

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091418\
 Data File : VX004570.D
 Acq On : 15 Sep 2018 08:02
 Operator : JC/MD
 Sample : J4925-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0243

Quant Time: Sep 17 01:17:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	270286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	383265	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	346233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204873	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	178057	51.09	ug/l	0.00
Spiked Amount			Recovery	=	102.18%	
35) Dibromofluoromethane	5.51	113	154621	44.09	ug/l	0.00
Spiked Amount			Recovery	=	88.18%	
50) Toluene-d8	8.71	98	516927	43.95	ug/l	0.00
Spiked Amount			Recovery	=	87.90%	
62) 4-Bromofluorobenzene	11.14	95	185189	44.11	ug/l	0.00
Spiked Amount			Recovery	=	88.22%	

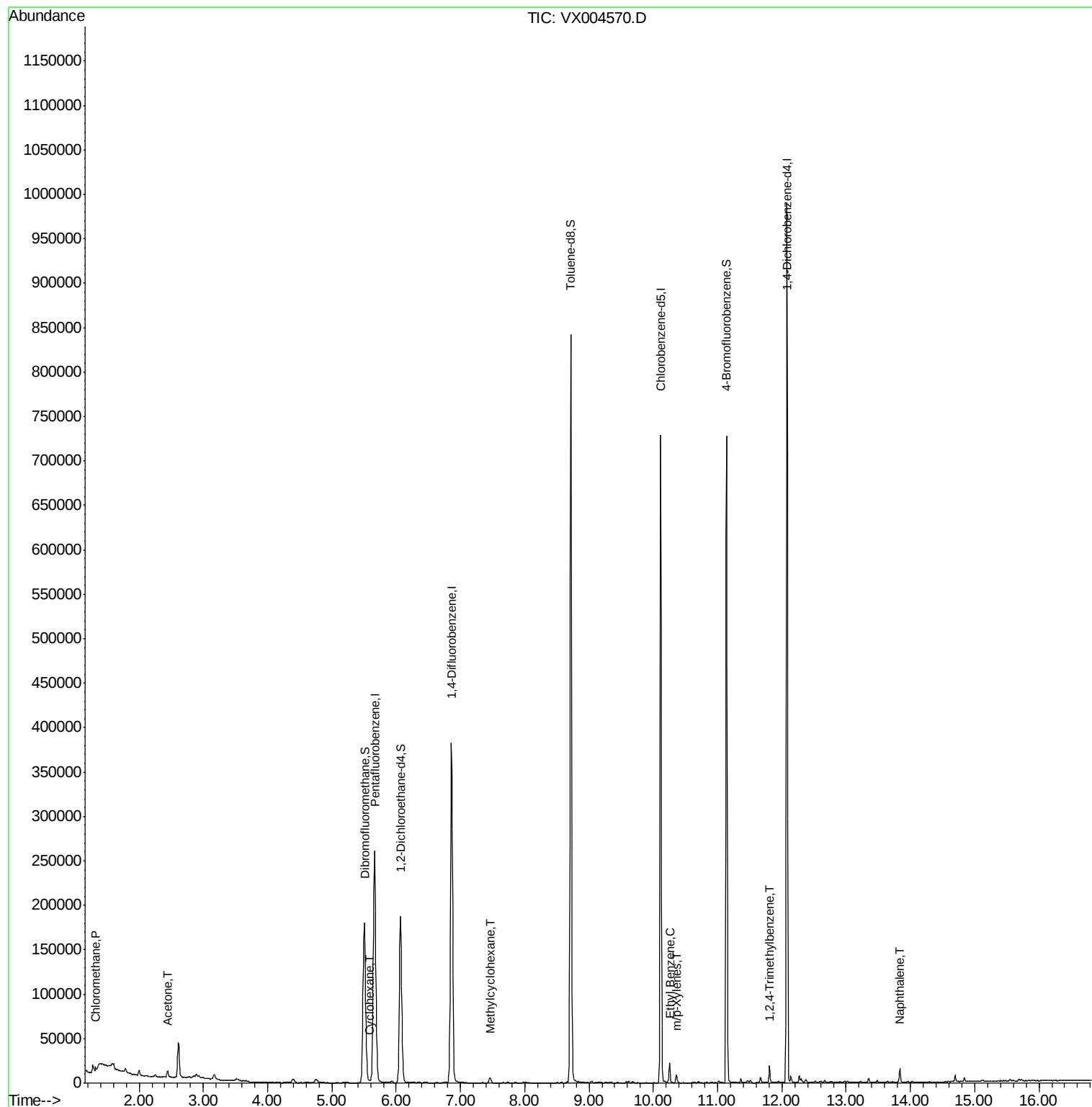
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	3402	0.98	ug/l	94
16) Acetone	2.45	43	7483	4.40	ug/l	95
31) Cyclohexane	5.59	56	1708	0.34	ug/l #	76
39) Methylcyclohexane	7.46	83	2514	0.52	ug/l	86
67) Ethyl Benzene	10.26	91	12827	0.92	ug/l	99
68) m/p-Xylenes	10.36	106	2050	0.38	ug/l	93
84) 1,2,4-Trimethylbenzene	11.81	105	8700	0.75	ug/l	98
95) Naphthalene	13.83	128	10700	0.77	ug/l	99

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX004570.D

Acq: 15 Sep 2018 08:02

Instrument :

MSVOA_X

ClientSampleId :

