

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083119\
 Data File : VX011974.D
 Acq On : 01 Sep 2019 03:05
 Operator : SY/SP
 Sample : K4526-17
 Misc : 5.46g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-G1-(1.9)

Quant Time: Sep 01 04:17:10 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

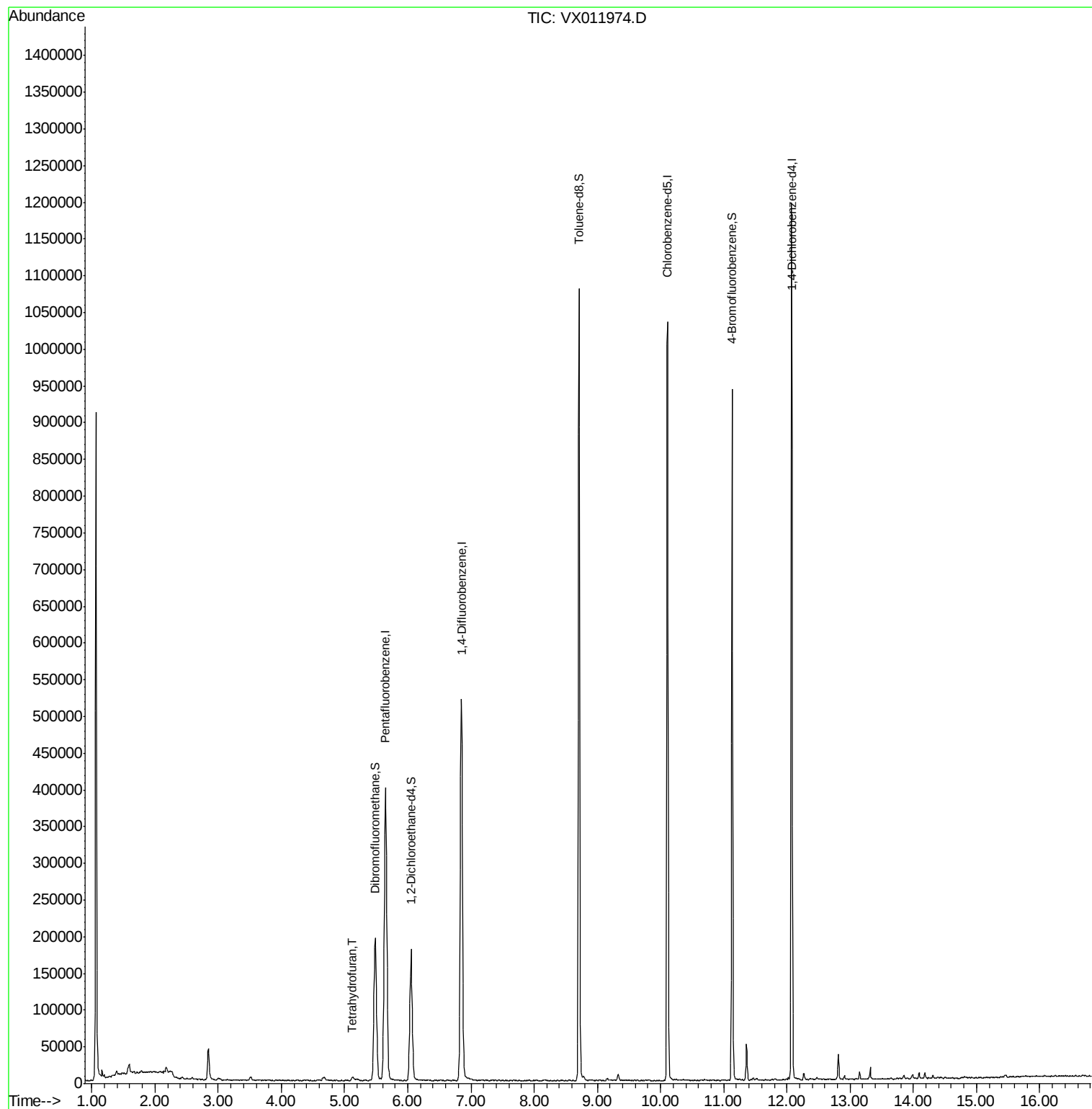
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	427558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	546292	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	485749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	259960	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	172183	42.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.06%	
35) Dibromofluoromethane	5.48	113	157639	45.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.00%	
50) Toluene-d8	8.71	98	614517	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
62) 4-Bromofluorobenzene	11.14	95	231147	42.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.16%	
Target Compounds						
29) Tetrahydrofuran	5.12	42	4216	5.262	ug/l #	Qvalue 84

