

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091818\
 Data File : VX004656.D
 Acq On : 18 Sep 2018 14:29
 Operator : JC/MD
 Sample : J4906-05 50X
 Misc : 4.08µ/5mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-PIT-1

Quant Time: Sep 18 15:58:09 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	213044	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	340241	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	310742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185529	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	130463	47.49	ug/l	0.00
Spiked Amount			Recovery	=	94.98%	
35) Dibromofluoromethane	5.50	113	116494	37.42	ug/l	0.00
Spiked Amount			Recovery	=	74.84%	
50) Toluene-d8	8.71	98	462928	44.34	ug/l	0.00
Spiked Amount			Recovery	=	88.68%	
62) 4-Bromofluorobenzene	11.14	95	175572	47.11	ug/l	0.00
Spiked Amount			Recovery	=	94.22%	

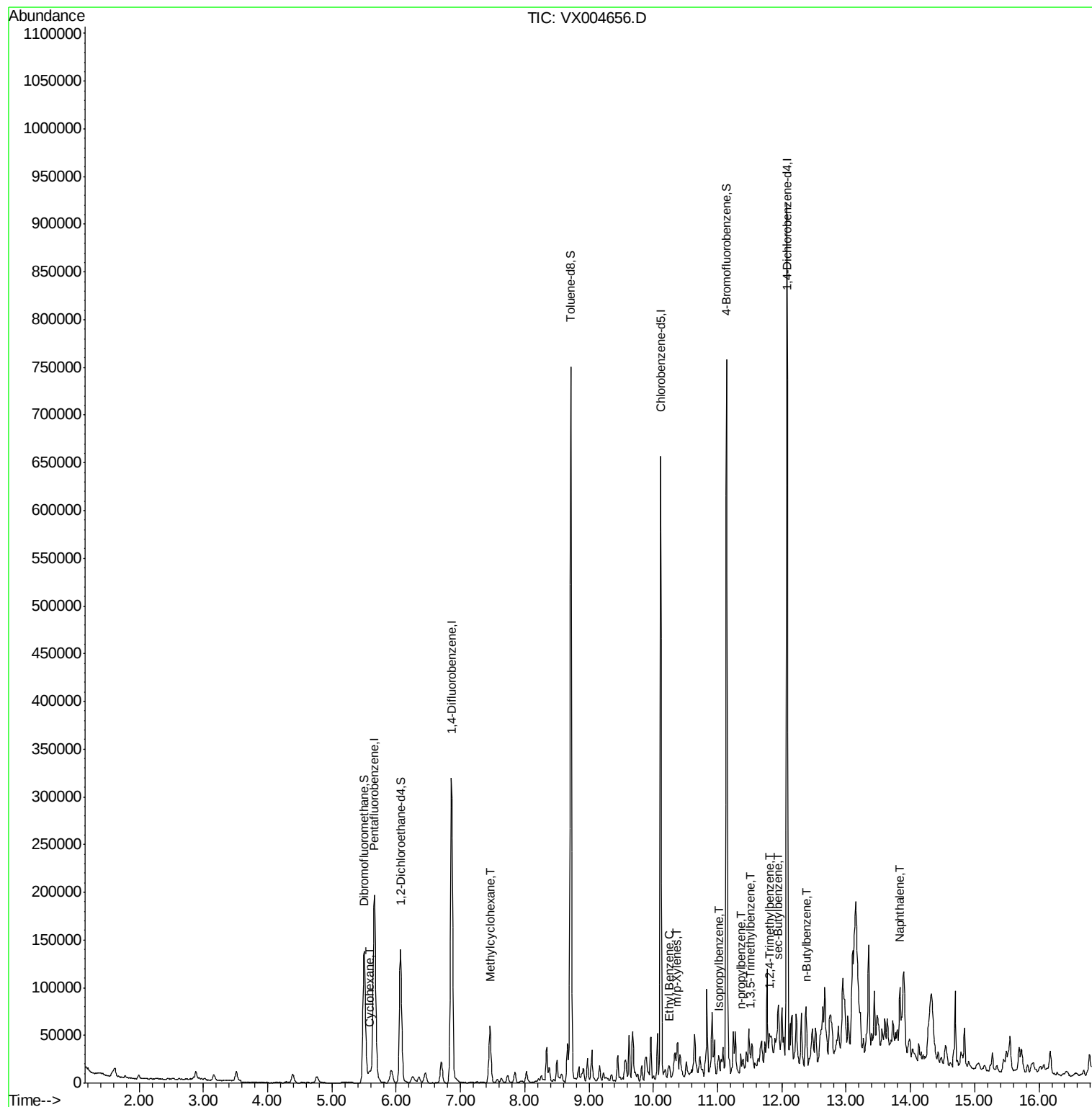
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.58	56	7918	1.99	ug/l #	81
39) Methylcyclohexane	7.46	83	25204	5.85	ug/l	97
67) Ethyl Benzene	10.26	91	4544	0.36	ug/l	96
68) m/p-Xylenes	10.36	106	1731	0.36	ug/l	95
73) Isopropylbenzene	11.02	105	7800	0.64	ug/l	98
78) n-propylbenzene	11.36	91	13703	0.98	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	3485	0.34	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	4802	0.46	ug/l	91
85) sec-Butylbenzene	11.94	105	6242	0.50	ug/l #	70
89) n-Butylbenzene	12.39	91	9669	0.96	ug/l #	65
95) Naphthalene	13.83	128	47562	3.76	ug/l #	96

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

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Sample : J4906-05 50X
Misc : 4.08q/5mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SP-PIT-1

Quant Time: Sep 18 15:58:09 2018
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: VX004656.D

Acq: 18 Sep 2018 14:29

Instrument :

MSVOA_X

ClientSampled :

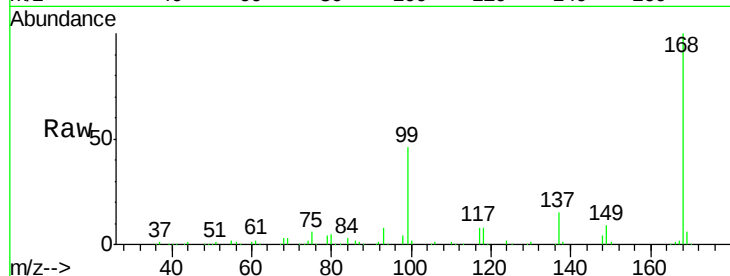
SP-PIT-1

Tot Ion:168 Resp: 213044

Ion Ratio Lower Upper

168 100

99 45.6 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

80000

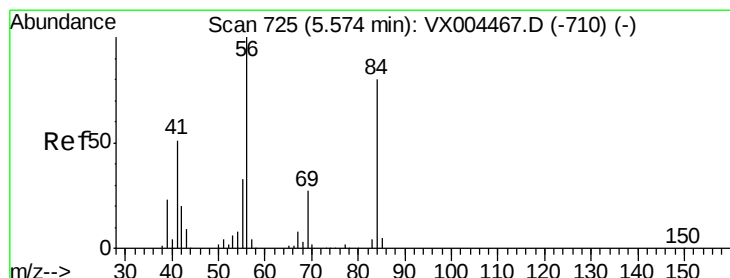
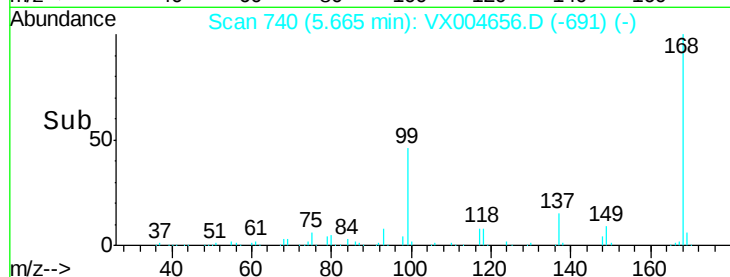
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 1.99 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX004656.D

