

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091418\
 Data File : VX004565.D
 Acq On : 15 Sep 2018 05:49
 Operator : JC/MD
 Sample : J4925-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0255

Quant Time: Sep 17 01:02:06 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	264201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	365704	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	341433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	183848	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	174582	51.25	ug/l	0.00
Spiked Amount			Recovery	=	102.50%	
35) Dibromofluoromethane	5.50	113	158978	47.51	ug/l	0.00
Spiked Amount			Recovery	=	95.02%	
50) Toluene-d8	8.71	98	514602	45.85	ug/l	0.00
Spiked Amount			Recovery	=	91.70%	
62) 4-Bromofluorobenzene	11.14	95	177502	44.31	ug/l	0.00
Spiked Amount			Recovery	=	88.62%	

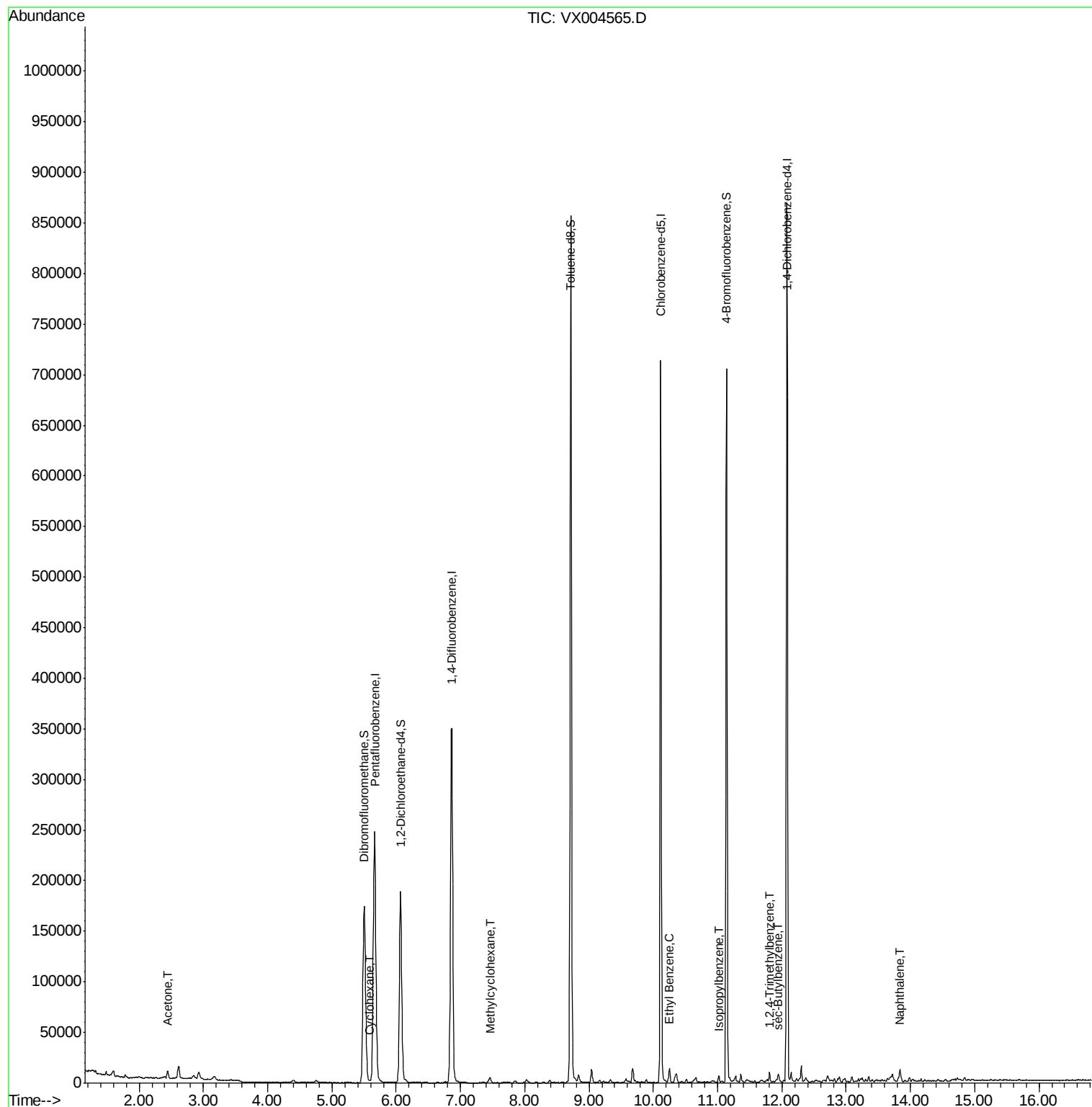
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	7852	4.72	ug/l	95
31) Cyclohexane	5.58	56	1263	0.26	ug/l	93
39) Methylcyclohexane	7.46	83	1982	0.43	ug/l #	80
67) Ethyl Benzene	10.25	91	7258	0.53	ug/l	97
73) Isopropylbenzene	11.02	105	3258	0.27	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	3963	0.38	ug/l	97
85) sec-Butylbenzene	11.94	105	3423	0.28	ug/l	85
95) Naphthalene	13.83	128	7520	0.60	ug/l #	93

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX004565.D

Acq: 15 Sep 2018 05:49

Instrument :

MSVOA_X

ClientSampleId :