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX011974.D

Acq: 01 Sep 2019 03:05

Instrument :

MSVOA_X

ClientSampleId :

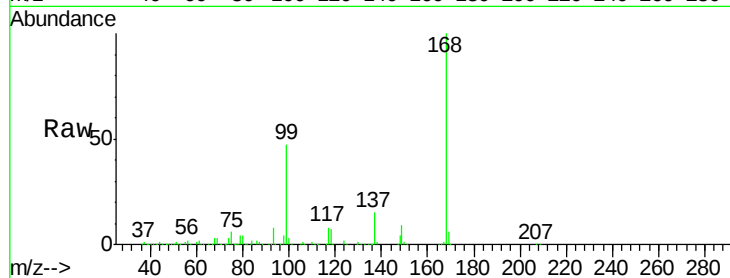
T9-12-13-G1-(1.9)

Tot Ion:168 Resp: 427558

Ion Ratio Lower Upper

168 100

99 46.9 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

100000

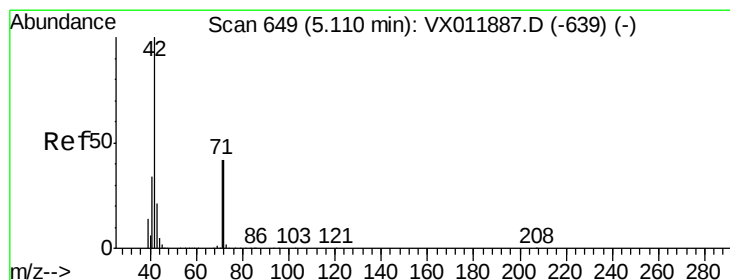
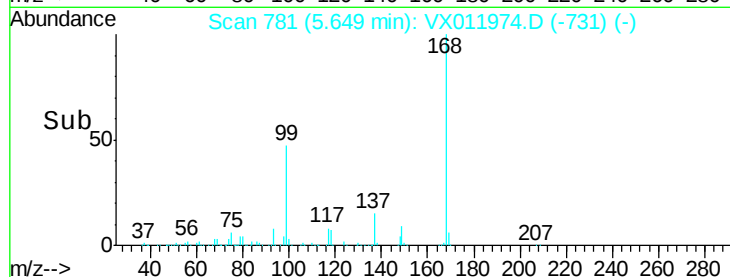
50000