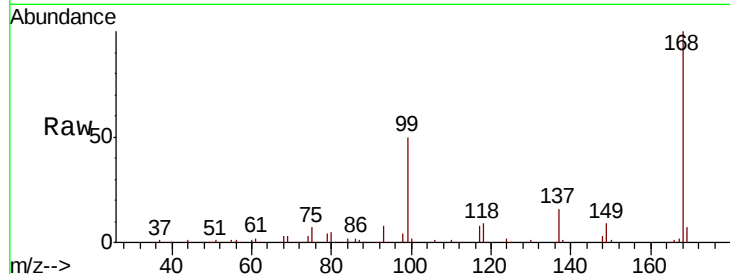
S13-0243

Tot Ion:168 Resp: 270286

Ion Ratio Lower Upper

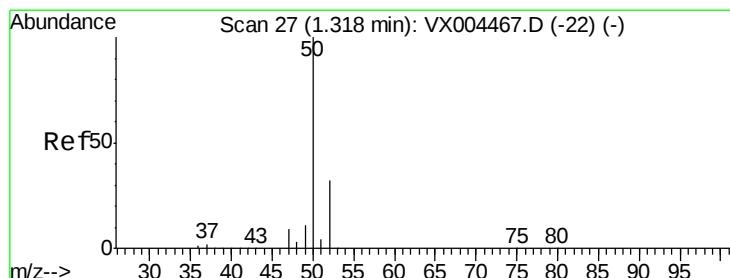
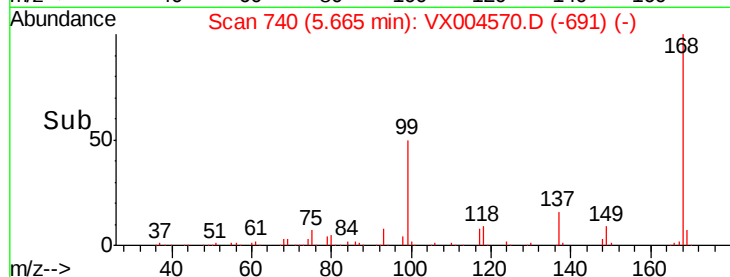
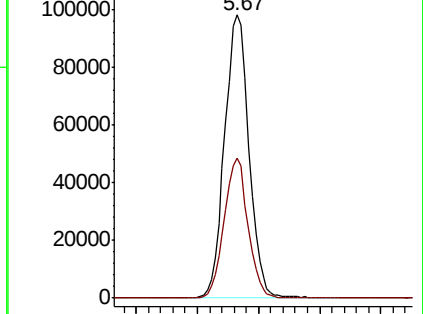
168 100

99 49.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.98 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004570.D

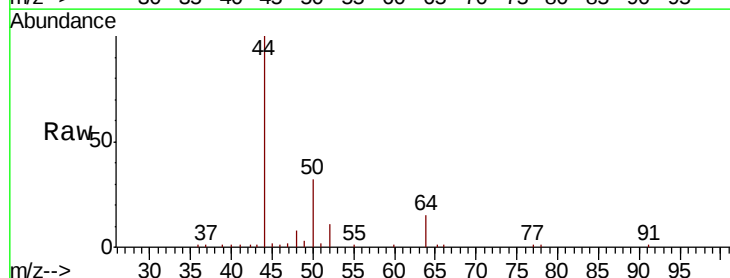
Acq: 15 Sep 2018 08:02

Tgt Ion: 50 Resp: 3402

Ion Ratio Lower Upper

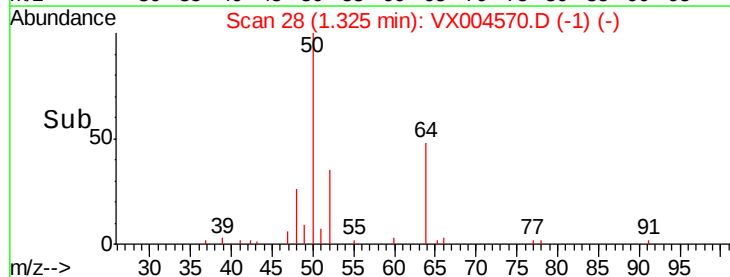
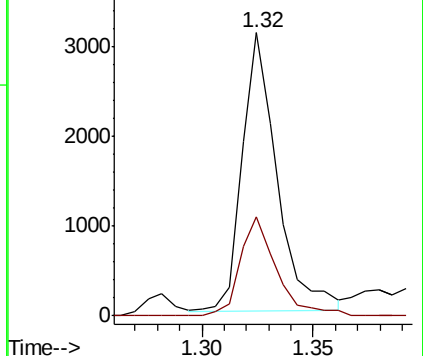
50 100

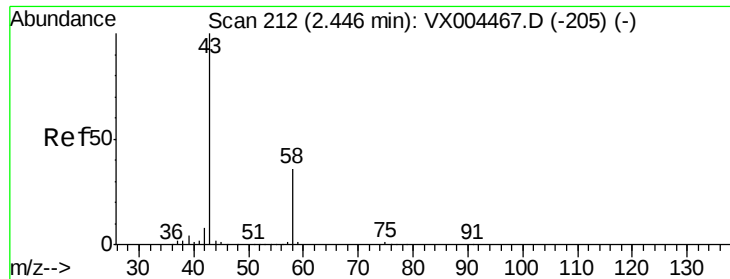
52 35.8 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#16

Acetone

Concen: 4.40 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004570.D

Acq: 15 Sep 2018 08:02

Instrument :

MSVOA_X

ClientSampled :