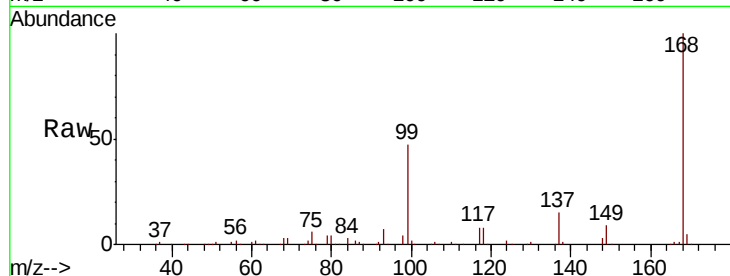
S13-0255

Tot Ion:168 Resp: 264201

Ion Ratio Lower Upper

168 100

99 46.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

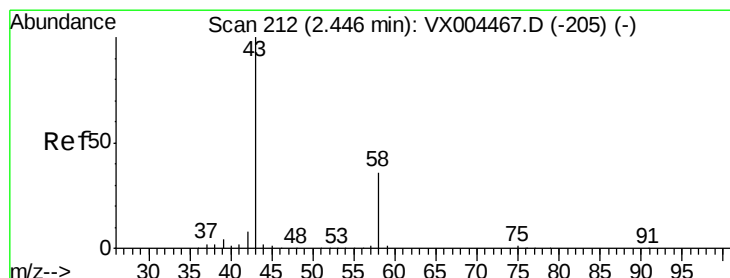
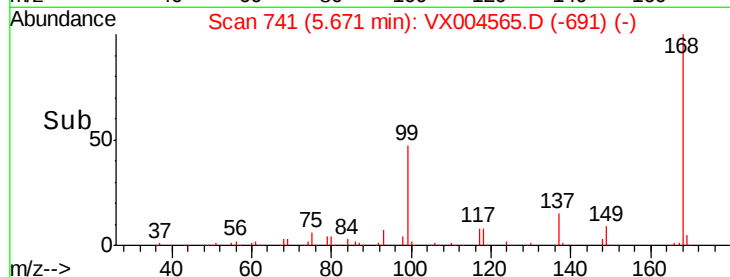
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.72 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004565.D

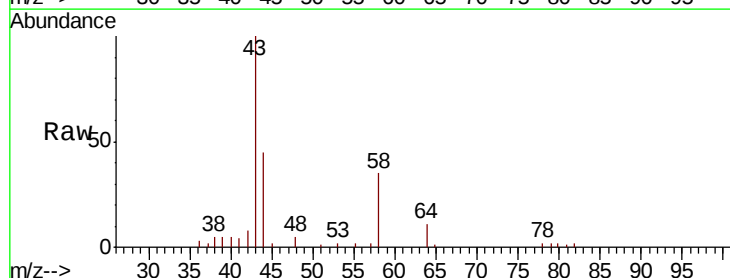
Acq: 15 Sep 2018 05:49

Tgt Ion: 43 Resp: 7852

Ion Ratio Lower Upper

43 100

58 35.7 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

5000

4000

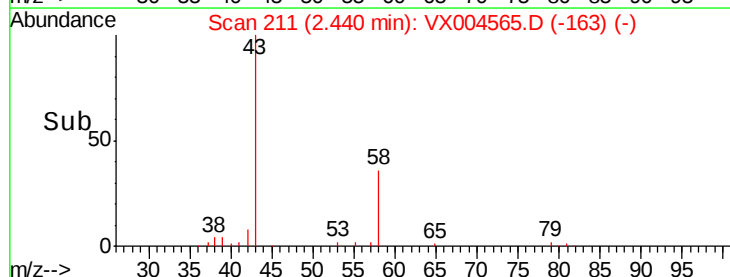
3000

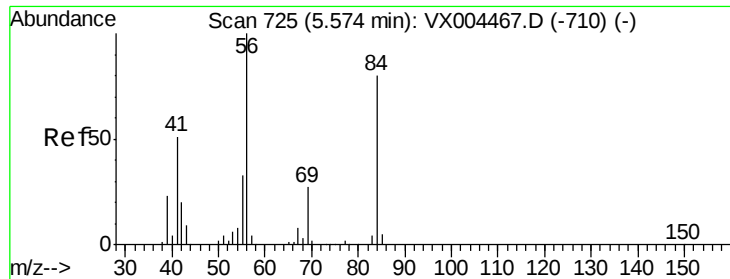
2000

1000

0

Time--> 2.40 2.45 2.50

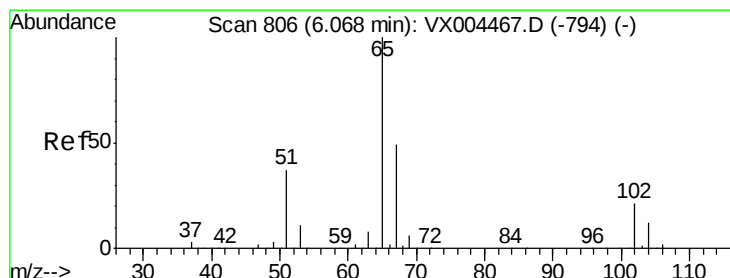
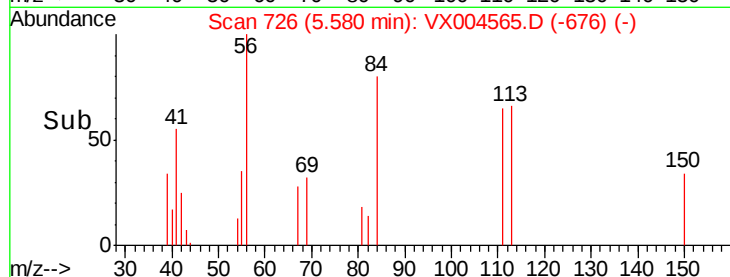
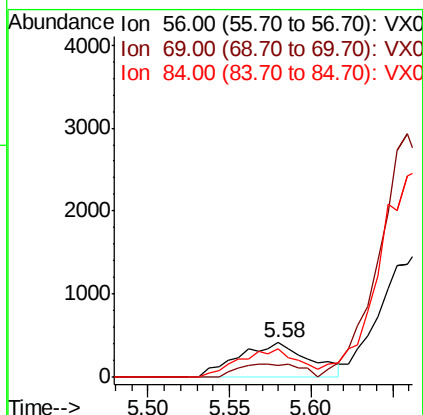
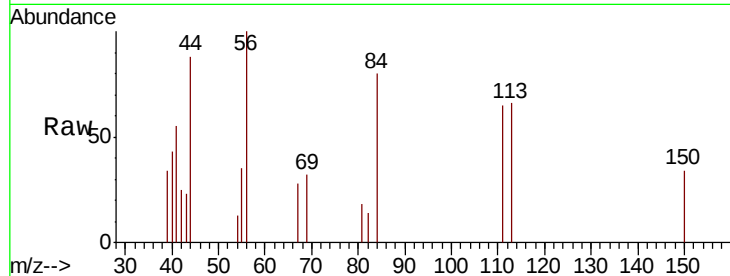