0

5.65

5.60 5.70 5.80

Time-->



#29

Tetrahydrofuran

Concen: 5.262 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX011974.D

Acq: 01 Sep 2019 03:05

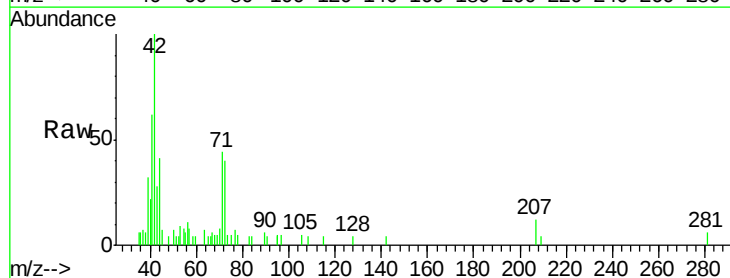
Tgt Ion: 42 Resp: 4216

Ion Ratio Lower Upper

42 100

72 53.7 36.2 54.4

71 29.3 33.1 49.7#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

1500

1000

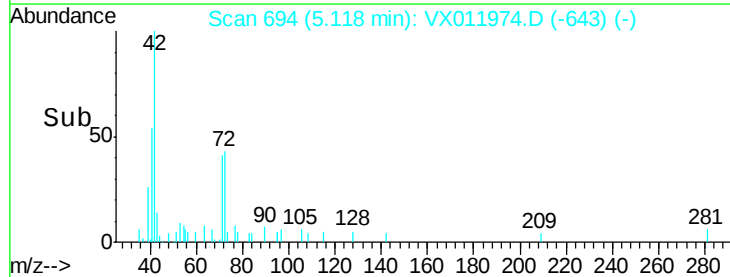
500

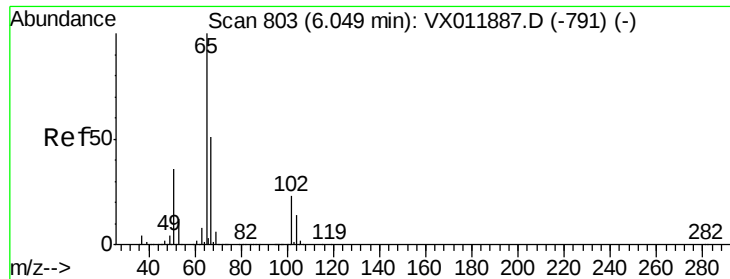
0

5.12

5.05 5.10 5.15 5.20 5.25

Time-->

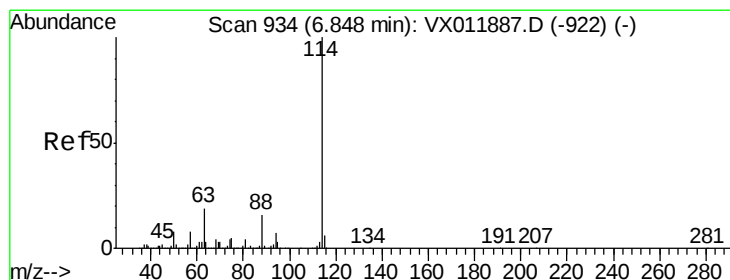
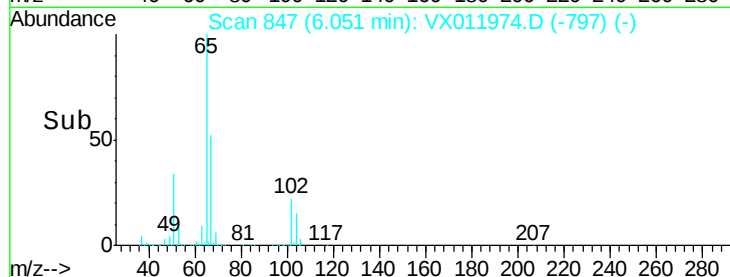
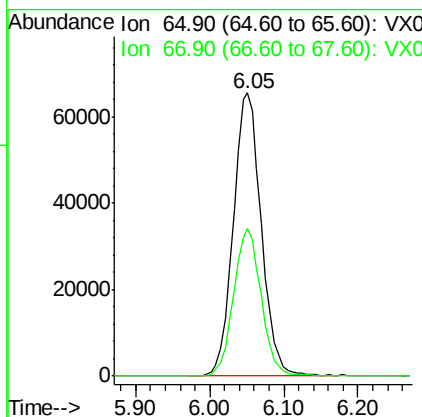
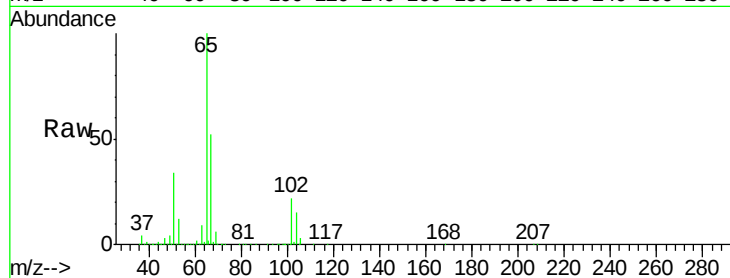




