

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091818\
 Data File : VX004662.D
 Acq On : 18 Sep 2018 17:09
 Operator : JC/MD
 Sample : J4906-05DL 2X
 Misc : 4.08g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-PIT-1DL

Quant Time: Sep 19 11:47:25 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	5.66	168	229768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	345137	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	317600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201452	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	129737	43.79	ug/l	0.00
Spiked Amount			Recovery	=	87.58%	
35) Dibromofluoromethane	5.51	113	126257	39.98	ug/l	0.00
Spiked Amount			Recovery	=	79.96%	
50) Toluene-d8	8.71	98	468562	44.24	ug/l	0.00
Spiked Amount			Recovery	=	88.48%	
62) 4-Bromofluorobenzene	11.14	95	194440	51.43	ug/l	0.00
Spiked Amount			Recovery	=	102.86%	

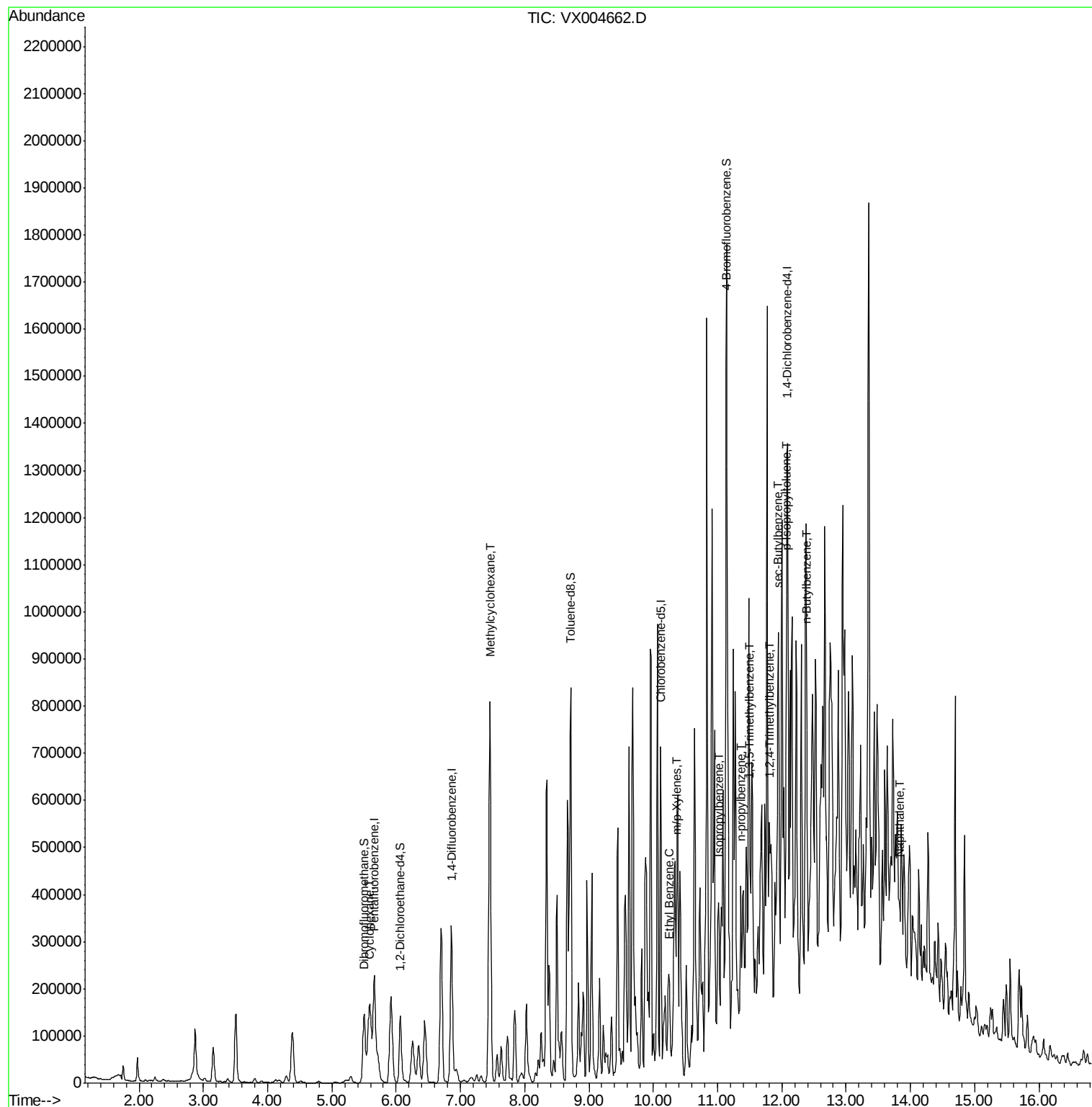
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.58	56	101625	23.71	ug/l	# 79
39) Methylcyclohexane	7.46	83	376926	86.20	ug/l	96
67) Ethyl Benzene	10.26	91	43021	3.35	ug/l	97
68) m/p-Xylenes	10.36	106	10701	2.17	ug/l	77
73) Isopropylbenzene	11.02	105	95455	7.19	ug/l	100
78) n-propylbenzene	11.36	91	180864	11.86	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	39563	3.55	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	45503	4.00	ug/l	98
85) sec-Butylbenzene	11.94	105	79705	5.89	ug/l	# 74
86) p-Isopropyltoluene	12.07	119	86125	7.21	ug/l	97
89) n-Butylbenzene	12.39	91	133223	12.23	ug/l	# 62
95) Naphthalene	13.83	128	67644	4.92	ug/l	# 90

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

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Quant Time: Sep 19 11:47:25 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: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004662.D

Acq: 18 Sep 2018 17:09

Instrument :

MSVOA_X

ClientSampleId :