Acq: 18 Sep 2018 14:29

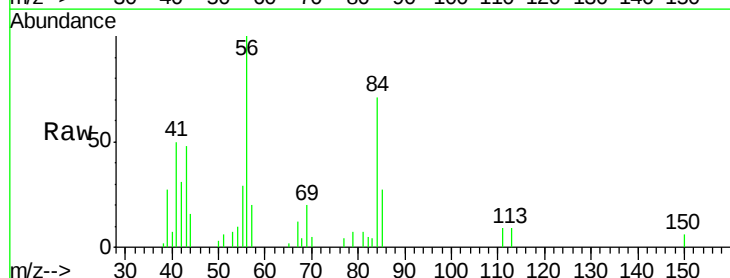
Tgt Ion: 56 Resp: 7918

Ion Ratio Lower Upper

56 100

69 20.4 25.4 38.2#

84 71.4 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

5.58

3000

2500

2000

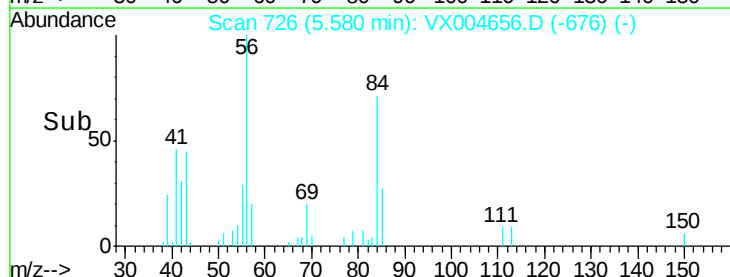
1500

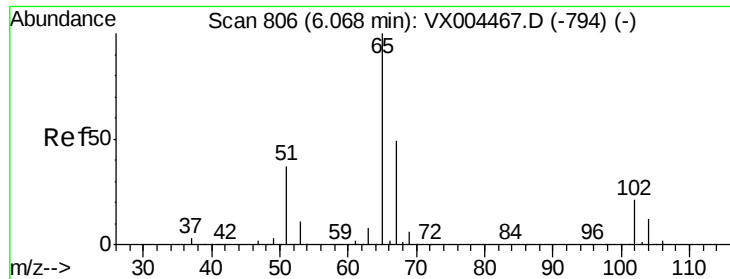
1000

500

0

Time--> 5.50 5.60





#33

1,2-Dichloroethane-d4

Concen: 47.49 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004656.D

Acq: 18 Sep 2018 14:29

Instrument :

MSVOA_X

ClientSampled :

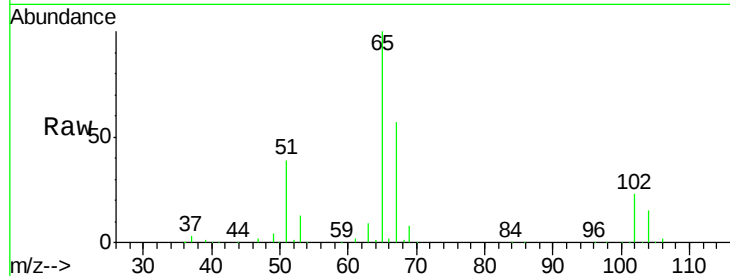
SP-PIT-1

Tot Ion: 65 Resp: 130463

Ion Ratio Lower Upper

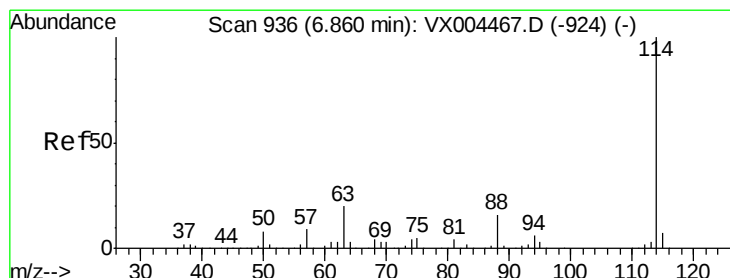
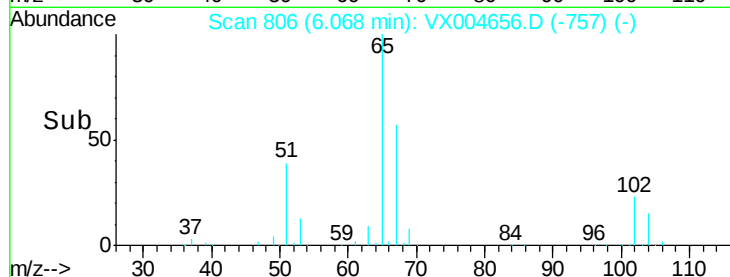
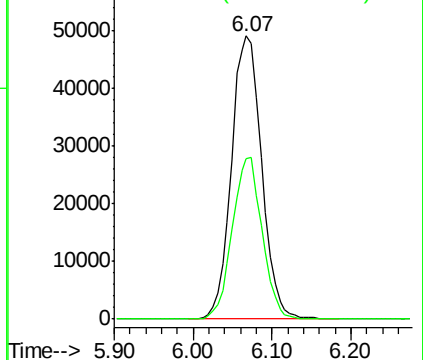
65 100