#31
Cyclohexane
Concen: 0.26 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX004565.D
Acq: 15 Sep 2018 05:49

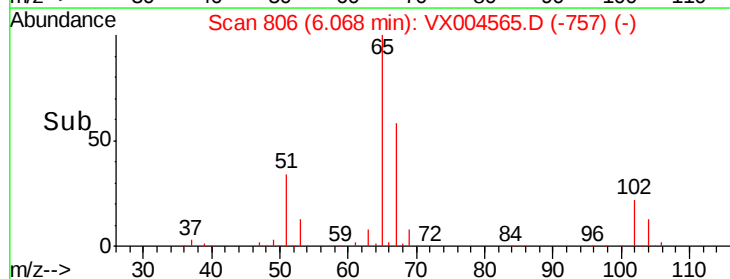
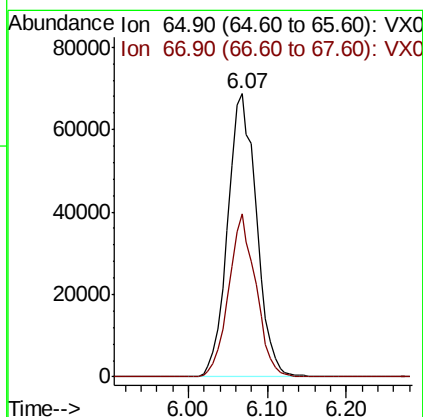
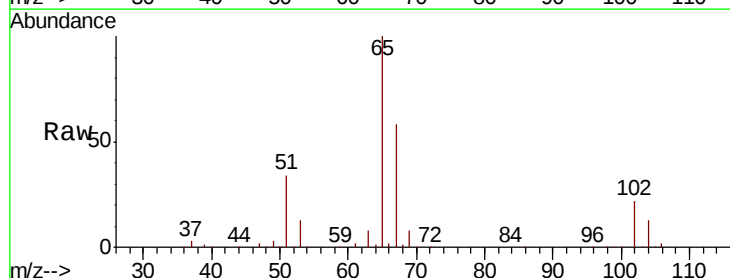
Instrument :
MSVOA_X
ClientSampleId :
S13-0255

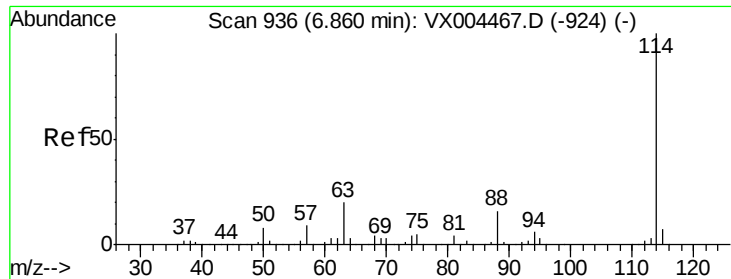
Tot Ion: 56 Resp: 1263
Ion Ratio Lower Upper
56 100
69 32.4 25.4 38.2
84 80.5 71.4 107.2



#33
1,2-Dichloroethane-d4
Concen: 51.25 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX004565.D
Acq: 15 Sep 2018 05:49

Tgt Ion: 65 Resp: 174582
Ion Ratio Lower Upper
65 100
67 54.4 0.0 106.8

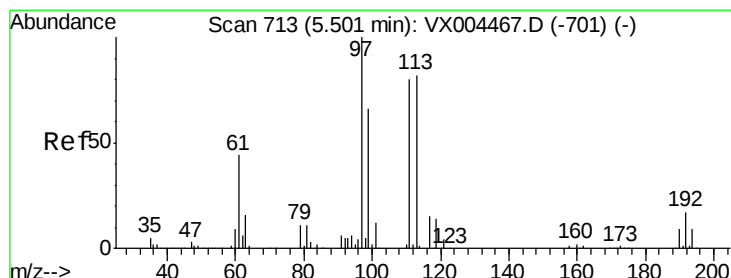
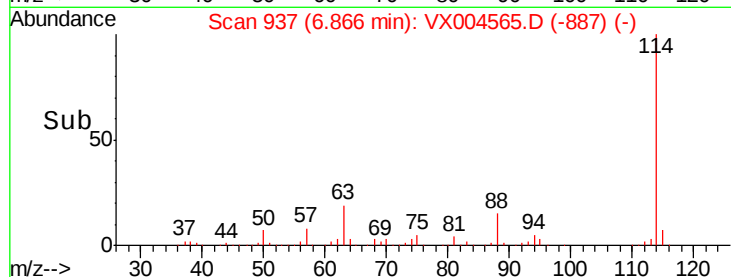
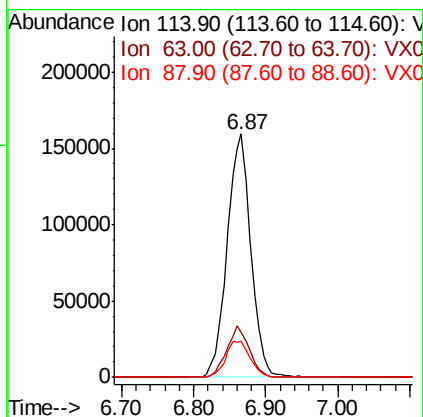
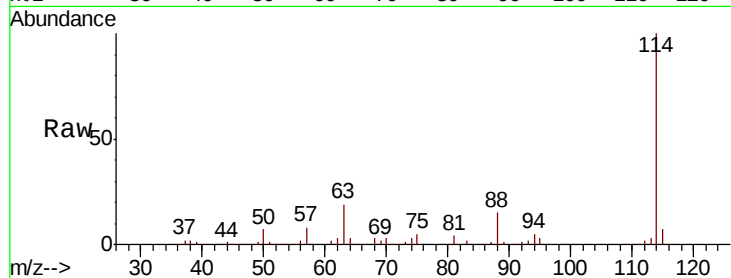