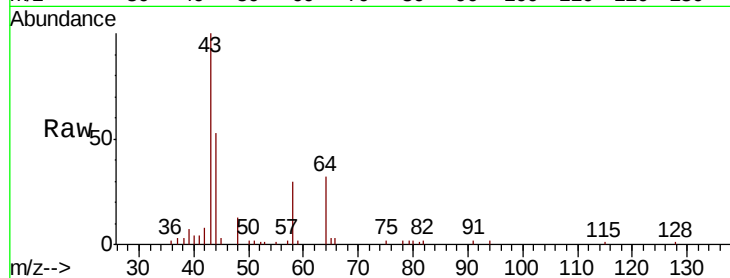
S13-0243

Tot Ion: 43 Resp: 7483

Ion Ratio Lower Upper

43 100

58 30.1 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

5000

4000

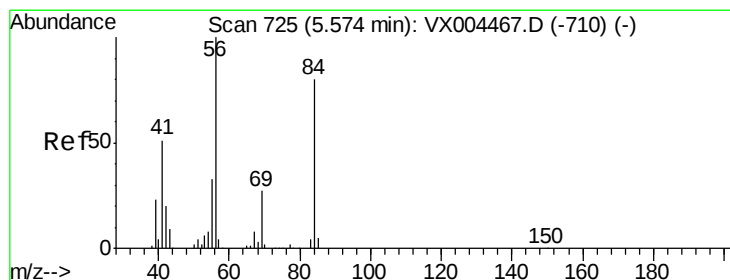
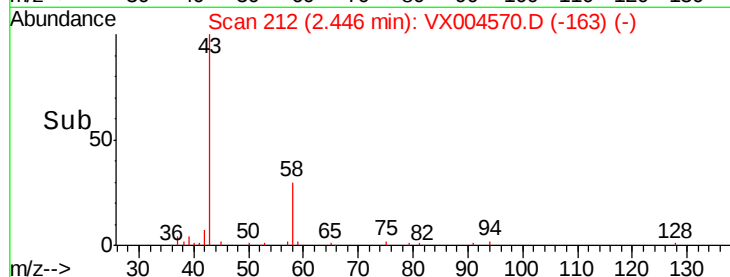
3000

2000

1000

0

Time-->



#31

Cyclohexane

Concen: 0.34 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX004570.D

Acq: 15 Sep 2018 08:02

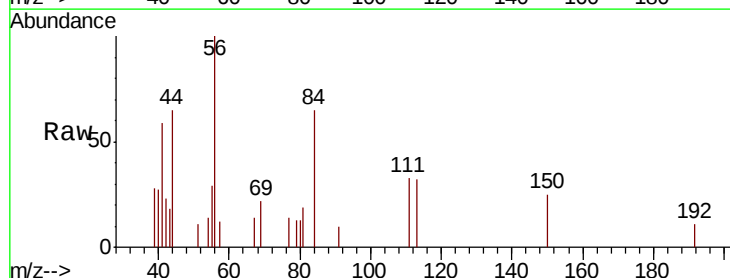
Tgt Ion: 56 Resp: 1708

Ion Ratio Lower Upper

56 100

69 21.5 25.4 38.2#

84 65.2 71.4 107.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

4000

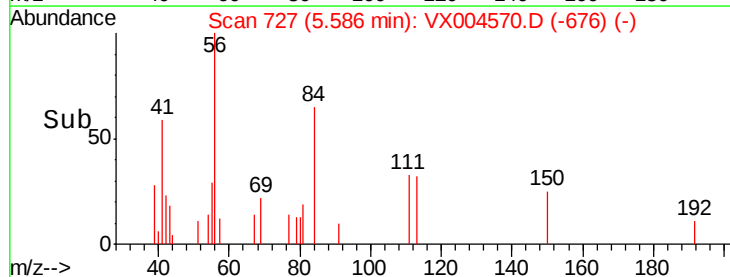
3000

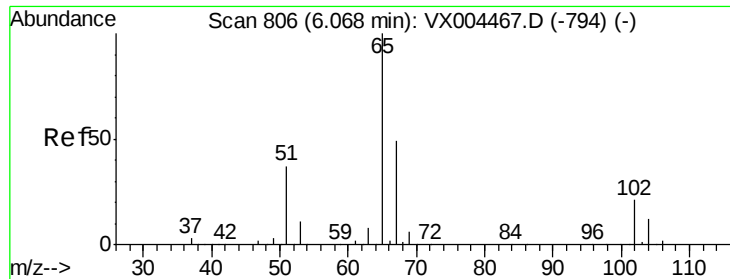
2000

1000

0

Time-->

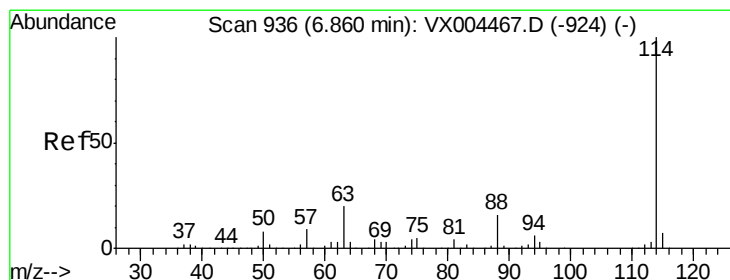
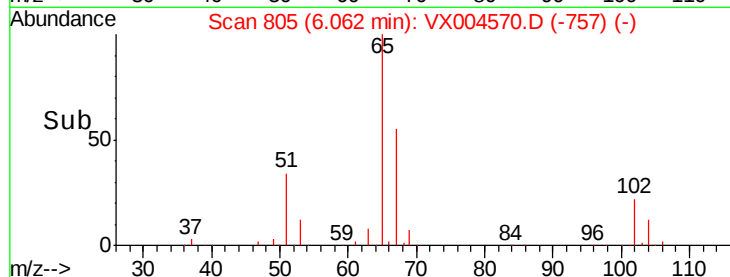
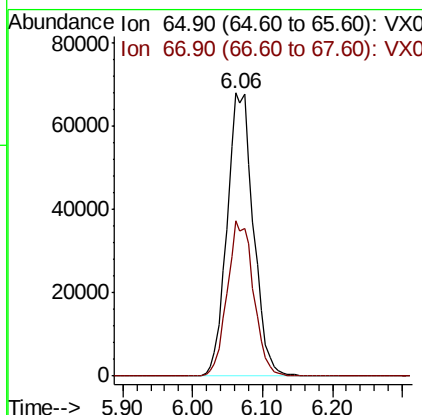
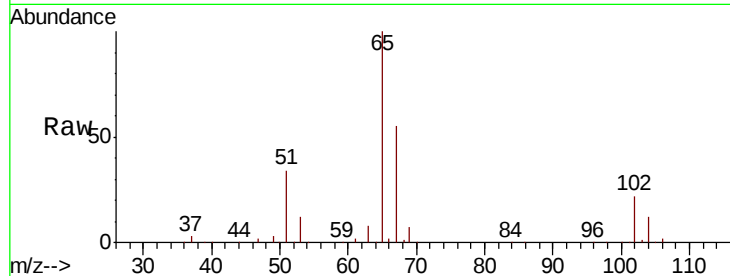