67 56.2 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004656.D

Acq: 18 Sep 2018 14:29

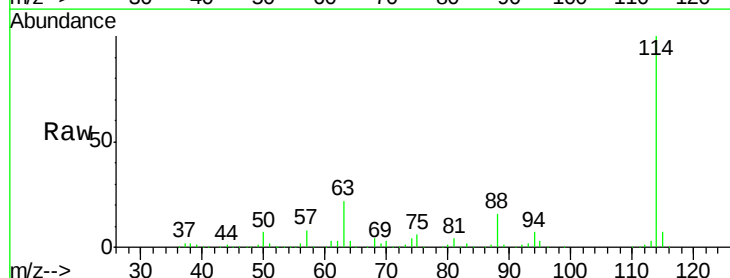
Tgt Ion: 114 Resp: 340241

Ion Ratio Lower Upper

114 100

63 21.8 0.0 39.0

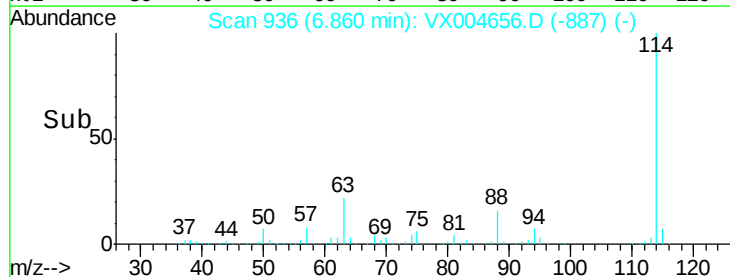
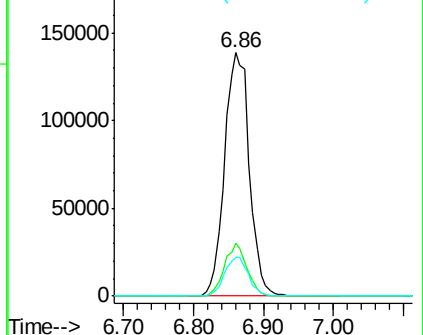
88 15.7 0.0 30.4

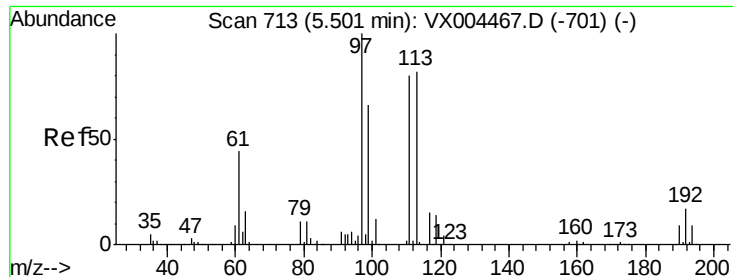


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 37.42 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX004656.D

Acq: 18 Sep 2018 14:29

Instrument :

MSVOA_X

ClientSampled :

SP-PIT-1

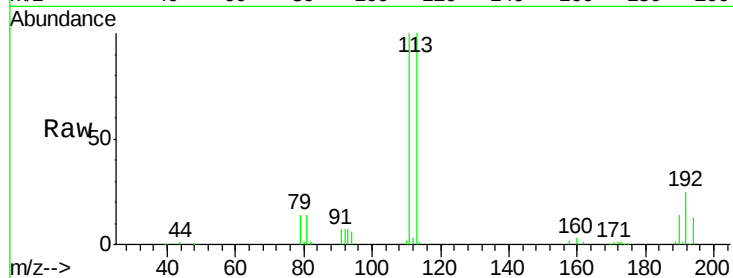
Tot Ion:113 Resp: 116494

Ion Ratio Lower Upper

113 100

111 104.4 82.4 123.6

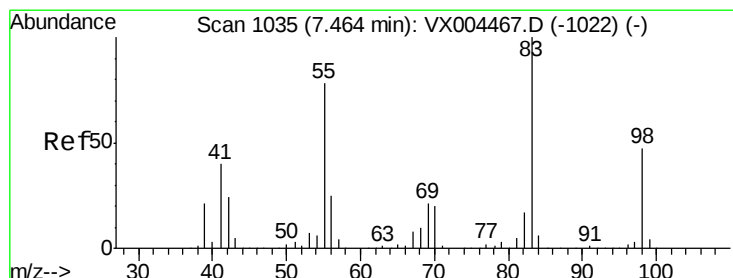
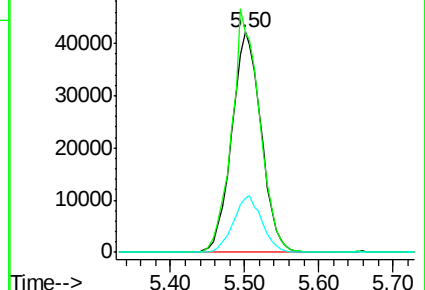
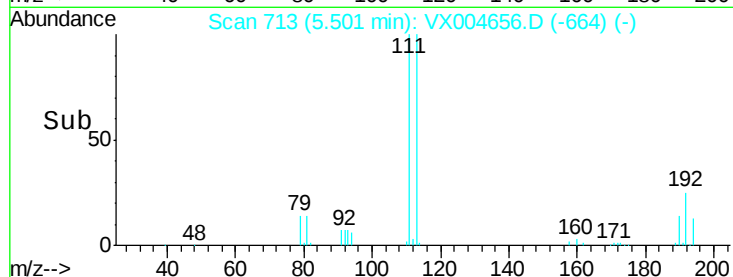
192 24.9 19.4 29.2



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: 5.85 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX004656.D

Acq: 18 Sep 2018 14:29

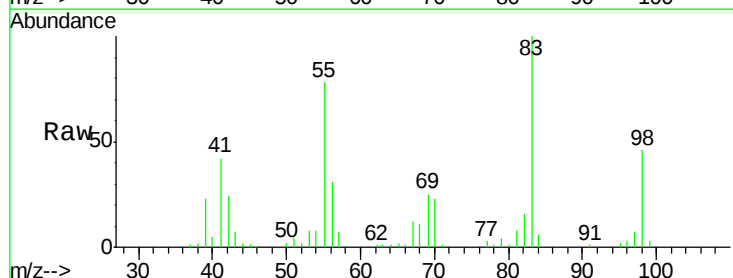
Tgt Ion: 83 Resp: 25204

Ion Ratio Lower Upper

83 100

55 78.1 61.0 91.4

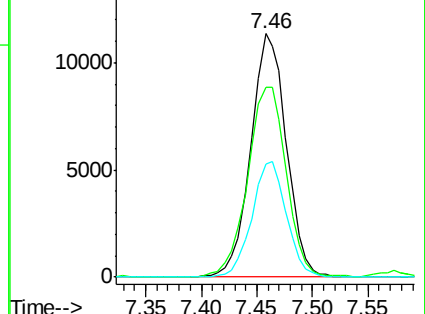
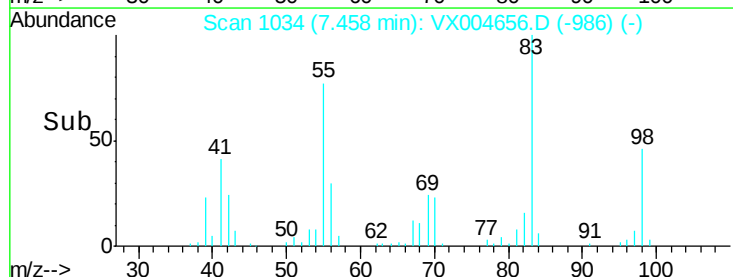
98 46.2 39.6 59.4

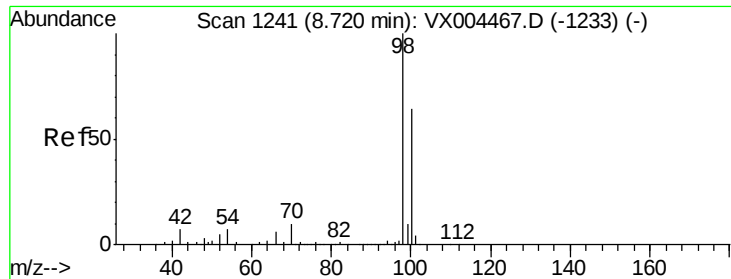


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 44.34 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004656.D

