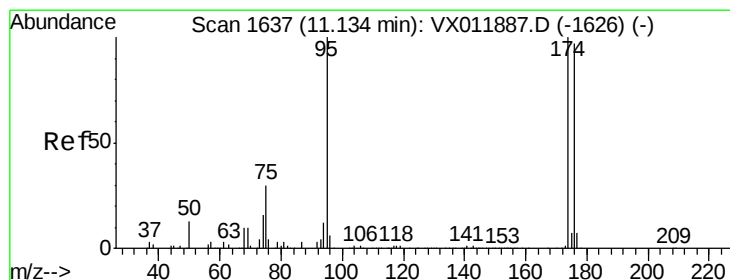
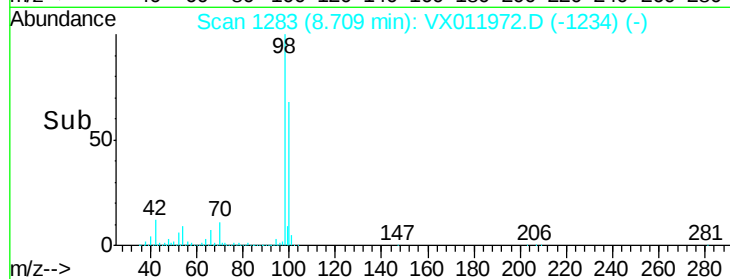
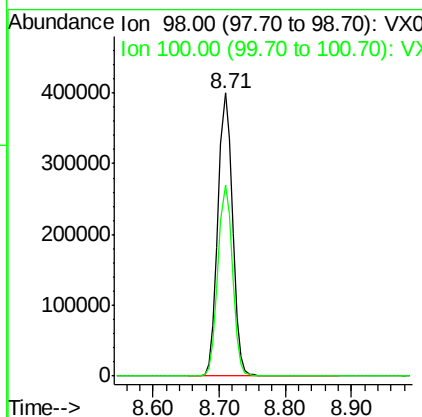
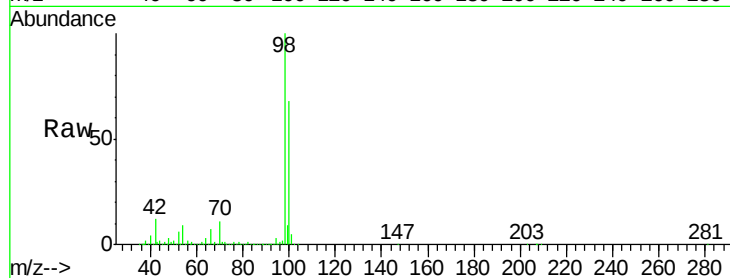




#50
Toluene-d8
Concen: 48.711 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011972.D
Acq: 01 Sep 2019 02:09

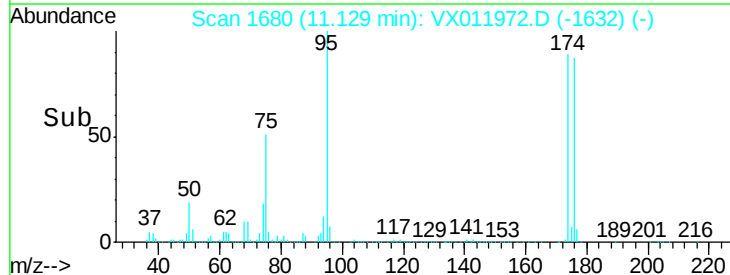
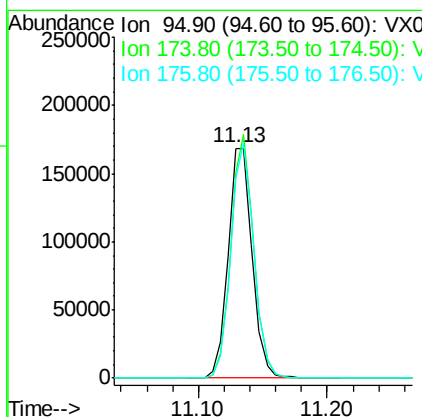
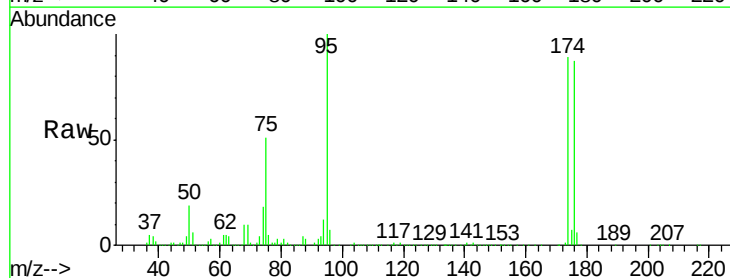
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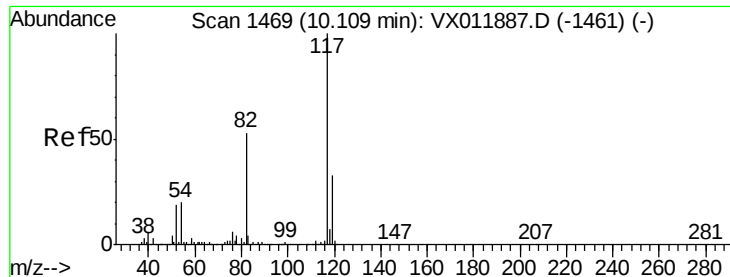
Tot Ion: 98 Resp: 611751
Ion Ratio Lower Upper
98 100
100 67.0 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 40.128 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX011972.D
Acq: 01 Sep 2019 02:09