#33
 1,2-Dichloroethane-d4
 Concen: 51.09 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX004570.D
 Acq: 15 Sep 2018 08:02

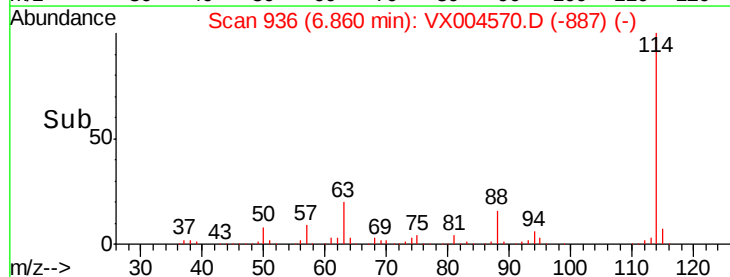
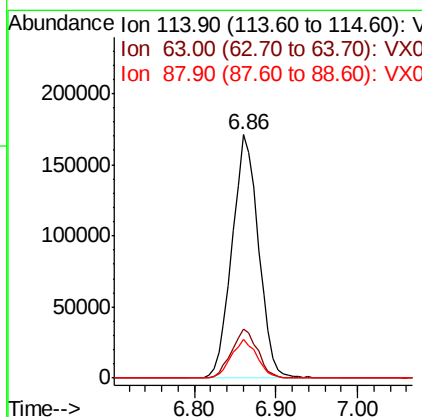
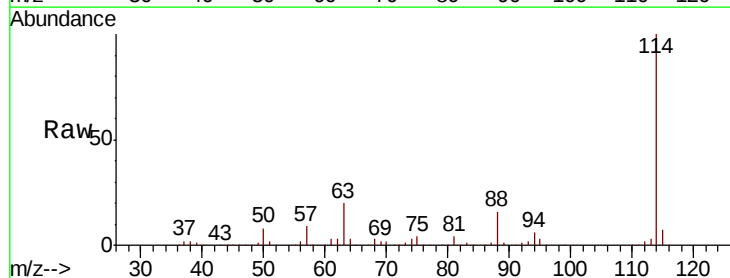
Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0243

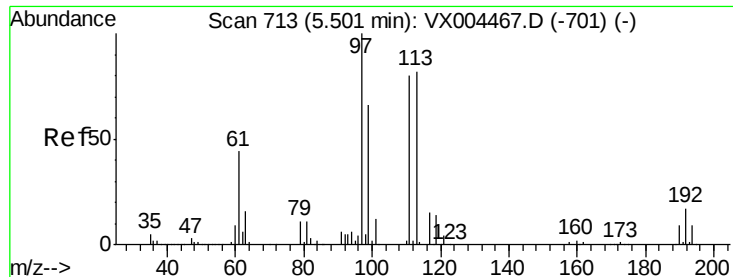
Tot Ion: 65 Resp: 178057
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004570.D
 Acq: 15 Sep 2018 08:02

Tgt Ion: 114 Resp: 383265
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.0
 88 15.8 0.0 30.4





#35

Dibromofluoromethane

Concen: 44.09 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004570.D

Acq: 15 Sep 2018 08:02

Instrument :

MSVOA_X

ClientSampleId :

S13-0243

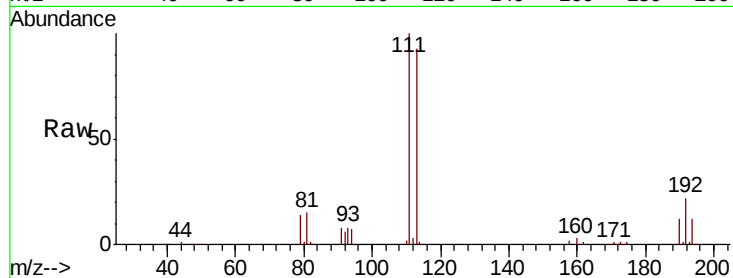
Tot Ion:113 Resp: 154621

Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

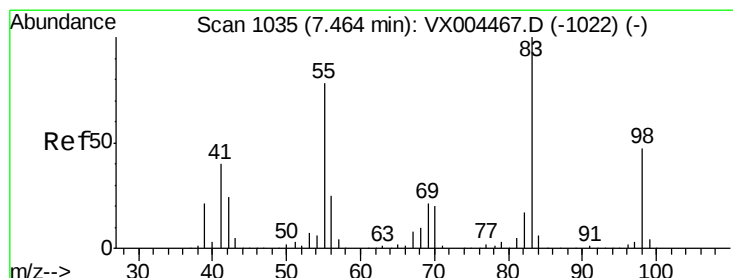
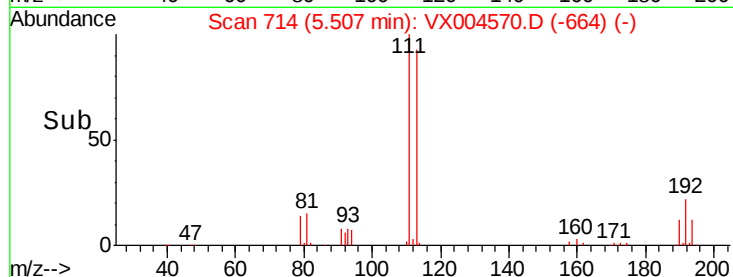
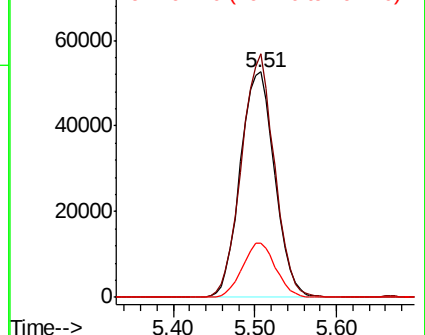
192 23.3 19.4 29.2