Acq: 18 Sep 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

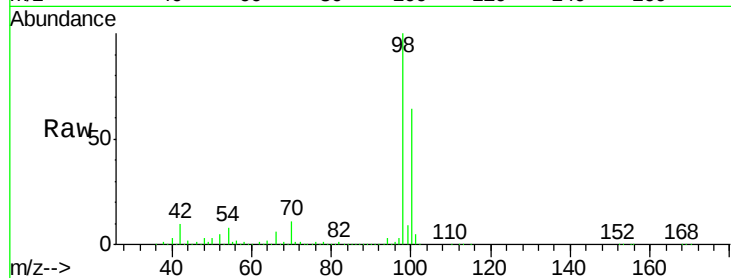
SP-PIT-1

Tot Ion: 98 Resp: 462928

Ion Ratio Lower Upper

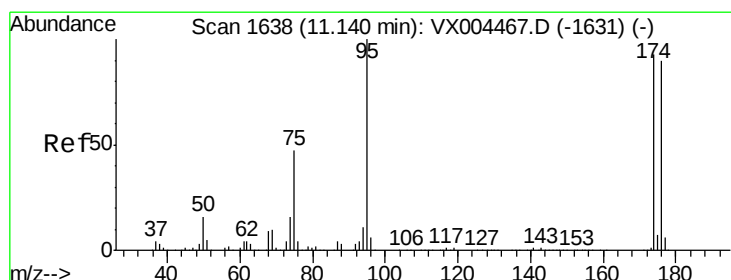
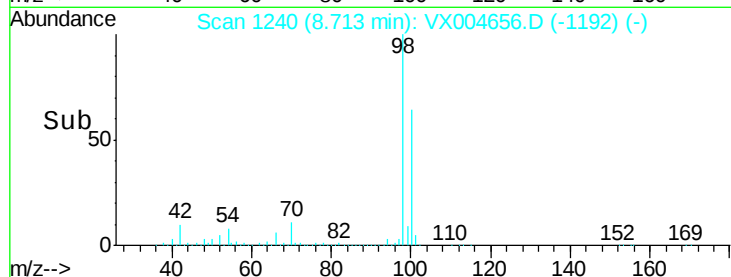
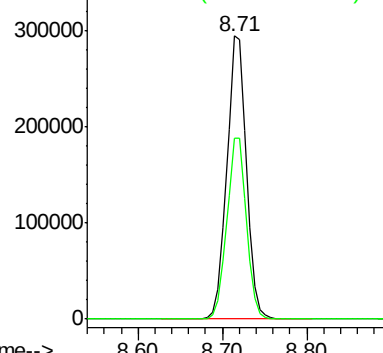
98 100

100 63.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 47.11 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004656.D

Acq: 18 Sep 2018 14:29

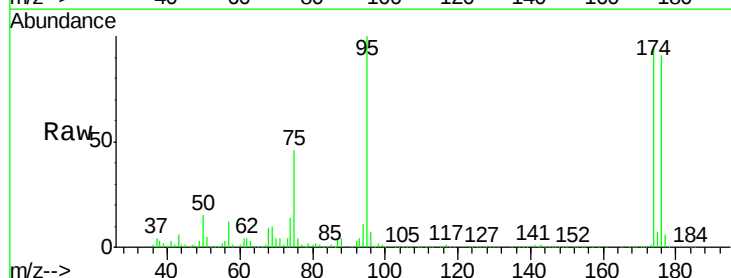
Tgt Ion: 95 Resp: 175572

Ion Ratio Lower Upper

95 100

174 93.4 0.0 185.2

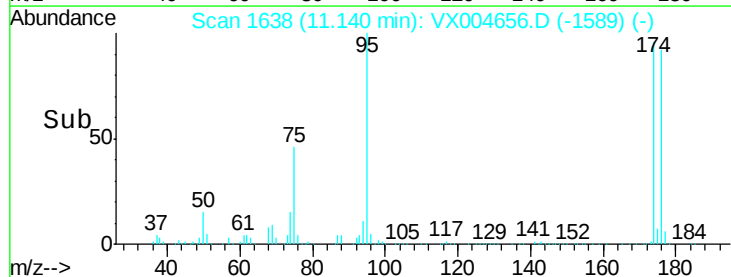
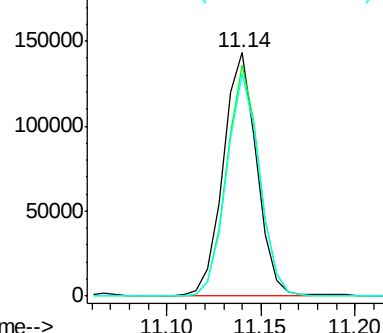
176 90.4 0.0 178.6