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX004565.D
Acq: 15 Sep 2018 05:49

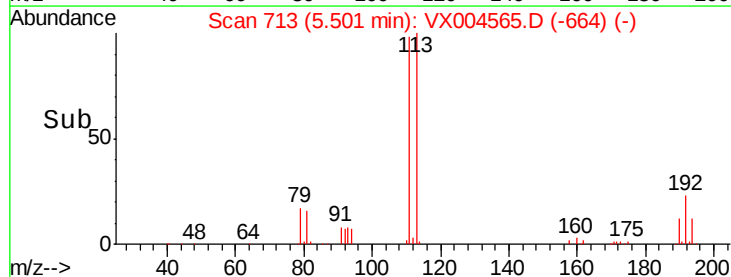
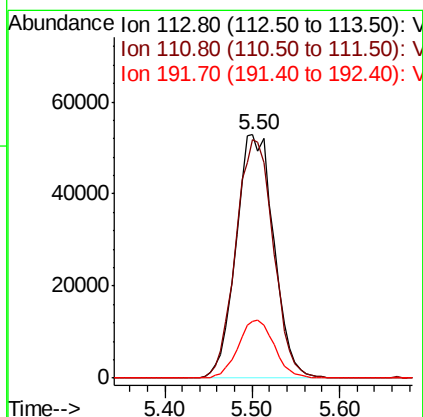
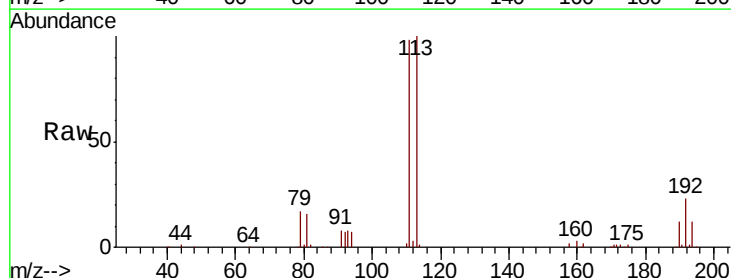
Instrument :
MSVOA_X
ClientSampleId :
S13-0255

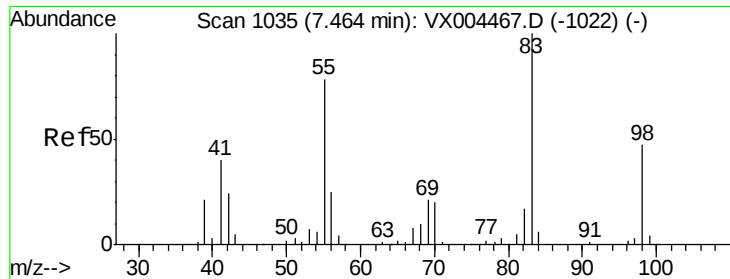
Tot Ion:114 Resp: 365704
Ion Ratio Lower Upper
114 100
63 18.7 0.0 39.0
88 15.0 0.0 30.4



#35
Dibromofluoromethane
Concen: 47.51 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX004565.D
Acq: 15 Sep 2018 05:49

Tgt Ion:113 Resp: 158978
Ion Ratio Lower Upper
113 100
111 97.3 82.4 123.6
192 22.7 19.4 29.2

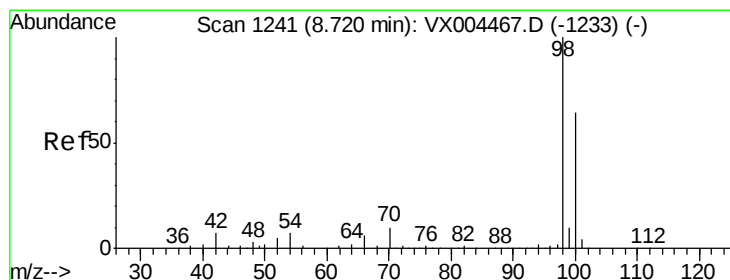
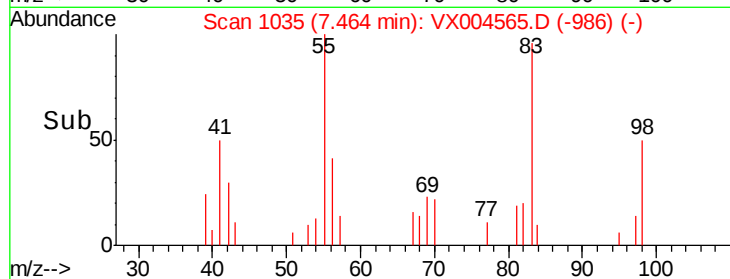
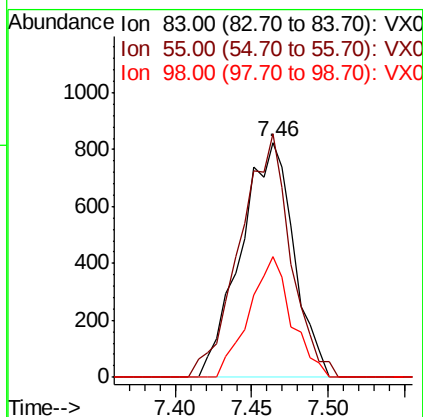
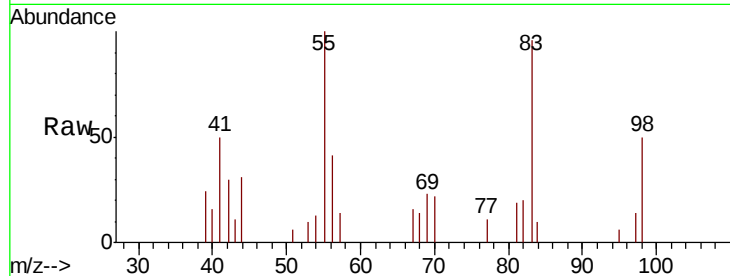