#33
 1,2-Dichloroethane-d4
 Concen: 42.032 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX011974.D
 Acq: 01 Sep 2019 03:05

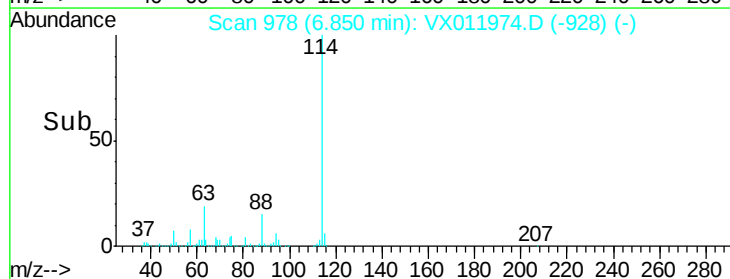
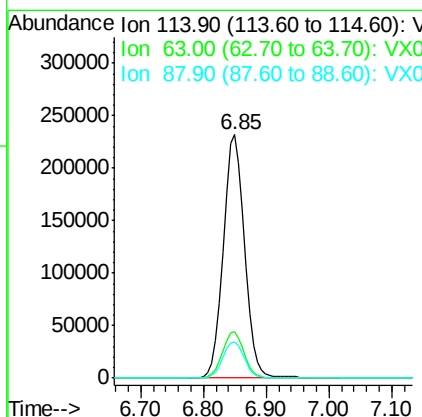
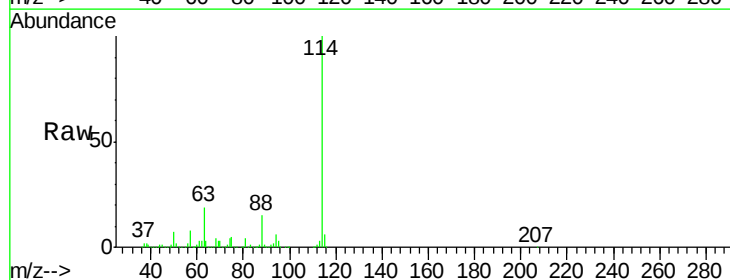
Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-G1-(1.9)

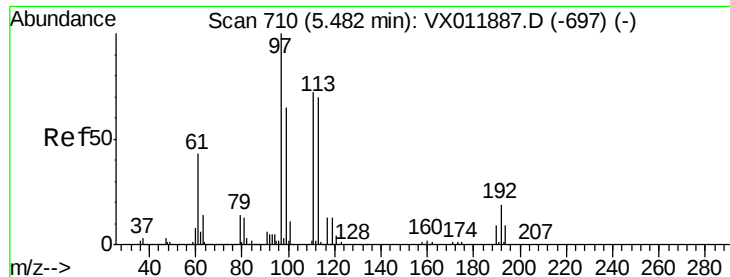
Tot Ion: 65 Resp: 172183
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX011974.D
 Acq: 01 Sep 2019 03:05

Tgt Ion: 114 Resp: 546292
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.8
 88 15.1 0.0 31.2