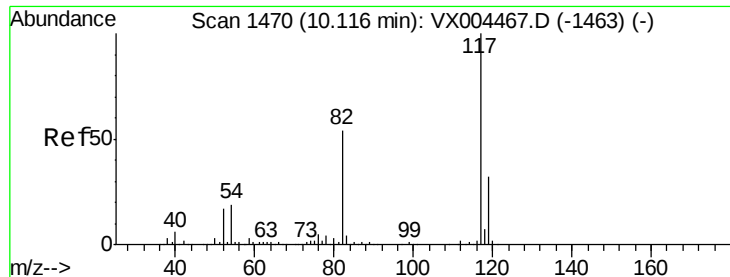


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX004656.D

Acq: 18 Sep 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

SP-PIT-1

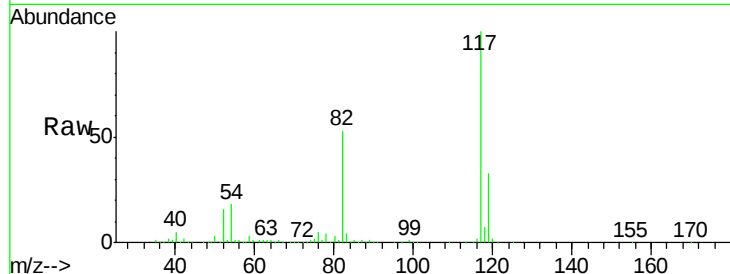
Tot Ion:117 Resp: 310742

Ion Ratio Lower Upper

117 100

82 52.7 47.8 71.6

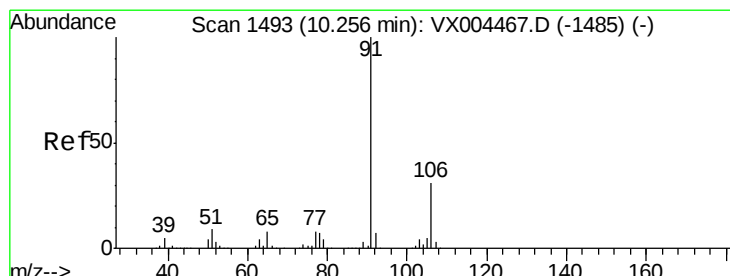
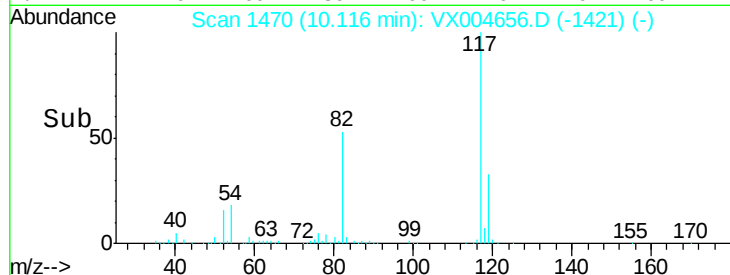
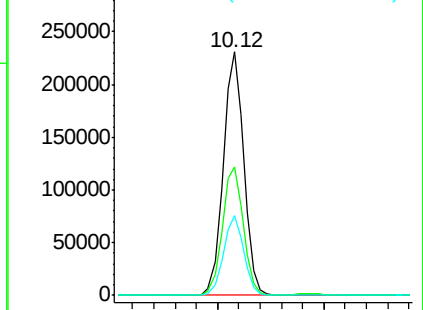
119 32.7 29.3 43.9



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: 0.36 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VX004656.D

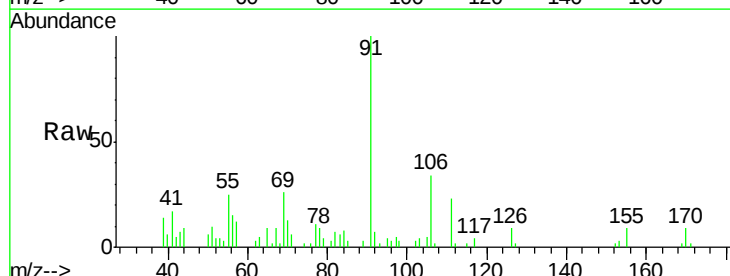
Acq: 18 Sep 2018 14:29

Tgt Ion: 91 Resp: 4544

Ion Ratio Lower Upper

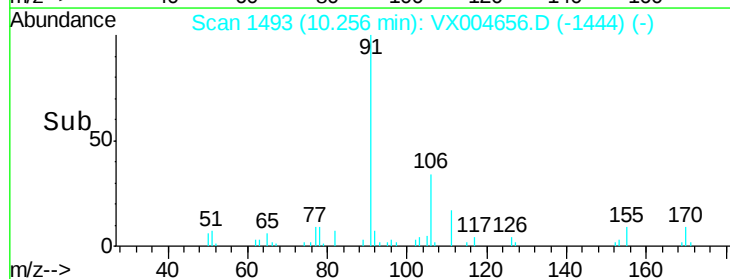
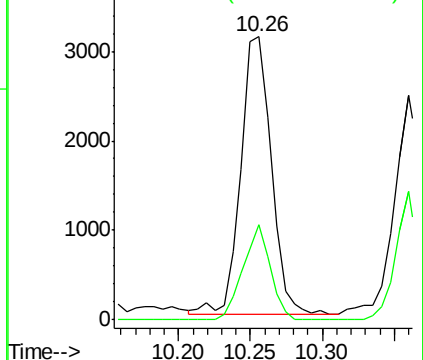
91 100

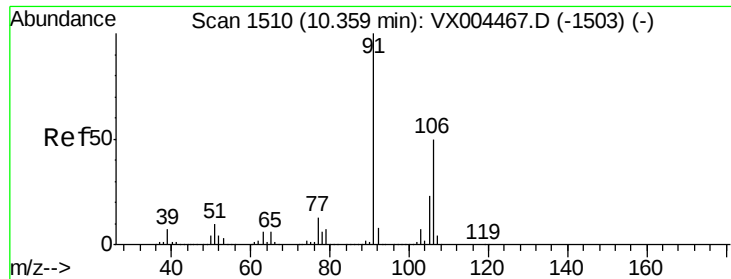
106 34.5 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

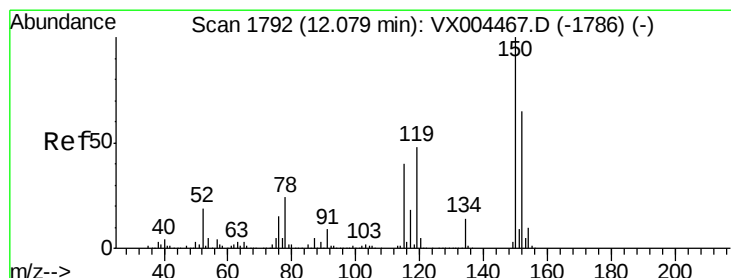
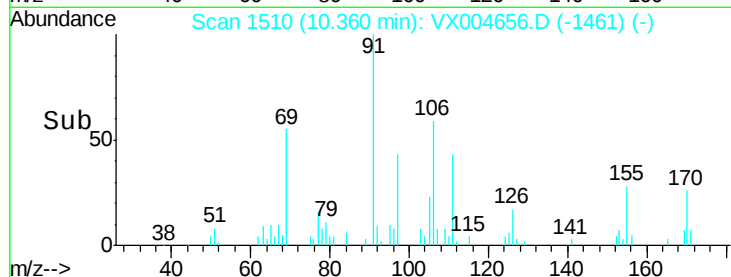
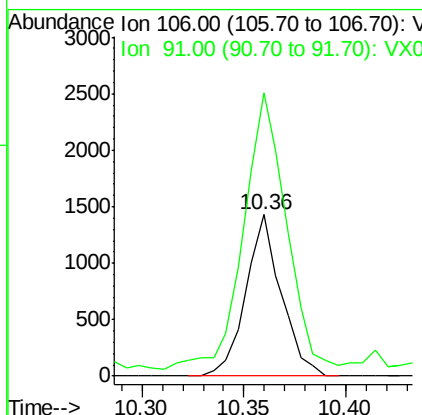
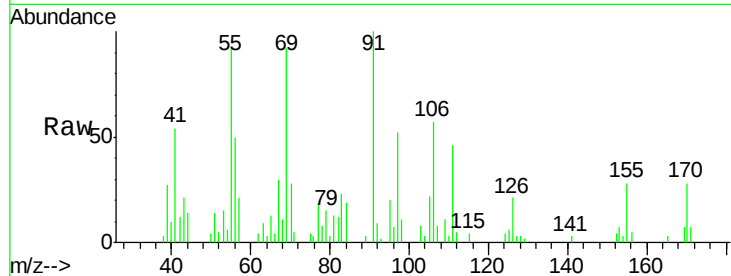




#68
m/p-Xvlenes
Concen: 0.36 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX004656.D
Acq: 18 Sep 2018 14:29