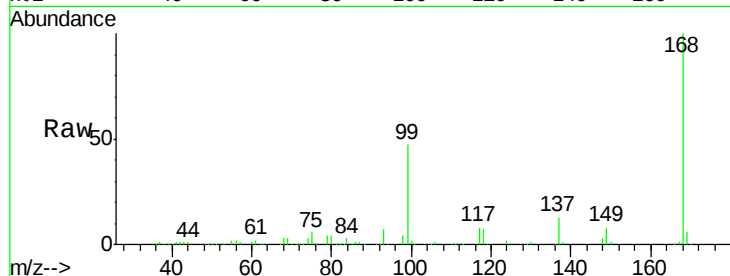
SP-PIT-1DL

Tot Ion:168 Resp: 229768

Ion Ratio Lower Upper

168 100

99 47.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

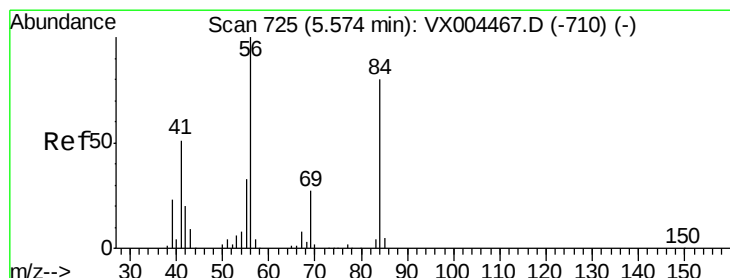
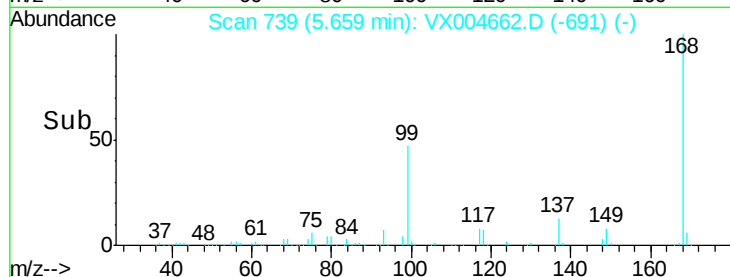
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 23.71 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX004662.D

Acq: 18 Sep 2018 17:09

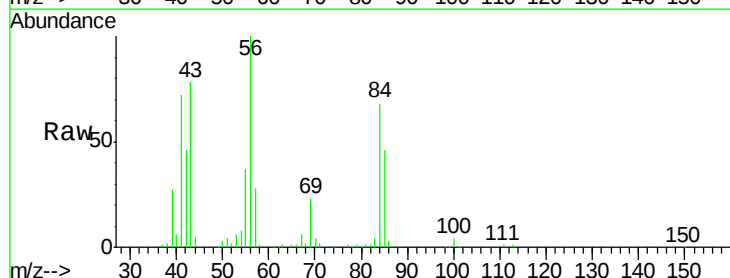
Tgt Ion: 56 Resp: 101625

Ion Ratio Lower Upper

56 100

69 21.6 25.4 38.2#

84 68.4 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

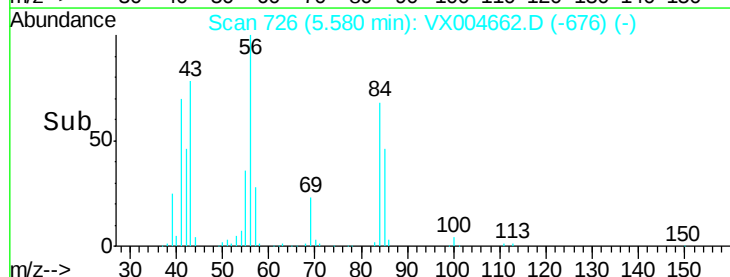
30000

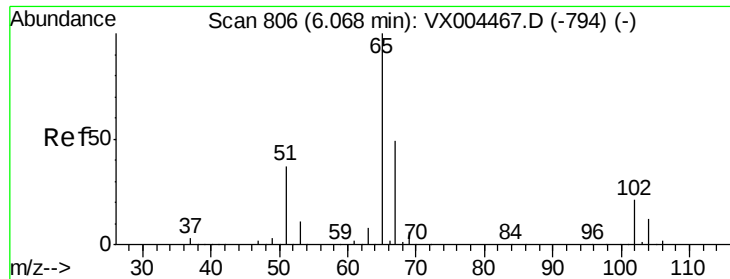
20000

10000

0

Time--> 5.40 5.50 5.60 5.70





#33

1,2-Dichloroethane-d4

Concen: 43.79 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004662.D

Acq: 18 Sep 2018 17:09

Instrument :

MSVOA_X

ClientSampleId :