#39
Methvlcvclohexane
Concen: 0.43 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004565.D
Acq: 15 Sep 2018 05:49

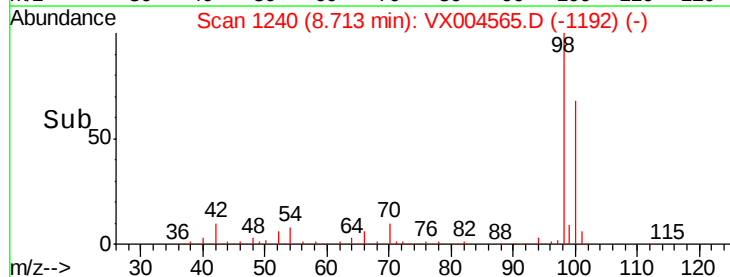
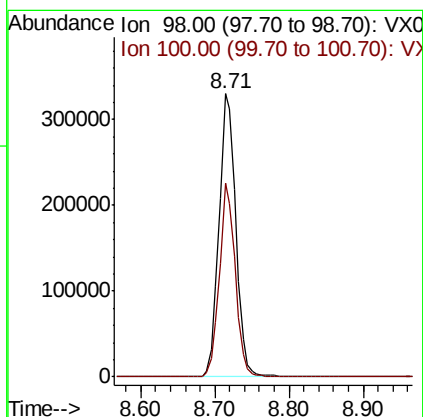
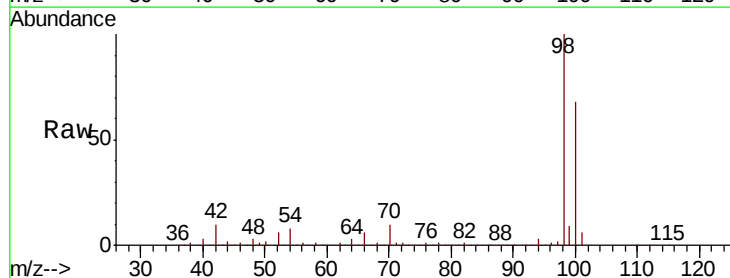
Instrument :
MSVOA_X
ClientSampled :
S13-0255

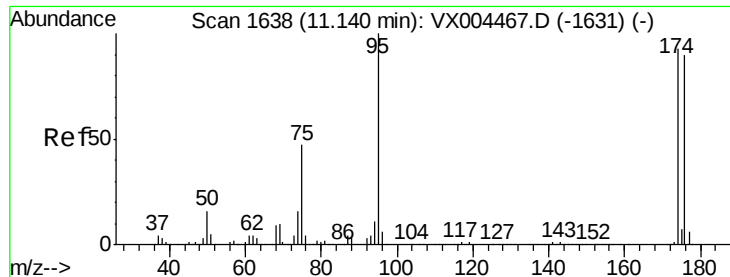
Tot Ion: 83 Resp: 1982
Ion Ratio Lower Upper
83 100
55 103.6 61.0 91.4#
98 51.5 39.6 59.4



#50
Toluene-d8
Concen: 45.85 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004565.D
Acq: 15 Sep 2018 05:49

Tgt Ion: 98 Resp: 514602
Ion Ratio Lower Upper
98 100
100 64.5 52.9 79.3

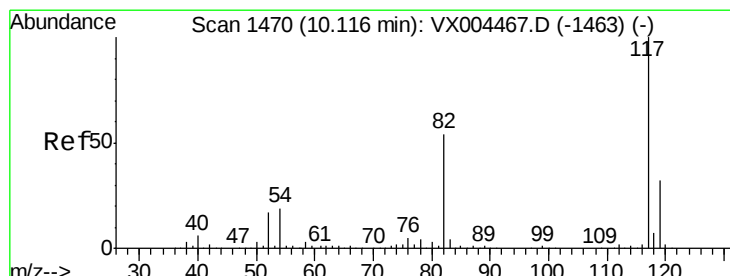
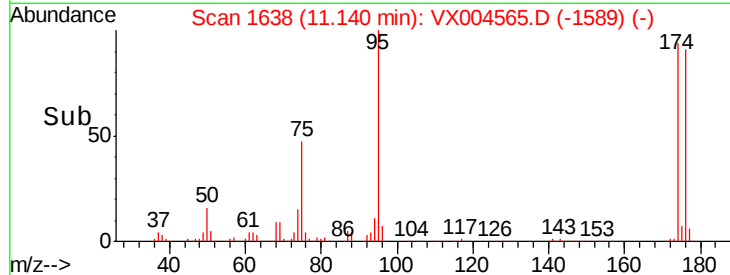
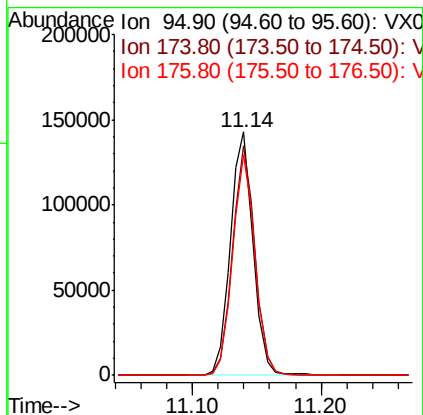
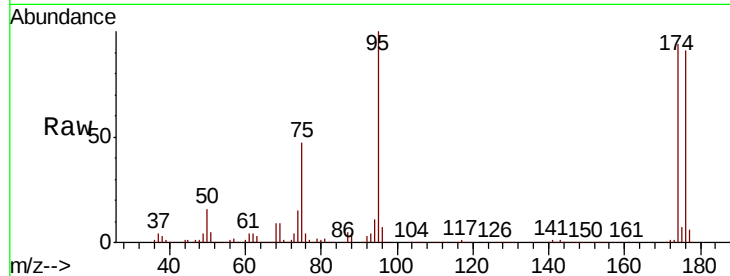




#62
4-Bromofluorobenzene
Concen: 44.31 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004565.D
Acq: 15 Sep 2018 05:49