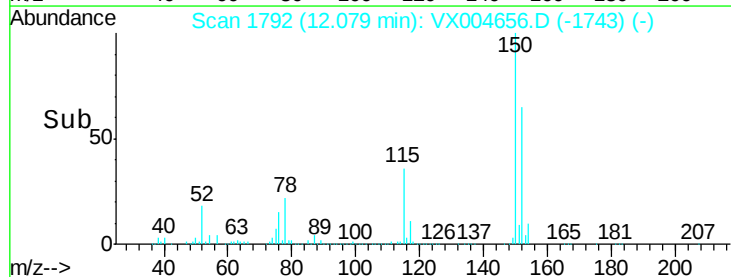
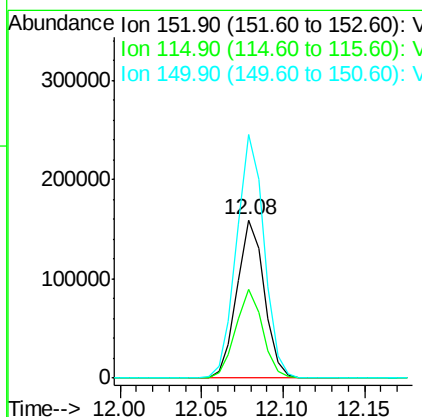
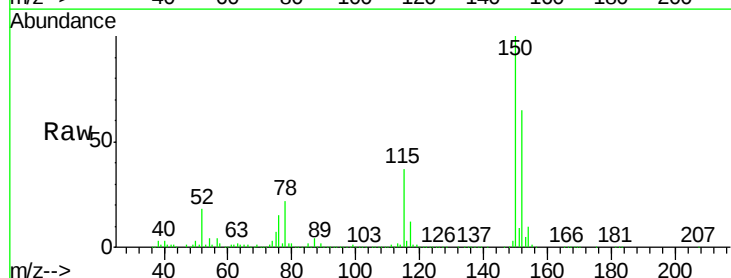
Instrument :
MSVOA_X
ClientSampled :
SP-PIT-1

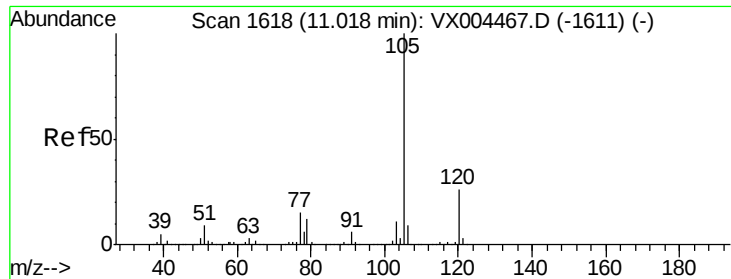
Tot Ion:106 Resp: 1731
Ion Ratio Lower Upper
106 100
91 203.4 157.1 235.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004656.D
Acq: 18 Sep 2018 14:29

Tgt Ion:152 Resp: 185529
Ion Ratio Lower Upper
152 100
115 55.2 39.0 117.0
150 156.4 0.0 351.0





#73

Isopropylbenzene

Concen: 0.64 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004656.D

Acq: 18 Sep 2018 14:29

Instrument :

MSVOA_X

ClientSampled :

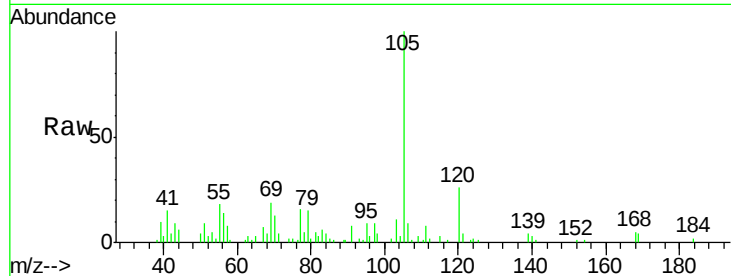
SP-PIT-1

Tot Ion: 105 Resp: 7800

Ion Ratio Lower Upper

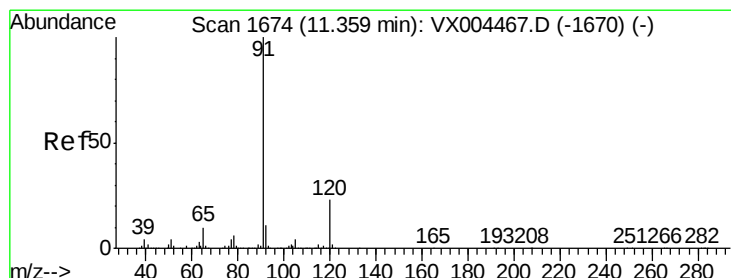
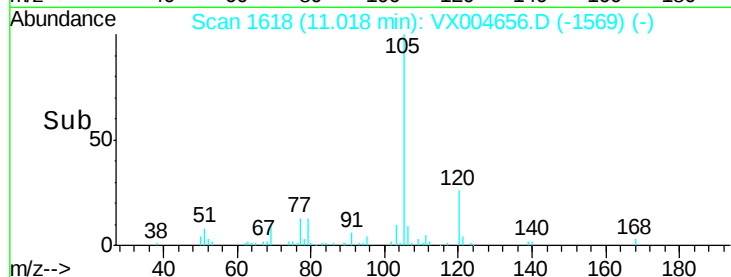
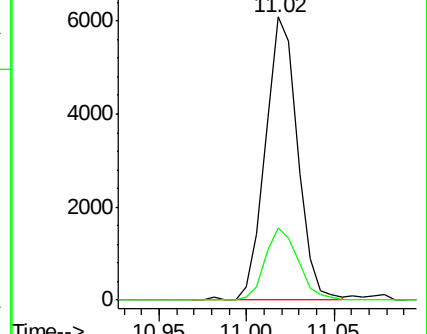
105 100

120 25.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 0.98 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004656.D

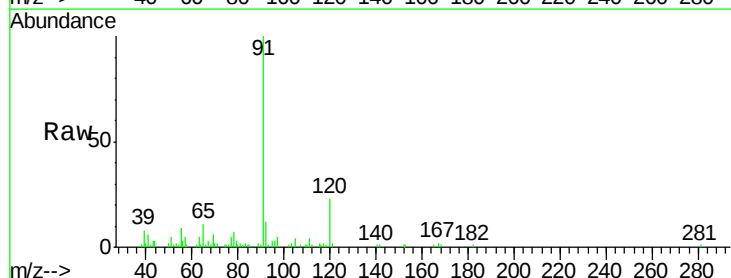
Acq: 18 Sep 2018 14:29

Tgt Ion: 91 Resp: 13703

Ion Ratio Lower Upper

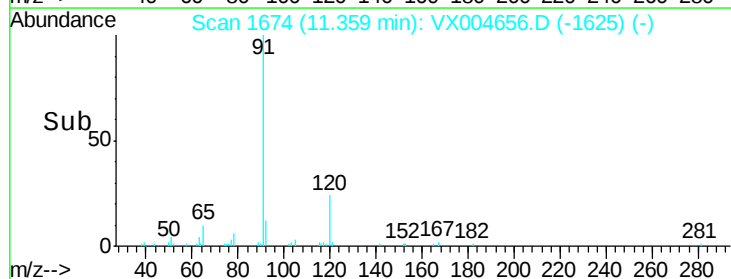
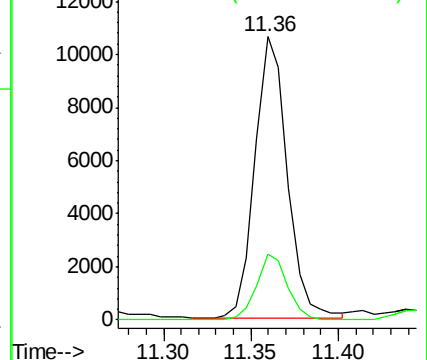
91 100