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



#39

Methylcyclohexane

Concen: 0.52 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX004570.D

Acq: 15 Sep 2018 08:02

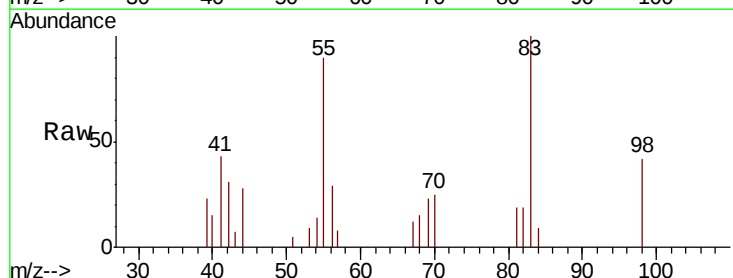
Tgt Ion: 83 Resp: 2514

Ion Ratio Lower Upper

83 100

55 90.3 61.0 91.4

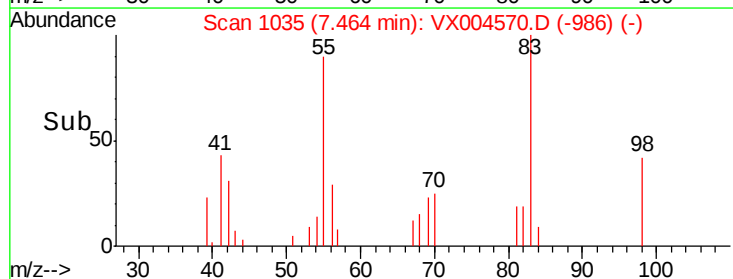
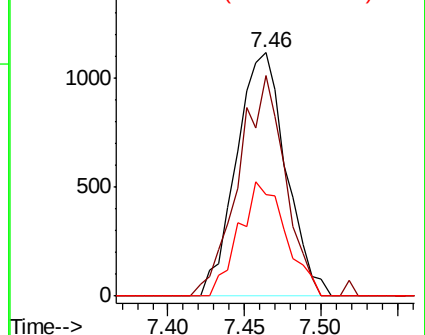
98 41.6 39.6 59.4

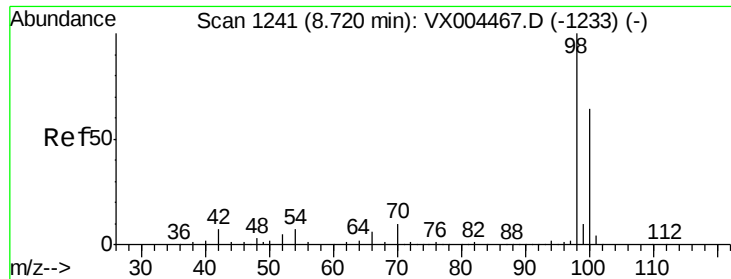


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 43.95 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004570.D

Acq: 15 Sep 2018 08:02

Instrument :

MSVOA_X

ClientSampleId :

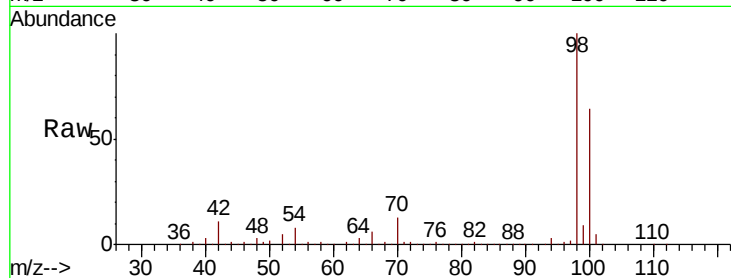
S13-0243

Tot Ion: 98 Resp: 516927

Ion Ratio Lower Upper

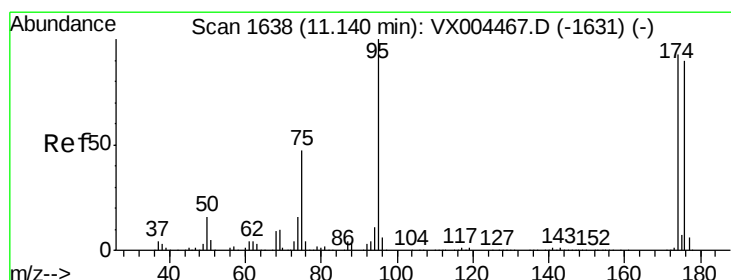
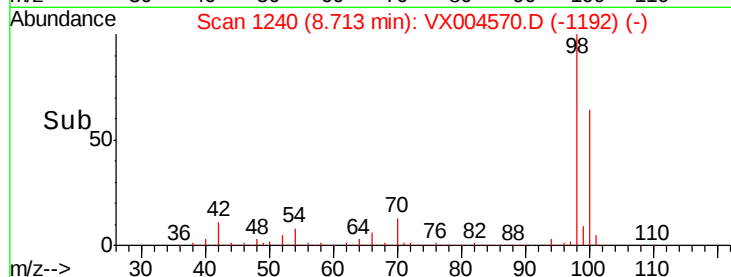
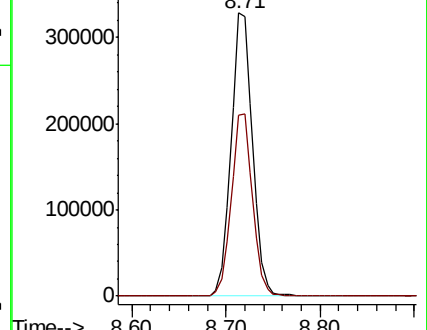
98 100