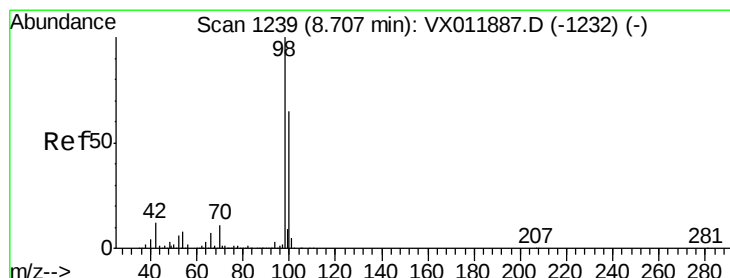
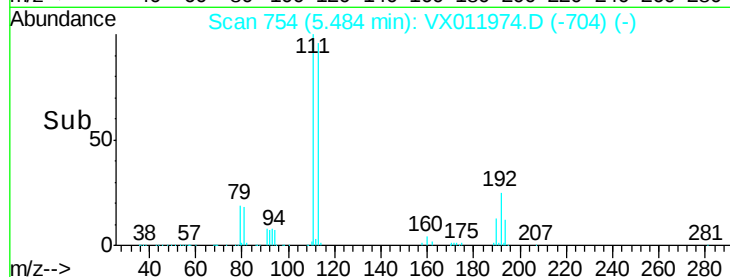
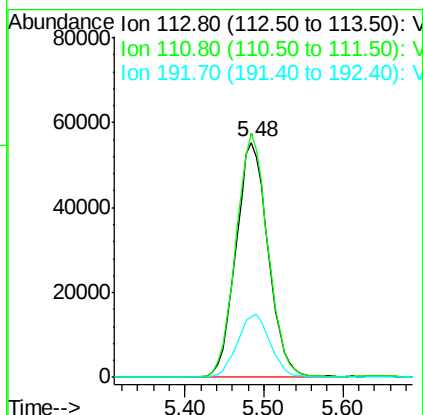
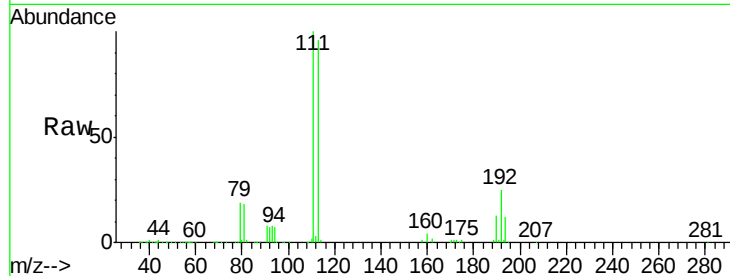




#35
 Dibromofluoromethane
 Concen: 45.000 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX011974.D
 Acq: 01 Sep 2019 03:05

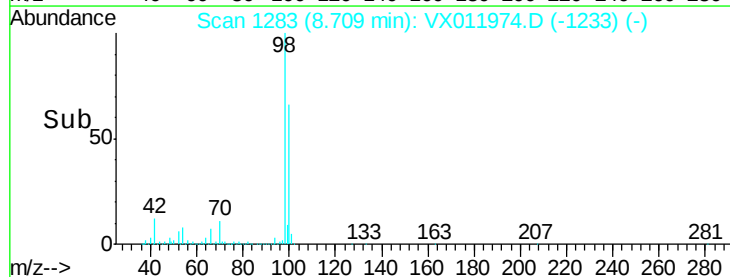
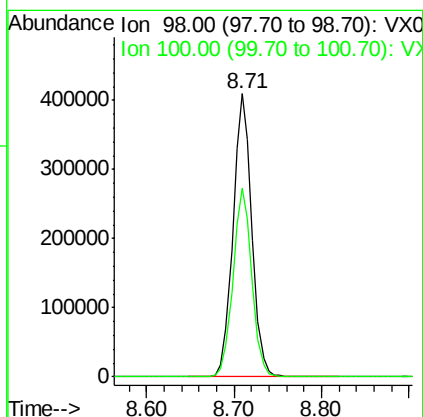
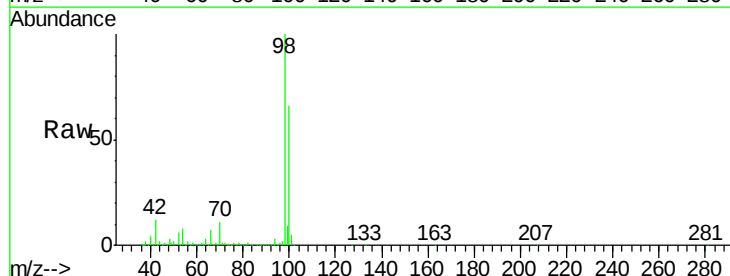
Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-G1-(1.9)