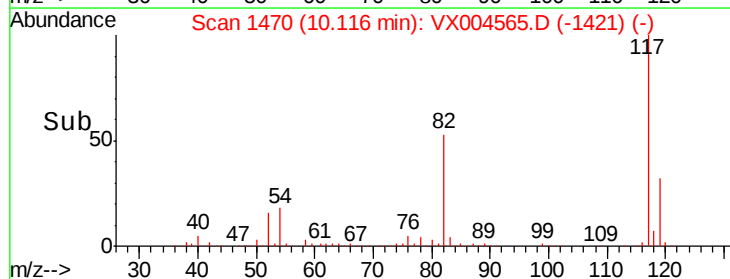
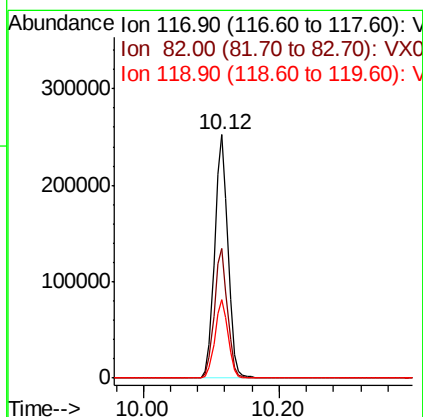
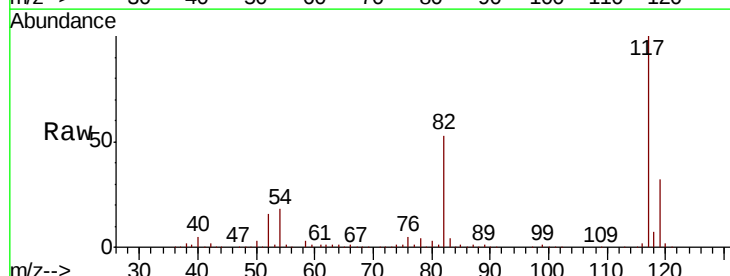
Instrument :
MSVOA_X
ClientSampleId :
S13-0255

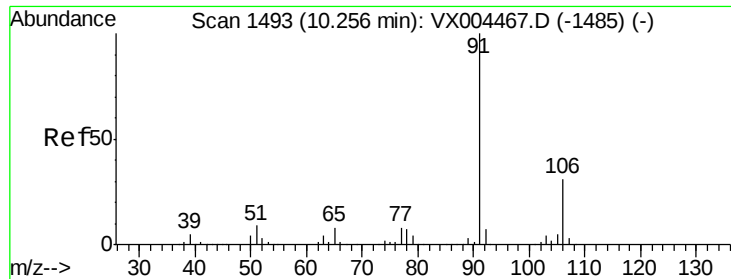
Tot Ion: 95 Resp: 177502
Ion Ratio Lower Upper
95 100
174 92.8 0.0 185.2
176 89.1 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004565.D
Acq: 15 Sep 2018 05:49

Tgt Ion: 117 Resp: 341433
Ion Ratio Lower Upper
117 100
82 53.3 47.8 71.6
119 32.2 29.3 43.9

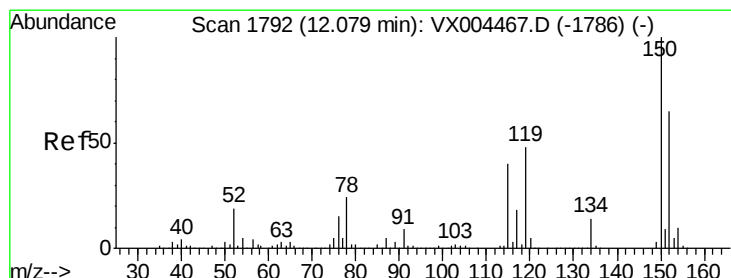
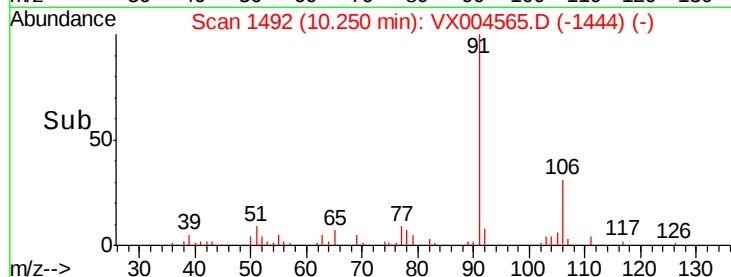
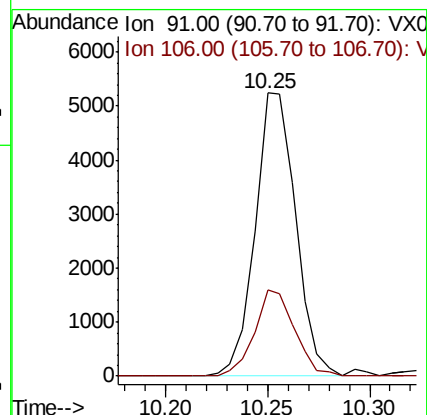
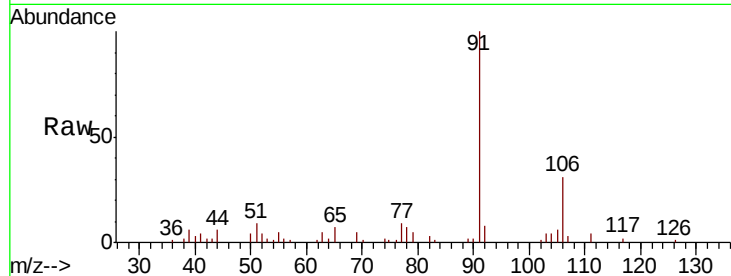




#67
Ethyl Benzene
Concen: 0.53 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004565.D
Acq: 15 Sep 2018 05:49