100 63.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 44.11 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004570.D

Acq: 15 Sep 2018 08:02

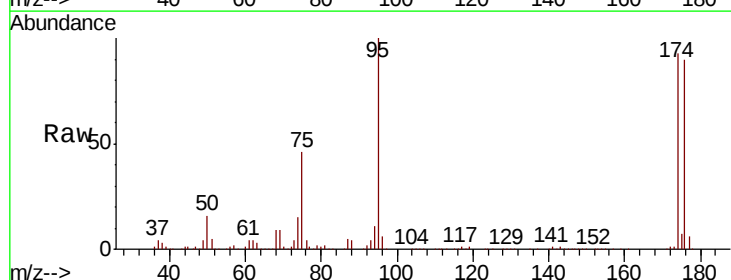
Tgt Ion: 95 Resp: 185189

Ion Ratio Lower Upper

95 100

174 91.2 0.0 185.2

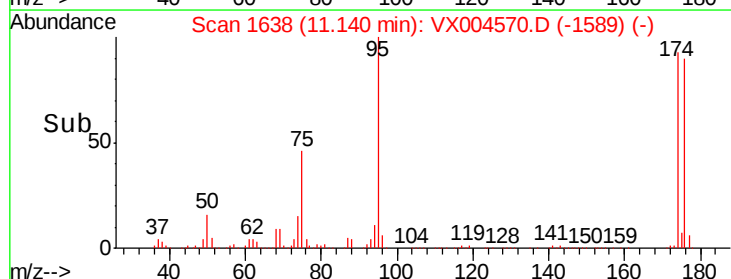
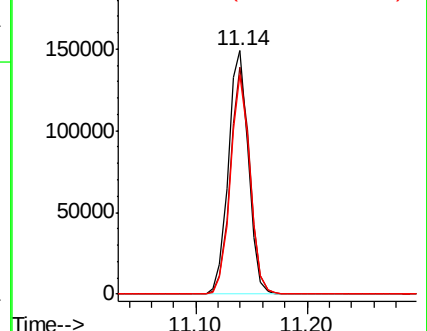
176 87.9 0.0 178.6

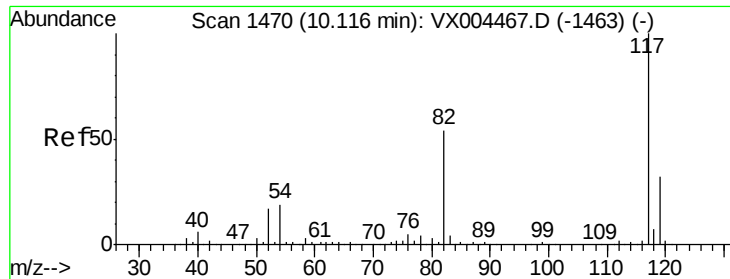


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

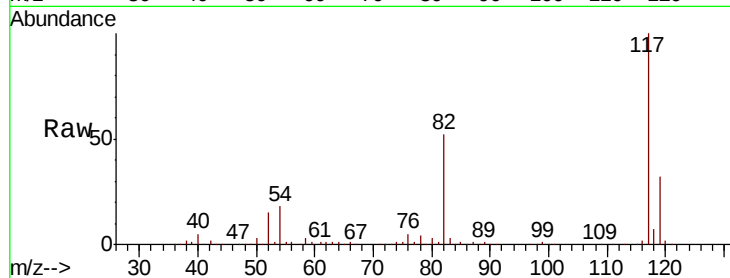




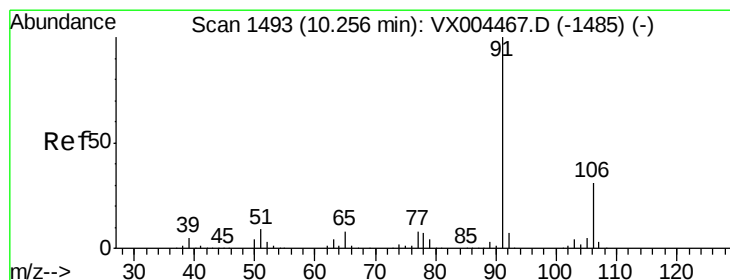
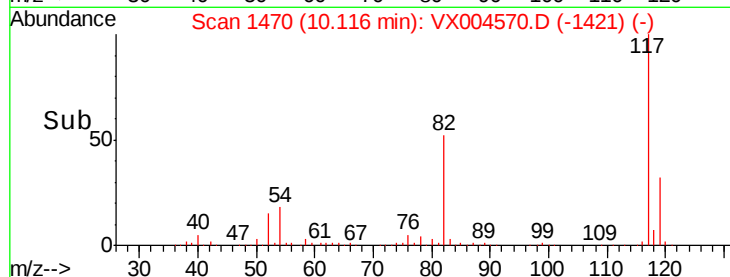
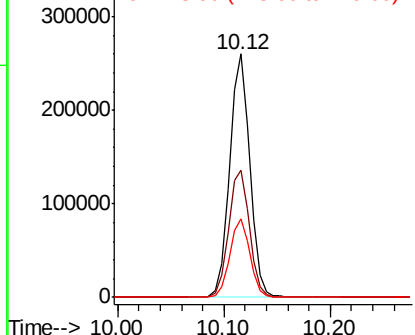
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004570.D
Acq: 15 Sep 2018 08:02

Instrument :
MSVOA_X
ClientSampleId :
S13-0243

Tot Ion:117 Resp: 346233
Ion Ratio Lower Upper
117 100
82 52.1 47.8 71.6
119 32.3 29.3 43.9