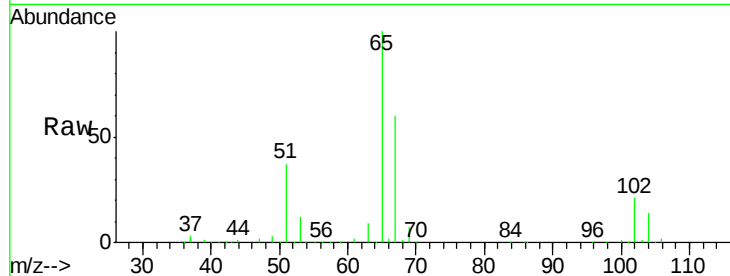
SP-PIT-1DL

Tot Ion: 65 Resp: 129737

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

6.06

50000

40000

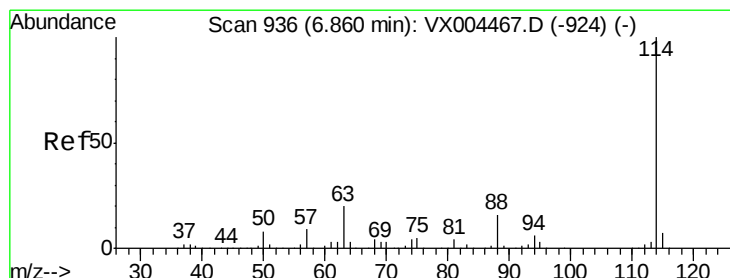
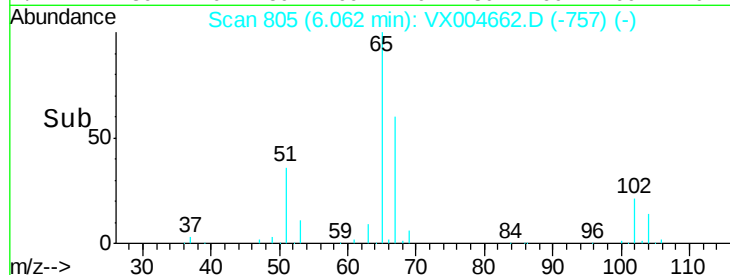
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004662.D

Acq: 18 Sep 2018 17:09

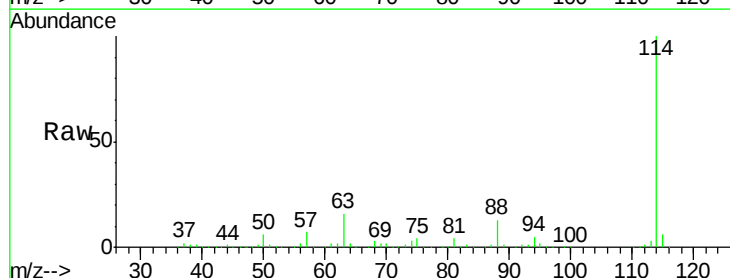
Tgt Ion: 114 Resp: 345137

Ion Ratio Lower Upper

114 100

63 16.4 0.0 39.0

88 12.7 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

6.86

200000

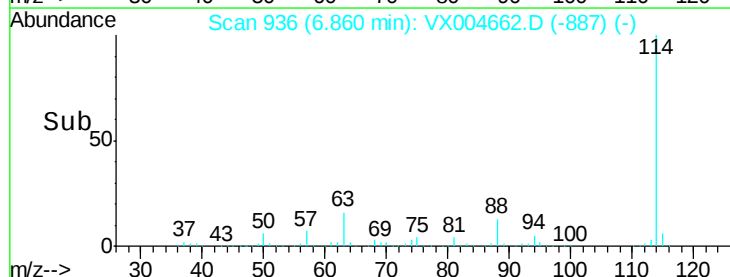
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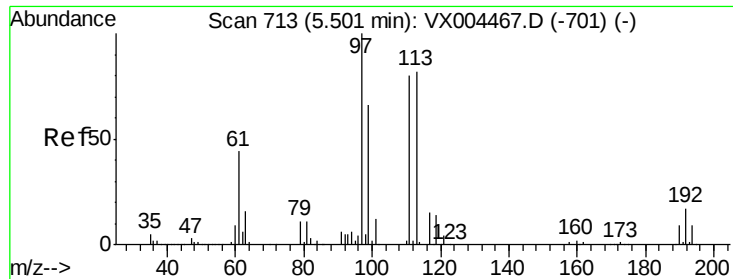
100000

50000

0

Time--> 6.80 6.90 7.00

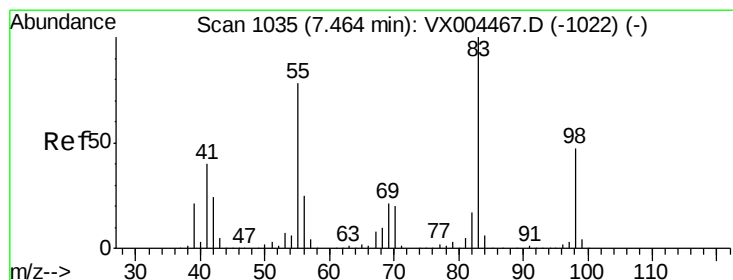
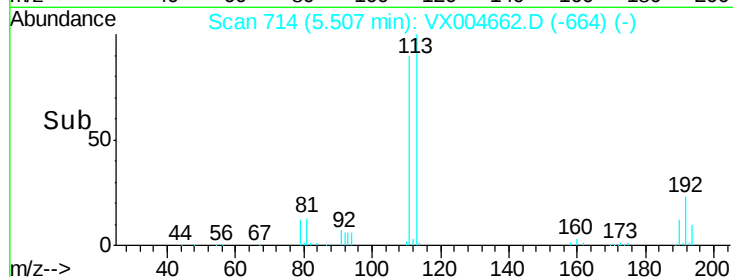
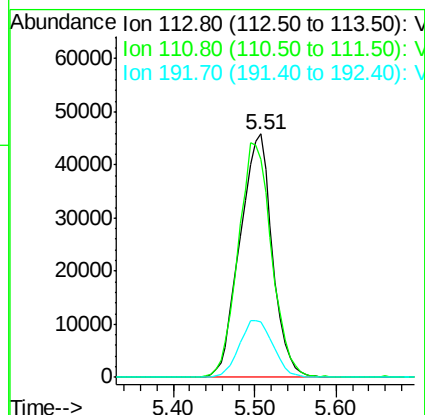
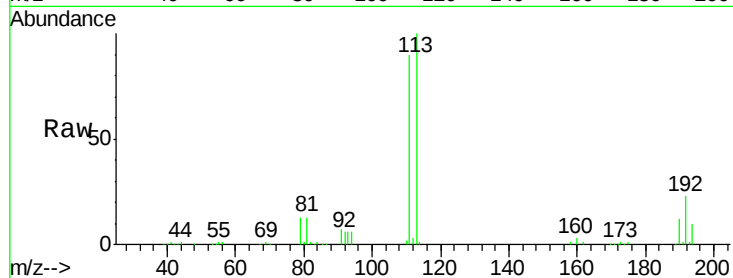