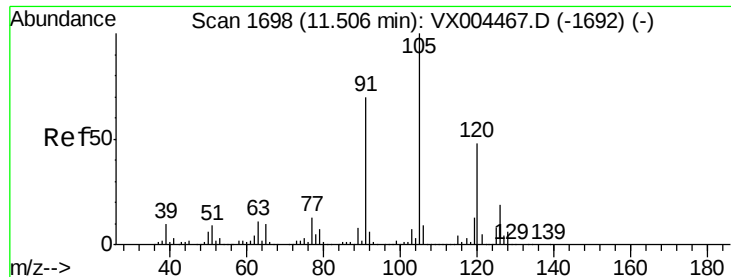
120 22.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

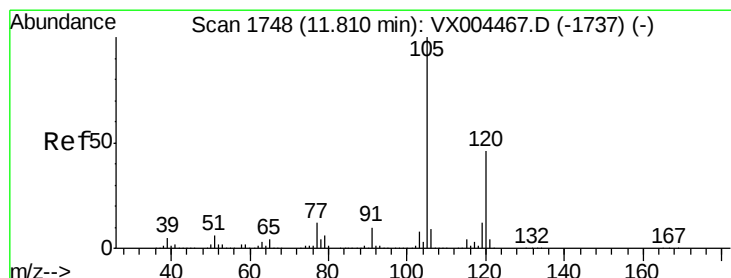
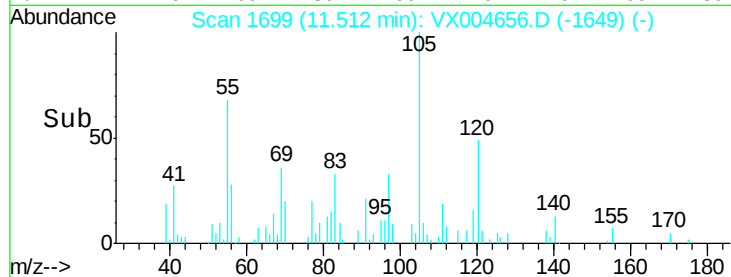
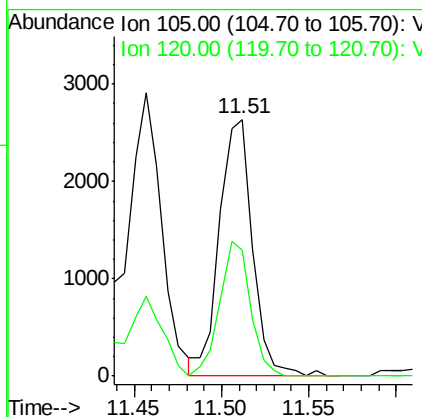
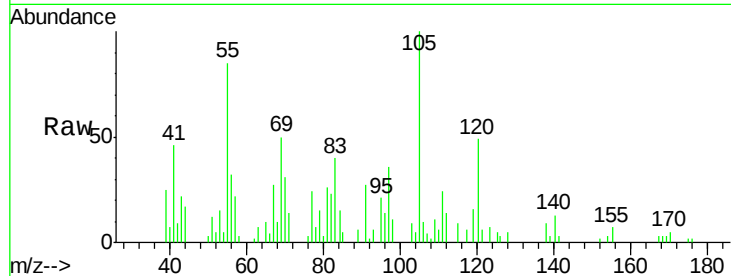




#80
 1,3,5-Trimethylbenzene
 Concen: 0.34 ug/l
 RT: 11.51 min Scan# 1699
 Delta R.T. 0.01 min
 Lab File: VX004656.D
 Acq: 18 Sep 2018 14:29

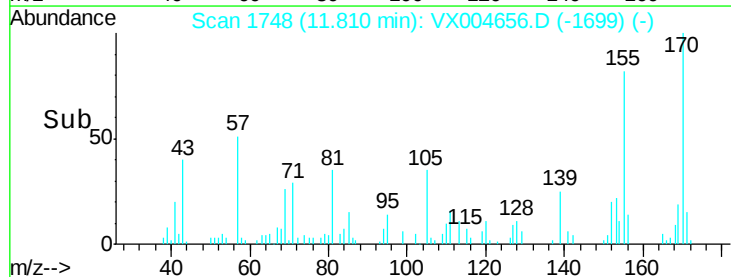
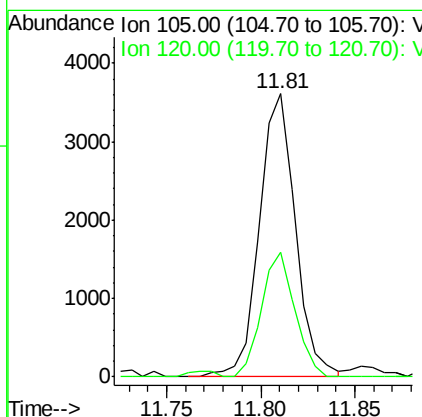
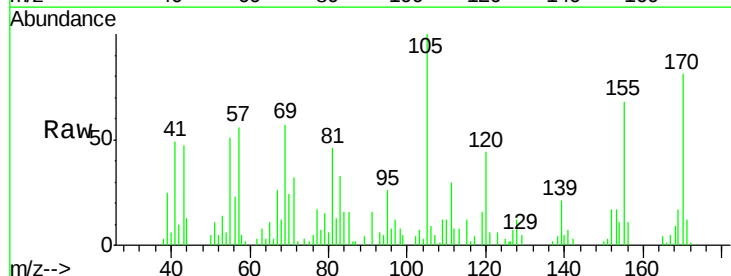
Instrument :
 MSVOA_X
 ClientSampled :
 SP-PIT-1

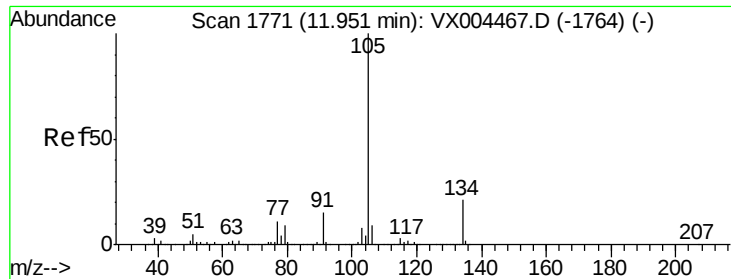
Tot Ion:105 Resp: 3485
 Ion Ratio Lower Upper
 105 100
 120 48.8 25.6 76.8