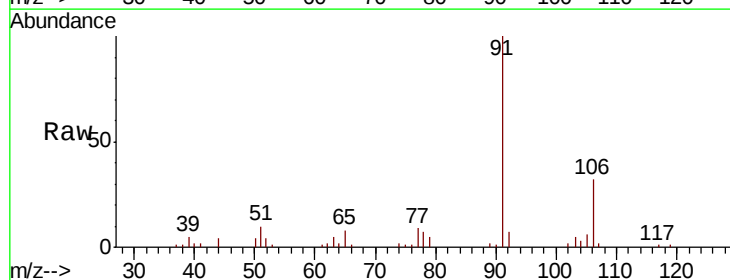


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

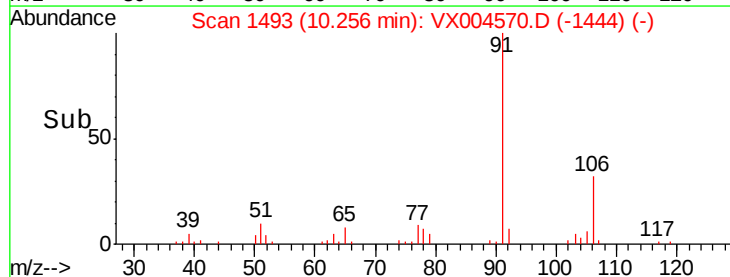
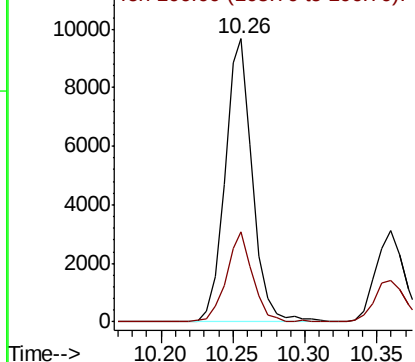


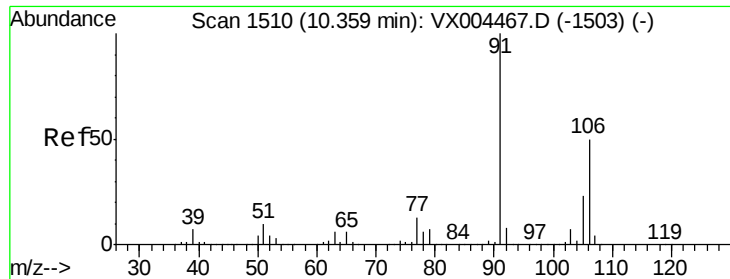
#67
Ethyl Benzene
Concen: 0.92 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004570.D
Acq: 15 Sep 2018 08:02

Tgt Ion: 91 Resp: 12827
Ion Ratio Lower Upper
91 100
106 31.9 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

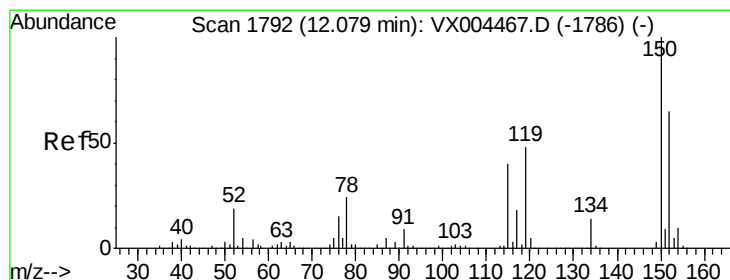
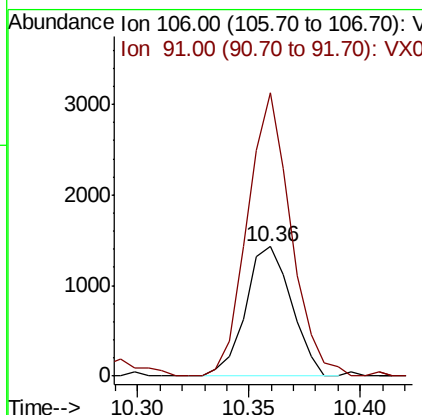
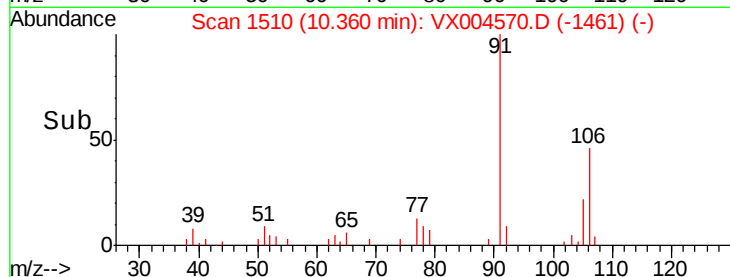
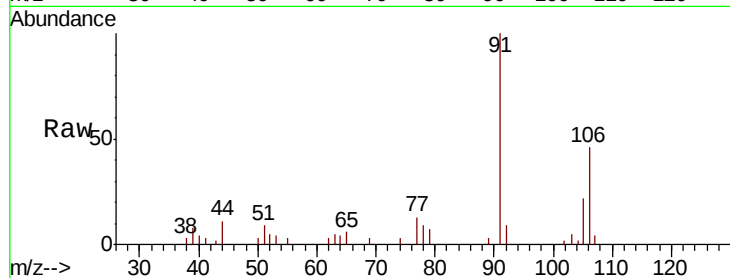




#68
m/p-Xvlenes
Concen: 0.38 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX004570.D
Acq: 15 Sep 2018 08:02