#35
 Dibromofluoromethane
 Concen: 39.98 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004662.D
 Acq: 18 Sep 2018 17:09

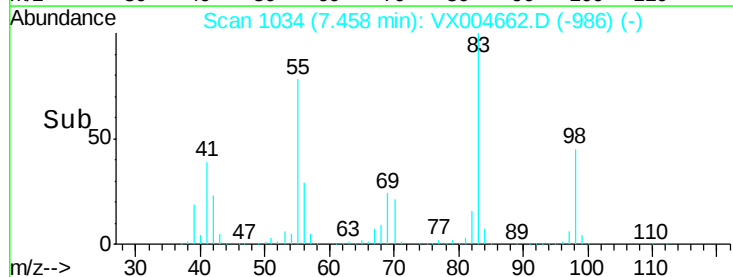
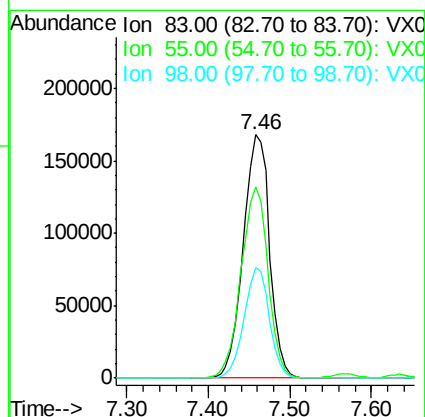
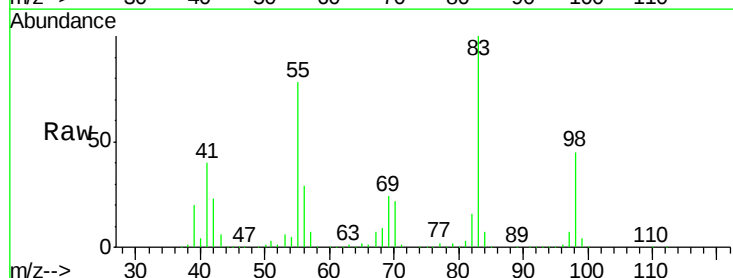
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-PIT-1DL

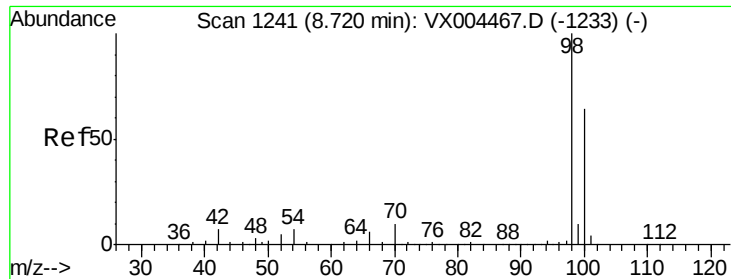
Tot Ion:113 Resp: 126257
 Ion Ratio Lower Upper
 113 100
 111 99.7 82.4 123.6
 192 24.5 19.4 29.2



#39
 Methylcyclohexane
 Concen: 86.20 ug/l
 RT: 7.46 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: VX004662.D
 Acq: 18 Sep 2018 17:09

Tgt Ion: 83 Resp: 376926
 Ion Ratio Lower Upper
 83 100
 55 78.2 61.0 91.4
 98 45.4 39.6 59.4





#50

Toluene-d8

Concen: 44.24 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004662.D

Acq: 18 Sep 2018 17:09

Instrument :

MSVOA_X

ClientSampleId :

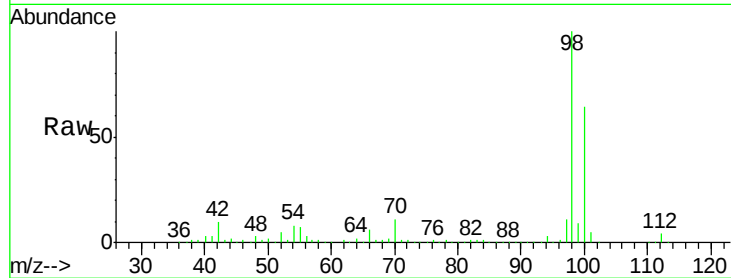
SP-PIT-1DL

Tot Ion: 98 Resp: 468562

Ion Ratio Lower Upper

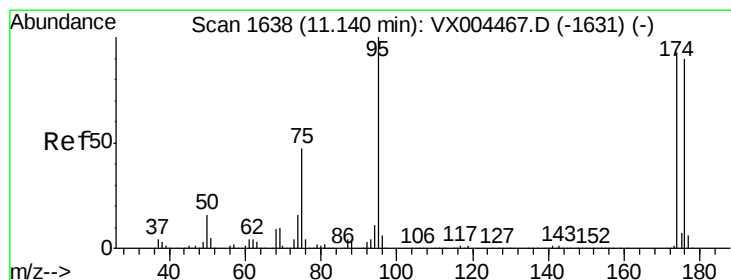
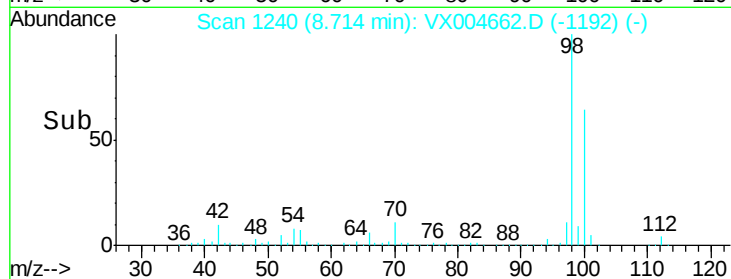
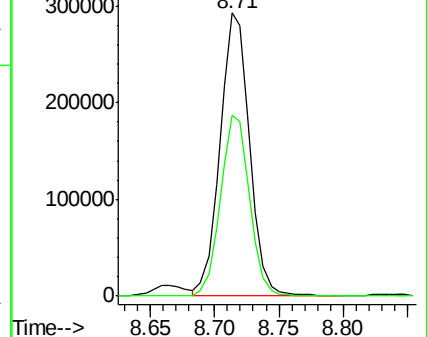
98 100