Tgt Ion: 95 Resp: 221067
Ion Ratio Lower Upper
95 100
174 100.3 0.0 196.0
176 98.0 0.0 191.4

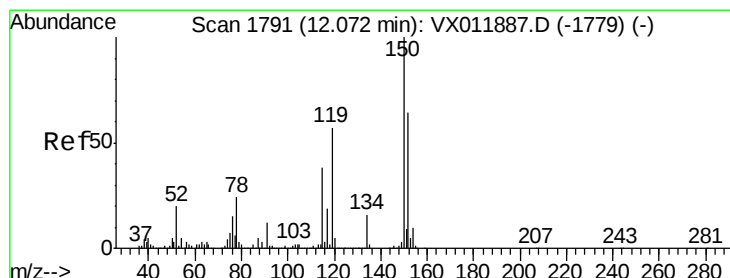
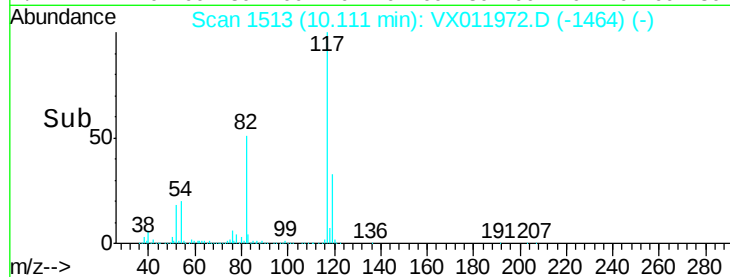
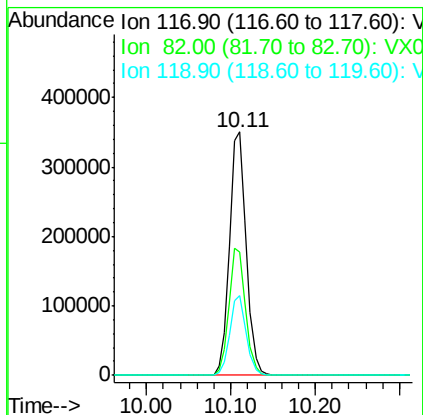
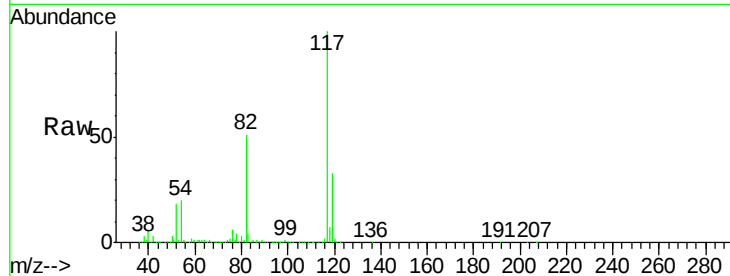




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011972.D
Acq: 01 Sep 2019 02:09

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-G1-(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.6	42.0	63.0
119	32.8	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011972.D
Acq: 01 Sep 2019 02:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.2	37.1	111.3
150	156.0	0.0	339.6