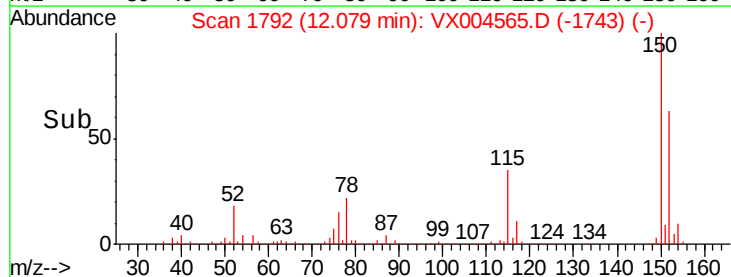
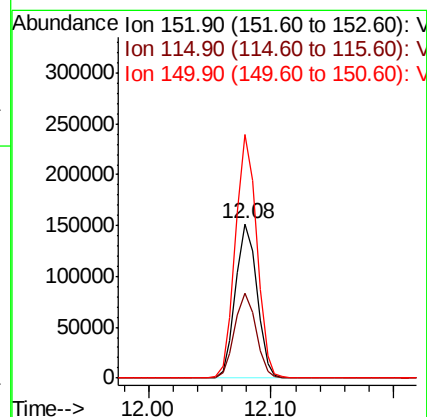
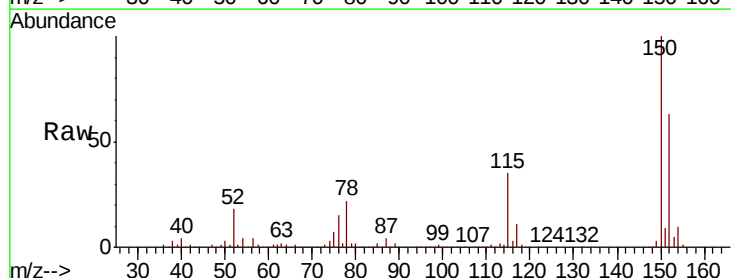
Instrument :
MSVOA_X
ClientSampleId :
S13-0255

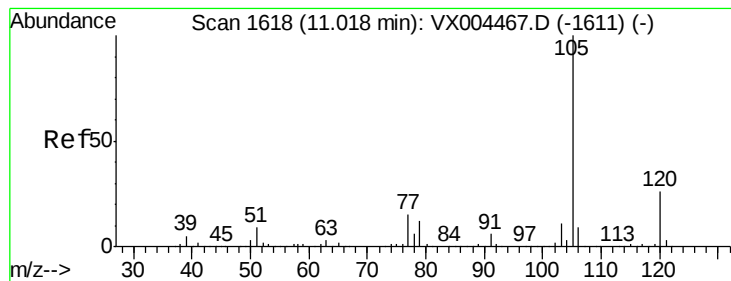
Tot Ion: 91 Resp: 7258
Ion Ratio Lower Upper
91 100
106 30.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004565.D
Acq: 15 Sep 2018 05:49

Tgt Ion: 152 Resp: 183848
Ion Ratio Lower Upper
152 100
115 55.2 39.0 117.0
150 156.6 0.0 351.0





#73

Isopropylbenzene

Concen: 0.27 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004565.D

Acq: 15 Sep 2018 05:49

Instrument :

MSVOA_X

ClientSampled :

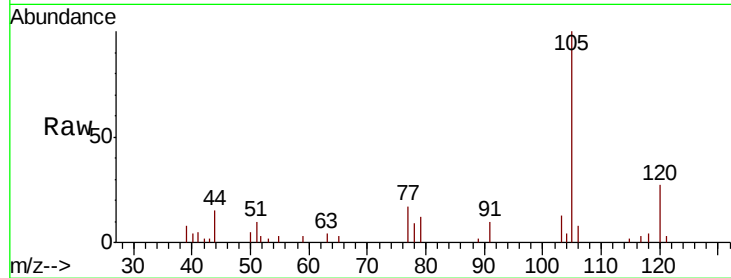
S13-0255

Tot Ion:105 Resp: 3258

Ion Ratio Lower Upper

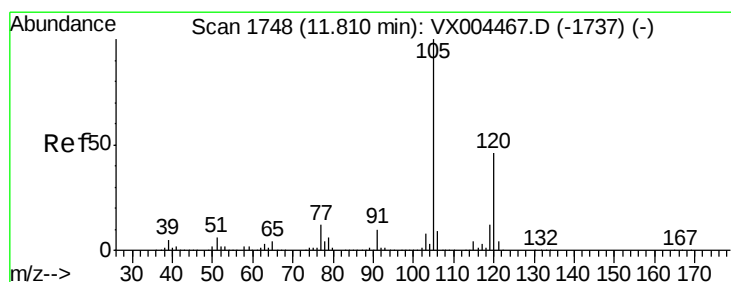
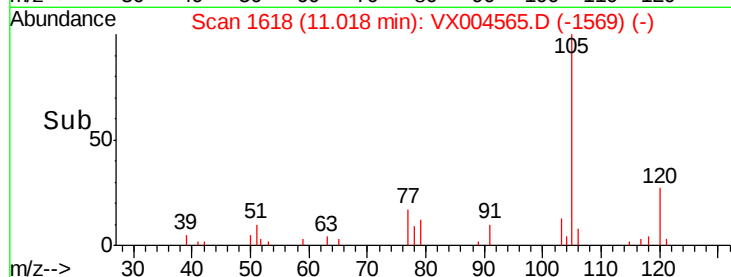
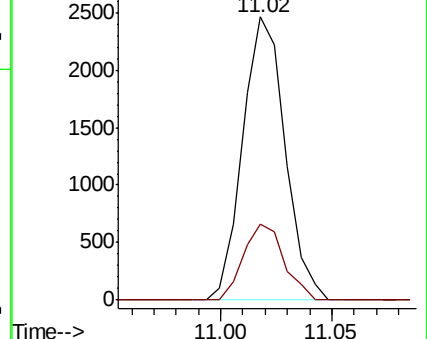
105 100

120 25.6 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 0.38 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.00 min