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: 51.43 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004662.D

Acq: 18 Sep 2018 17:09

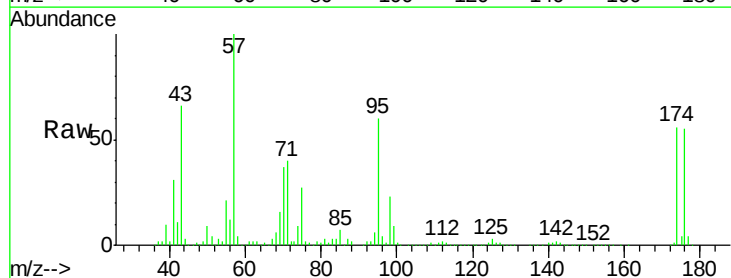
Tgt Ion: 95 Resp: 194440

Ion Ratio Lower Upper

95 100

174 89.0 0.0 185.2

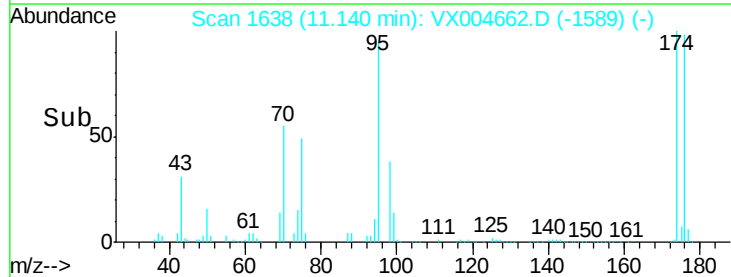
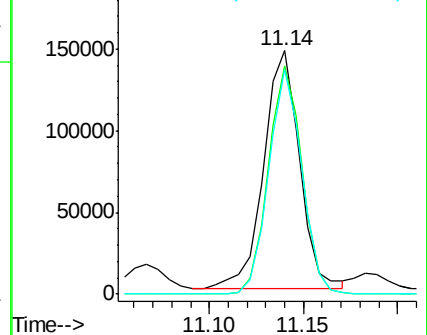
176 86.2 0.0 178.6

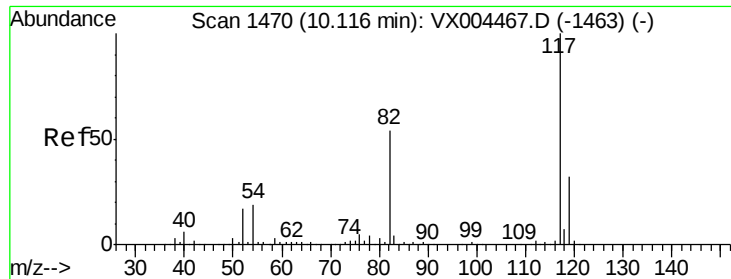


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

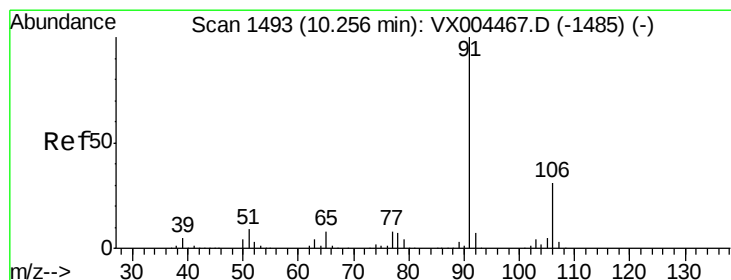
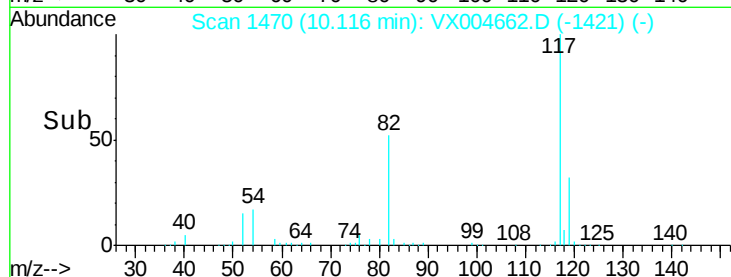
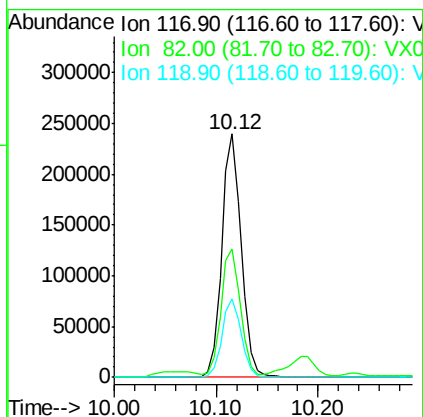
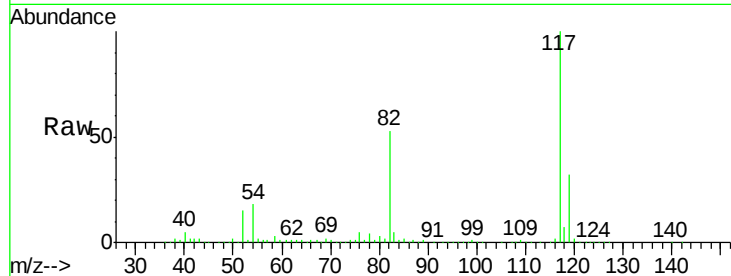




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004662.D
Acq: 18 Sep 2018 17:09