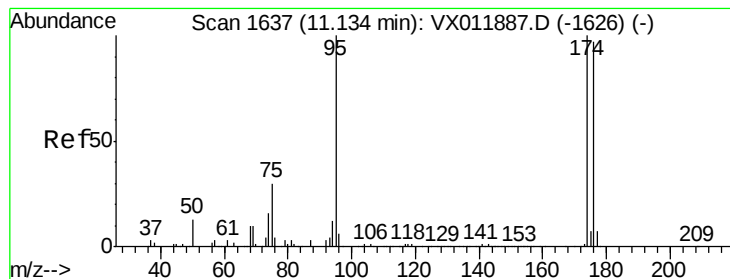
Tot Ion:113 Resp: 157639
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.1 123.1
 192 27.5 21.5 32.3



#50
 Toluene-d8
 Concen: 49.074 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX011974.D
 Acq: 01 Sep 2019 03:05

Tgt Ion: 98 Resp: 614517
 Ion Ratio Lower Upper
 98 100
 100 66.7 53.0 79.6





#62

4-Bromofluorobenzene

Concen: 42.080 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX011974.D

Acq: 01 Sep 2019 03:05

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-G1-(1.9)

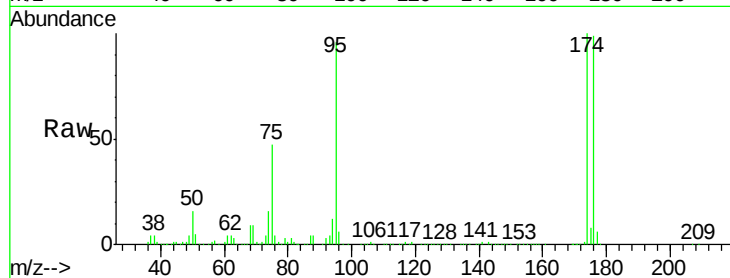
Tot Ion: 95 Resp: 231147

Ion Ratio Lower Upper

95 100

174 99.6 0.0 196.0

176 97.1 0.0 191.4

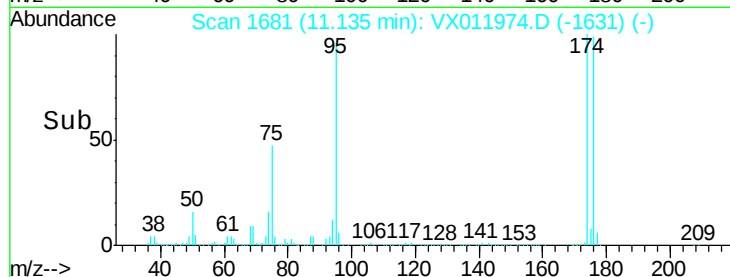


Abundance Ion 94.90 (94.60 to 95.60): VX011887.D (-1626) (-)

Ion 173.80 (173.50 to 174.50): VX011887.D (-1626) (-)

Ion 175.80 (175.50 to 176.50): VX011887.D (-1626) (-)

Time-->



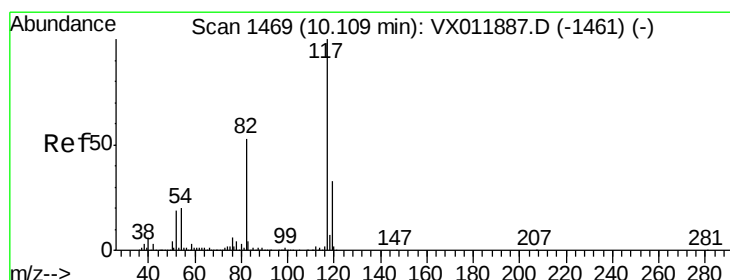
Abundance

Ion 94.90 (94.60 to 95.60): VX011887.D (-1626) (-)