#84
 1,2,4-Trimethylbenzene
 Concen: 0.46 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004656.D
 Acq: 18 Sep 2018 14:29

Tgt Ion:105 Resp: 4802
 Ion Ratio Lower Upper
 105 100
 120 40.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 0.50 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004656.D

Acq: 18 Sep 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

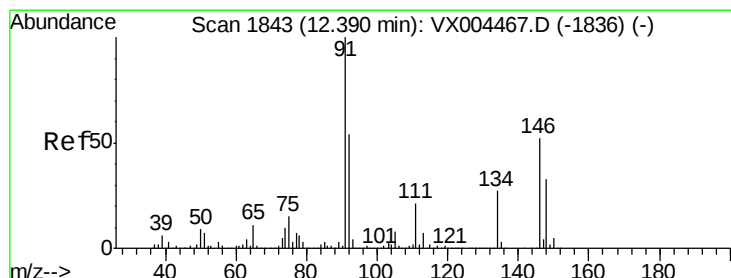
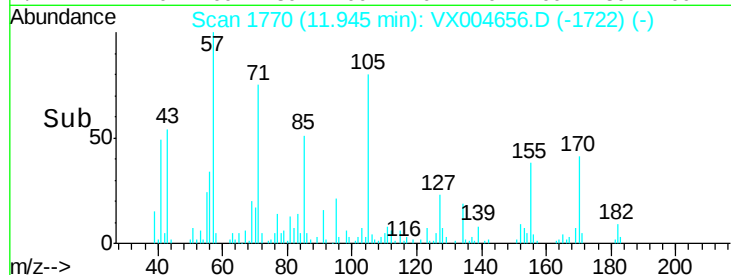
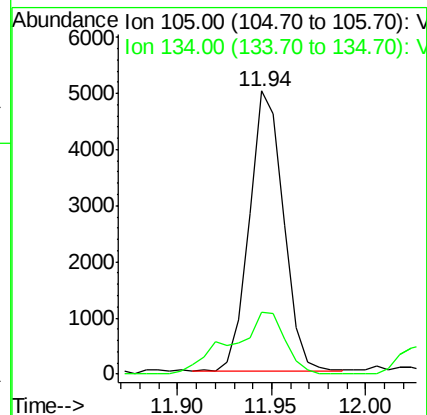
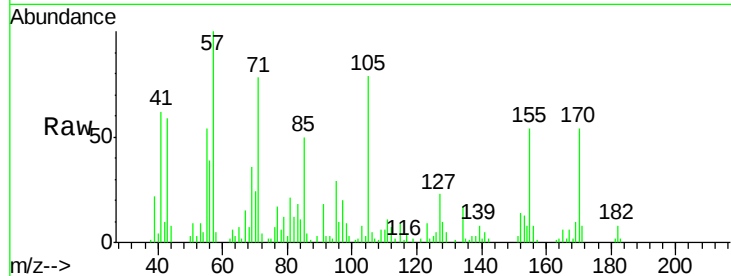
SP-PIT-1

Tot Ion:105 Resp: 6242

Ion Ratio Lower Upper

105 100

134 34.8 10.5 31.5#



#89

n-Butylbenzene

Concen: 0.96 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX004656.D

Acq: 18 Sep 2018 14:29

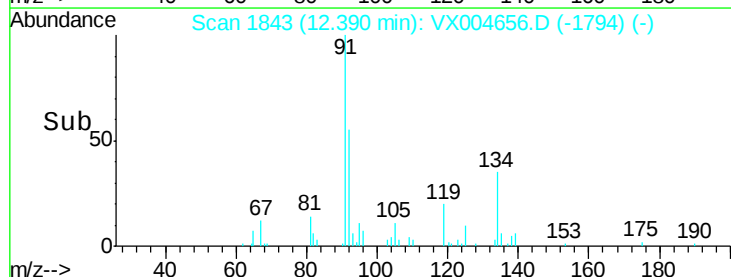
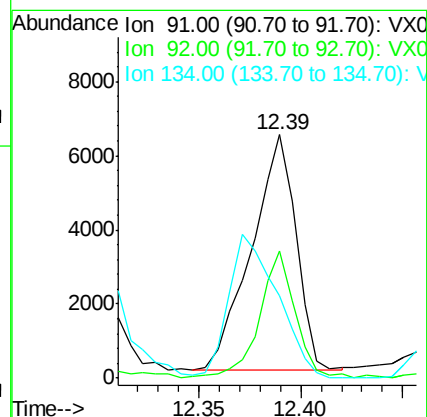
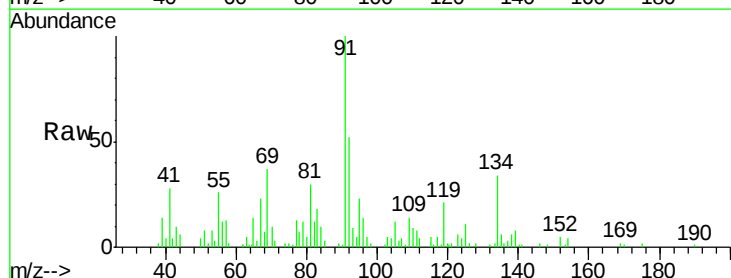
Tgt Ion: 91 Resp: 9669

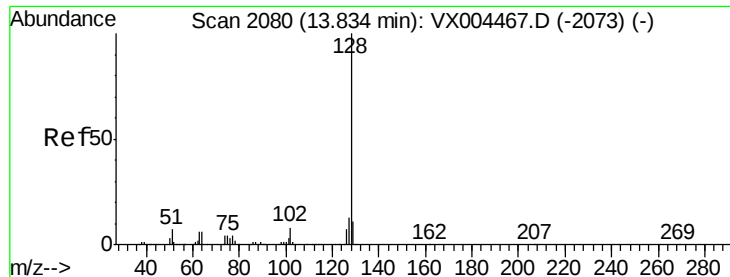
Ion Ratio Lower Upper

91 100

92 43.7 27.3 81.9

134 66.6 13.6 40.7#





#95

Naphthalene

Concen: 3.76 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004656.D

Acq: 18 Sep 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

SP-PIT-1

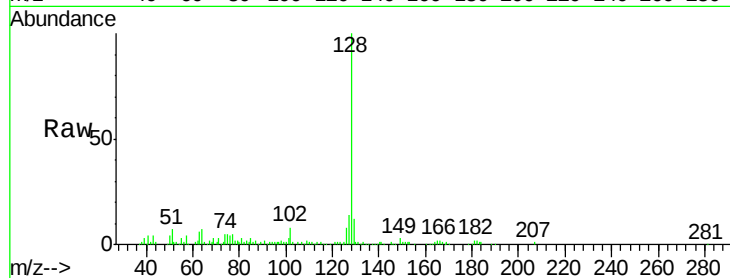
Tot Ion:128 Resp: 47562

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.2

129 13.2 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