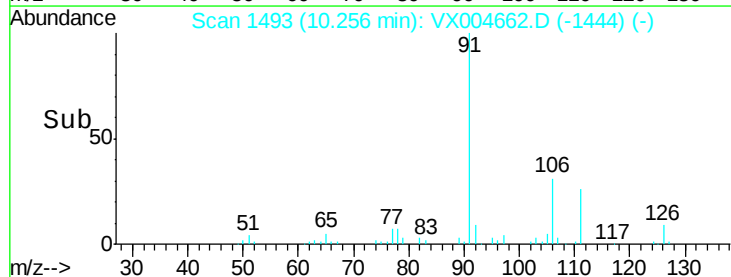
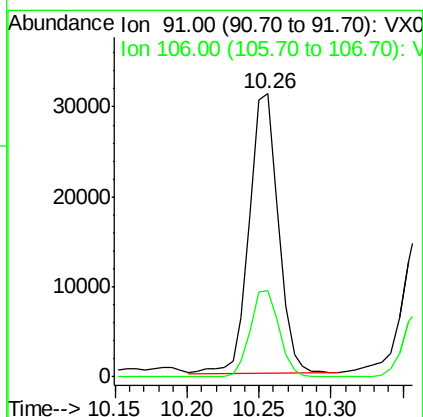
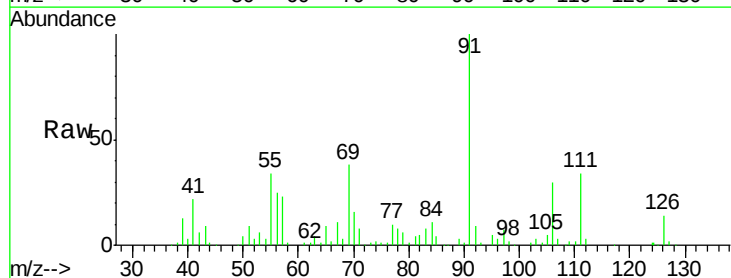
Instrument :
MSVOA_X
ClientSampleId :
SP-PIT-1DL

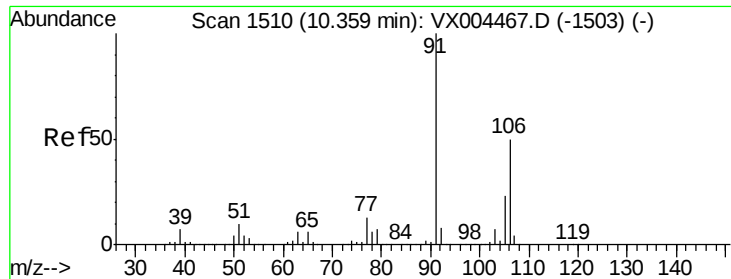
Tot Ion:117 Resp: 317600
Ion Ratio Lower Upper
117 100
82 52.0 47.8 71.6
119 32.1 29.3 43.9



#67
Ethyl Benzene
Concen: 3.35 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004662.D
Acq: 18 Sep 2018 17:09

Tgt Ion: 91 Resp: 43021
Ion Ratio Lower Upper
91 100
106 30.8 25.9 38.9

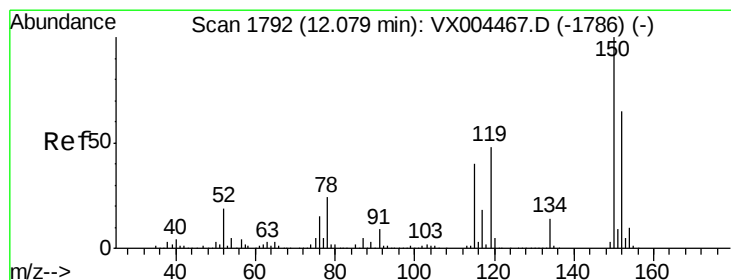
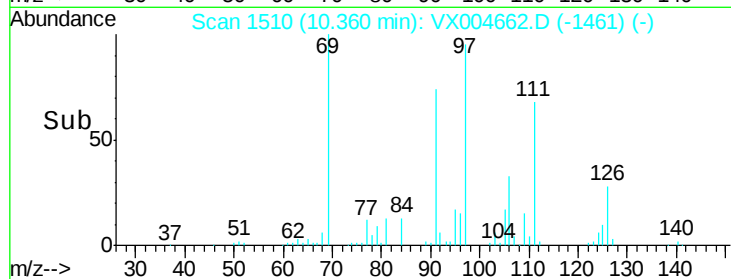
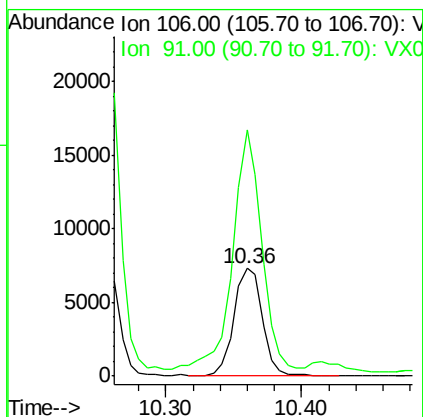
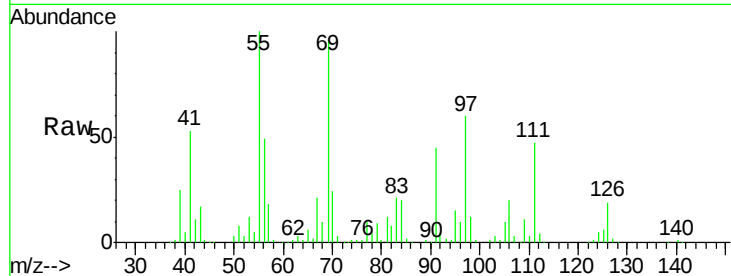