Ion 173.80 (173.50 to 174.50): VX011887.D (-1626) (-)

Ion 175.80 (175.50 to 176.50): VX011887.D (-1626) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX011974.D

Acq: 01 Sep 2019 03:05

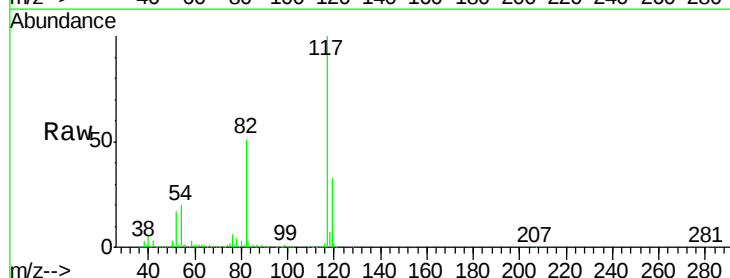
Tgt Ion: 117 Resp: 485749

Ion Ratio Lower Upper

117 100

82 50.5 42.0 63.0

119 32.7 26.2 39.4

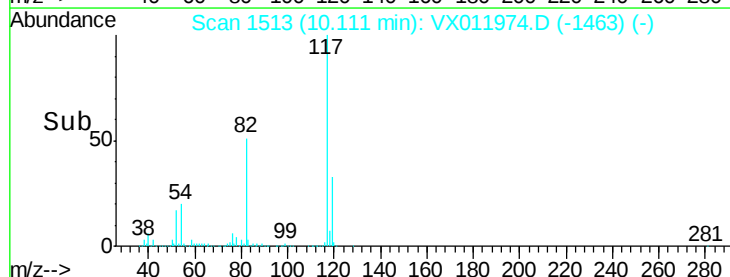


Abundance Ion 116.90 (116.60 to 117.60): VX011887.D (-1461) (-)

Ion 82.00 (81.70 to 82.70): VX011887.D (-1461) (-)

Ion 118.90 (118.60 to 119.60): VX011887.D (-1461) (-)

Time-->



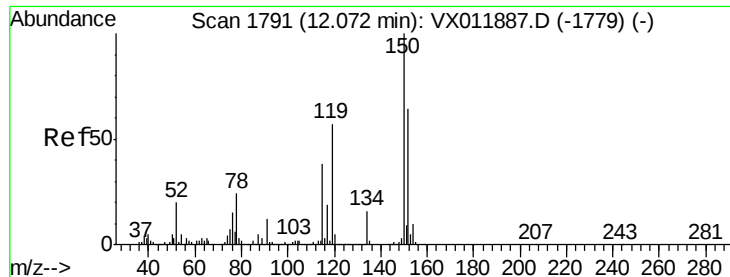
Abundance

Ion 116.90 (116.60 to 117.60): VX011887.D (-1461) (-)

Ion 82.00 (81.70 to 82.70): VX011887.D (-1461) (-)

Ion 118.90 (118.60 to 119.60): VX011887.D (-1461) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX011974.D

Acq: 01 Sep 2019 03:05

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-G1-(1.9)

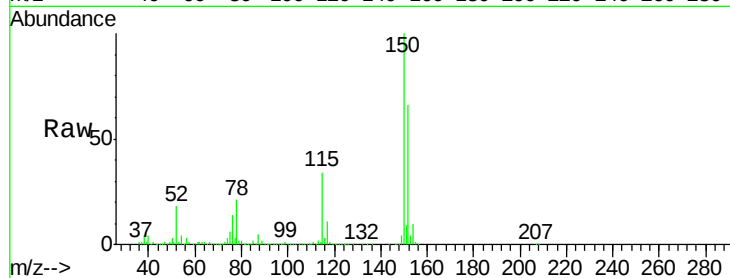
Tot Ion:152 Resp: 259960

Ion Ratio Lower Upper

152 100

115 52.1 37.1 111.3

150 153.4 0.0 339.6



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