Lab File: VX004565.D

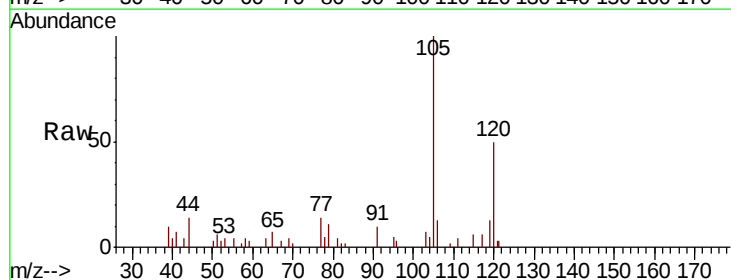
Acq: 15 Sep 2018 05:49

Tgt Ion:105 Resp: 3963

Ion Ratio Lower Upper

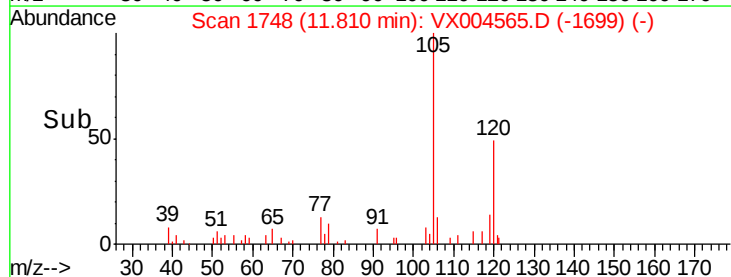
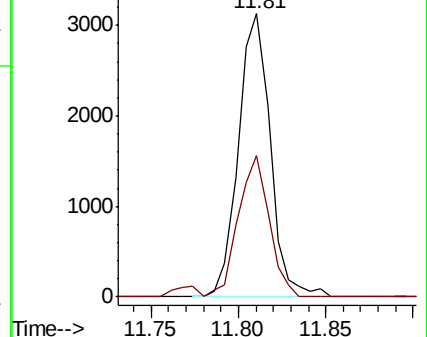
105 100

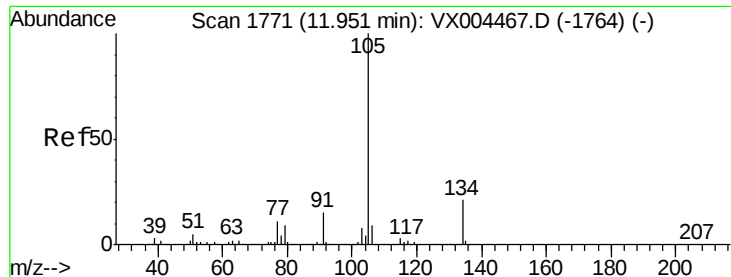
120 48.2 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.28 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004565.D

Acq: 15 Sep 2018 05:49

Instrument :

MSVOA_X

ClientSampled :

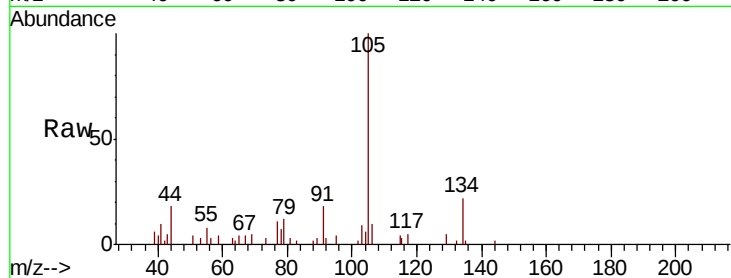
S13-0255

Tot Ion:105 Resp: 3423

Ion Ratio Lower Upper

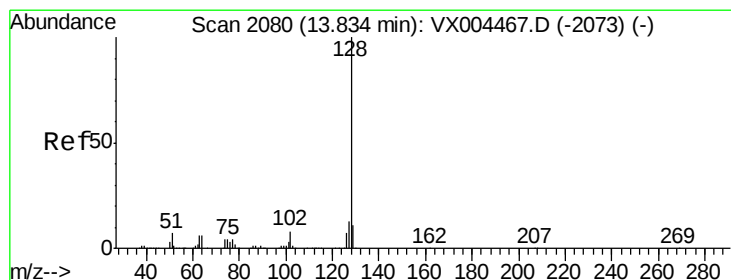
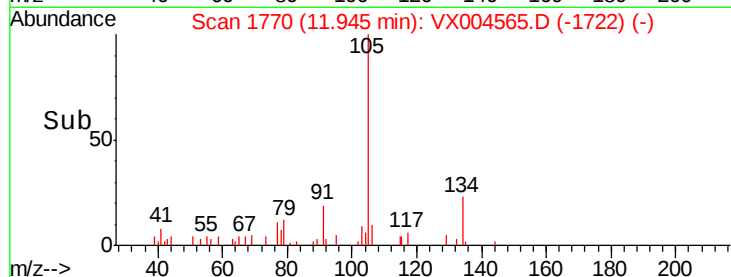
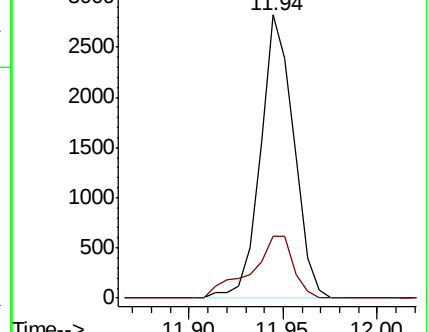
105 100

134 28.1 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#95

Naphthalene

Concen: 0.60 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004565.D

Acq: 15 Sep 2018 05:49

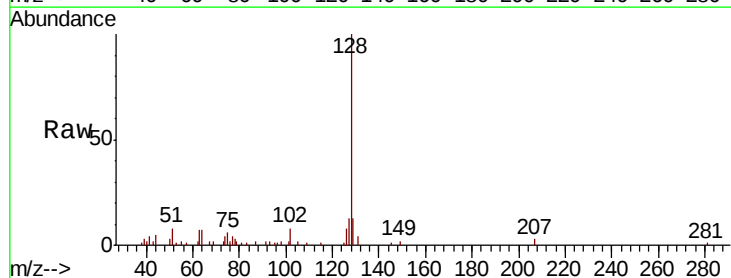
Tgt Ion:128 Resp: 7520

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.2

129 16.5 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