#68
m/p-Xvlenes
Concen: 2.17 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX004662.D
Acq: 18 Sep 2018 17:09

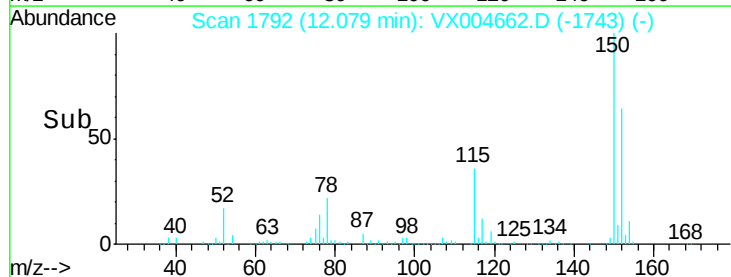
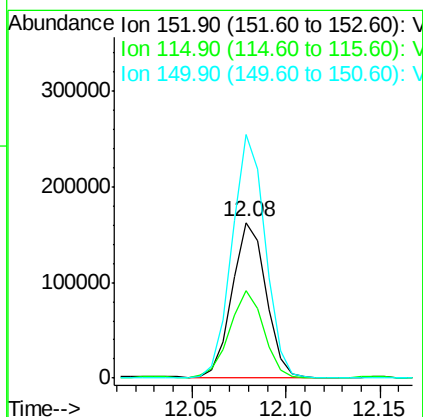
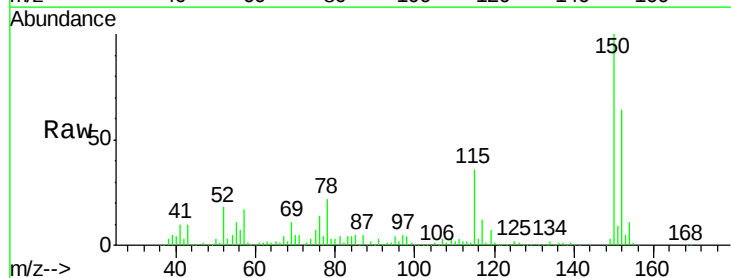
Instrument :
MSVOA_X
ClientSampleId :
SP-PIT-1DL

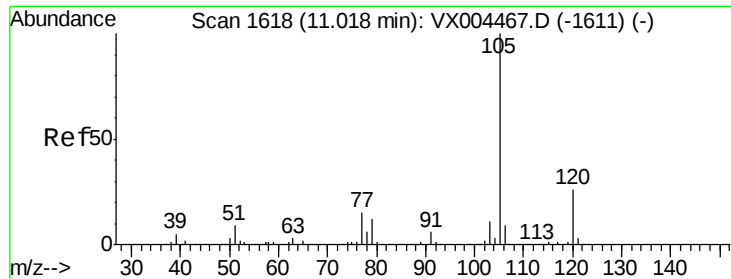
Tot Ion:106 Resp: 10701
Ion Ratio Lower Upper
106 100
91 231.4 157.1 235.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004662.D
Acq: 18 Sep 2018 17:09

Tgt Ion:152 Resp: 201452
Ion Ratio Lower Upper
152 100
115 56.7 39.0 117.0
150 154.4 0.0 351.0





#73

Isopropylbenzene

Concen: 7.19 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004662.D

Acq: 18 Sep 2018 17:09

Instrument :

MSVOA_X

ClientSampleId :

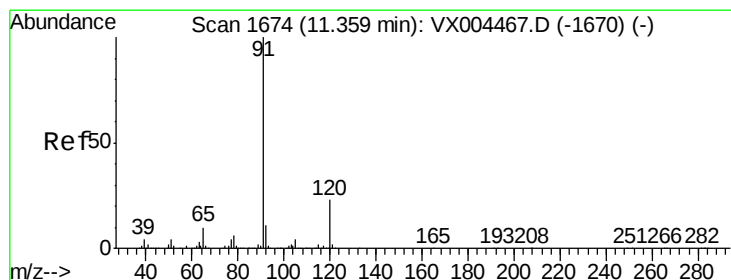
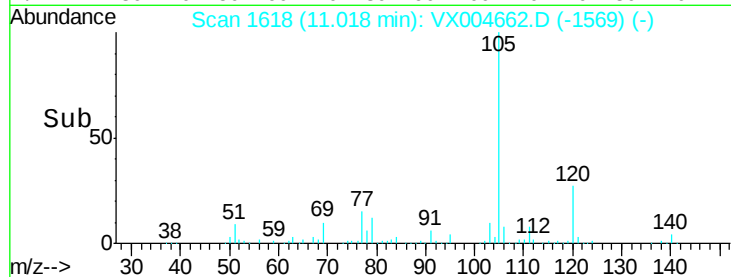
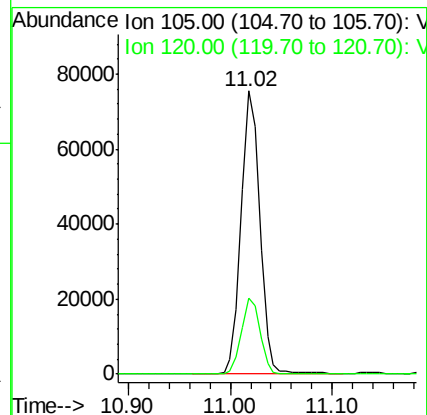
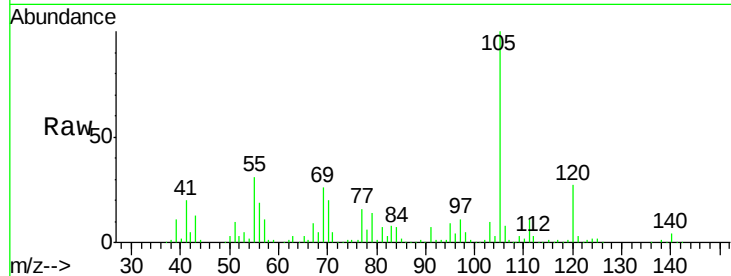
SP-PIT-1DL