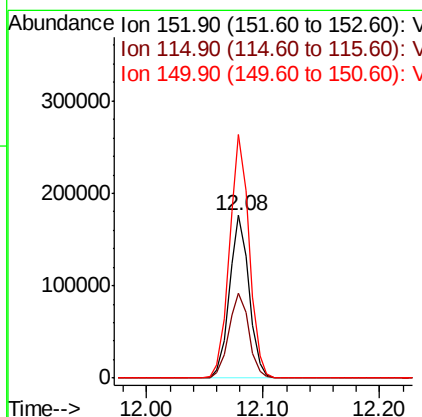
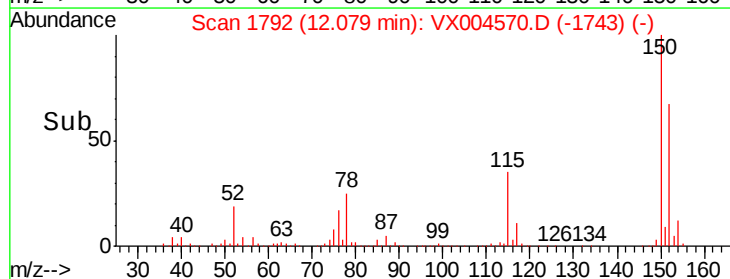
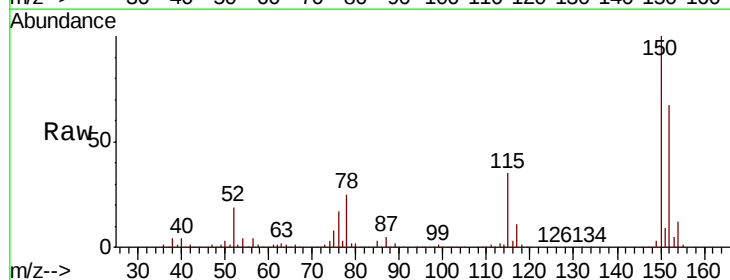
Instrument :
MSVOA_X
ClientSampled :
S13-0243

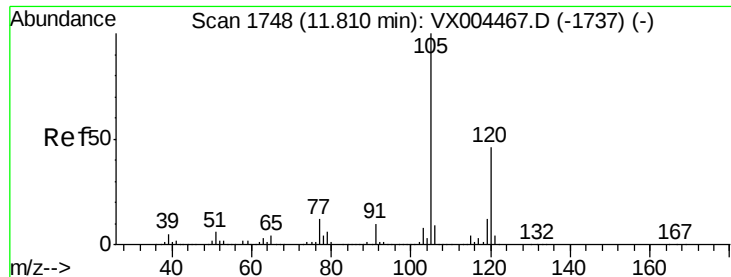
Tot Ion:106 Resp: 2050
Ion Ratio Lower Upper
106 100
91 207.4 157.1 235.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004570.D
Acq: 15 Sep 2018 08:02

Tgt Ion:152 Resp: 204873
Ion Ratio Lower Upper
152 100
115 53.8 39.0 117.0
150 151.2 0.0 351.0

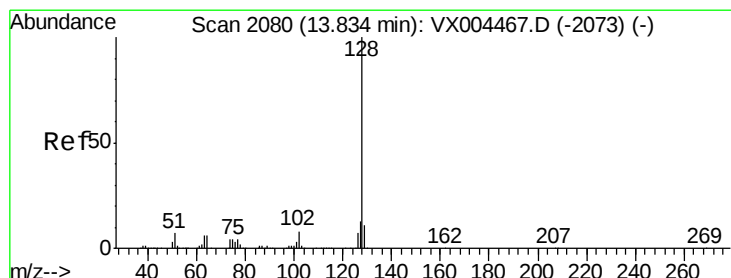
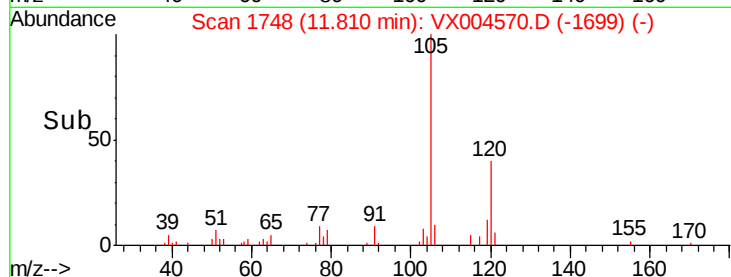
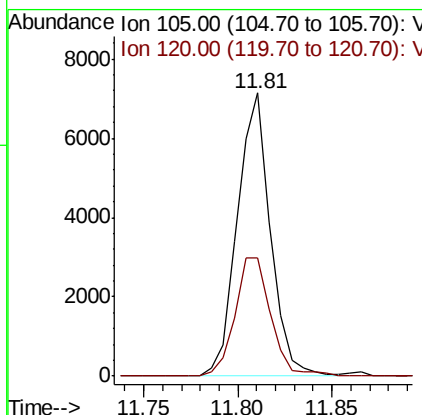
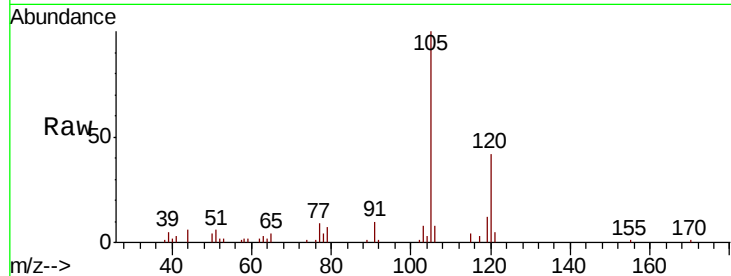




#84
 1,2,4-Trimethylbenzene
 Concen: 0.75 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004570.D
 Acq: 15 Sep 2018 08:02

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0243

Tot Ion:105 Resp: 8700
 Ion Ratio Lower Upper
 105 100
 120 45.2 23.2 69.6



#95
 Naphthalene
 Concen: 0.77 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX004570.D
 Acq: 15 Sep 2018 08:02

Tgt Ion:128 Resp: 10700
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.2 15.2
 129 11.2 8.6 12.8