Tot Ion: 105 Resp: 95455

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.4



#78

n-propylbenzene

Concen: 11.86 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004662.D

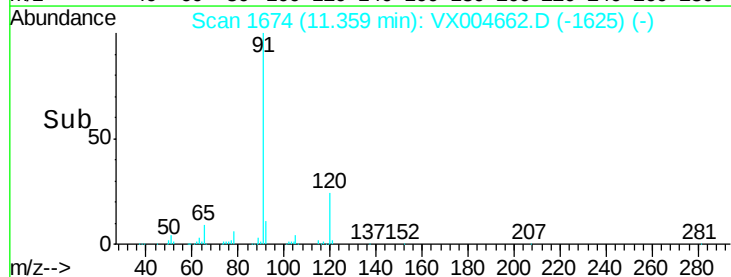
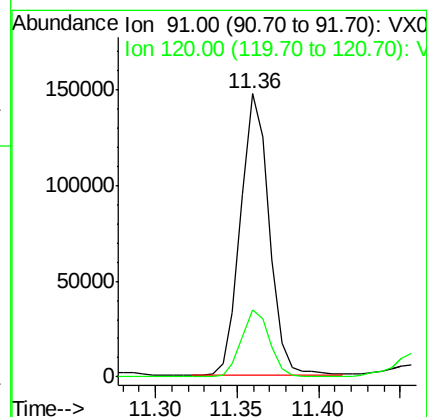
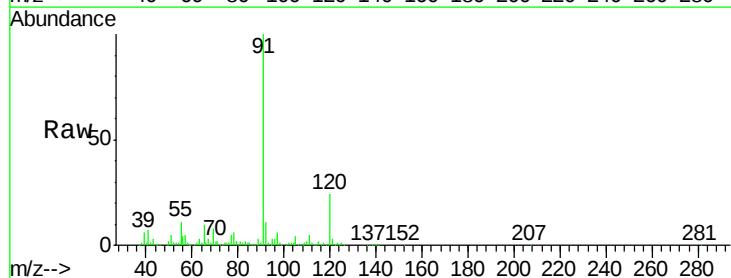
Acq: 18 Sep 2018 17:09

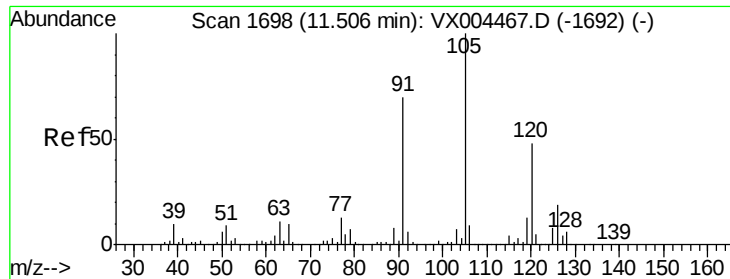
Tgt Ion: 91 Resp: 180864

Ion Ratio Lower Upper

91 100

120 23.5 11.9 35.9

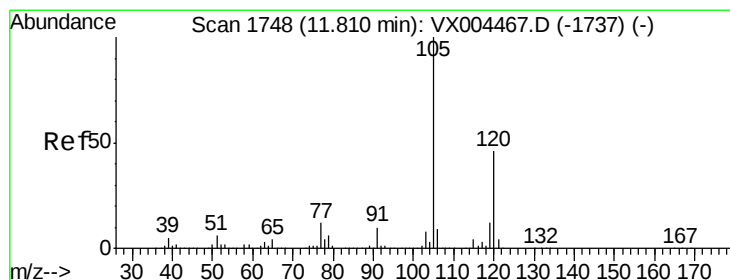
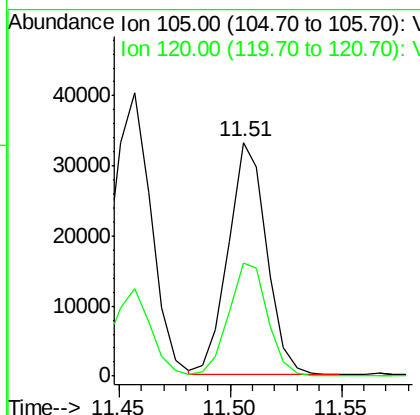
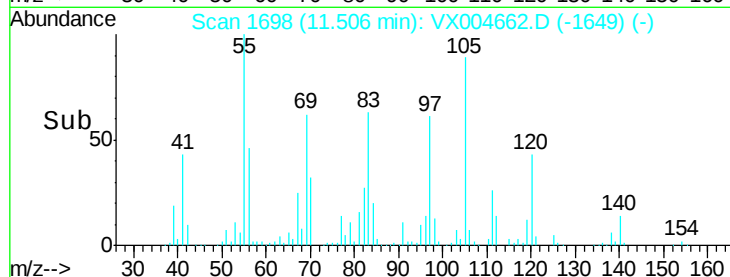
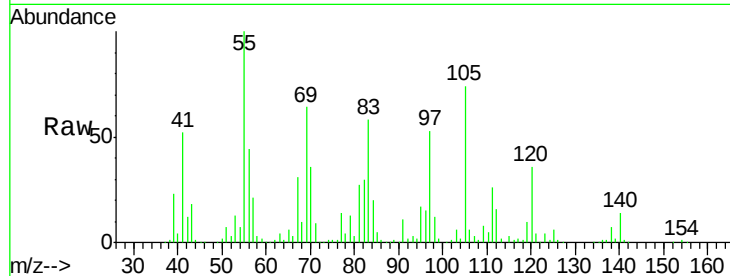




#80
 1,3,5-Trimethylbenzene
 Concen: 3.55 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004662.D
 Acq: 18 Sep 2018 17:09

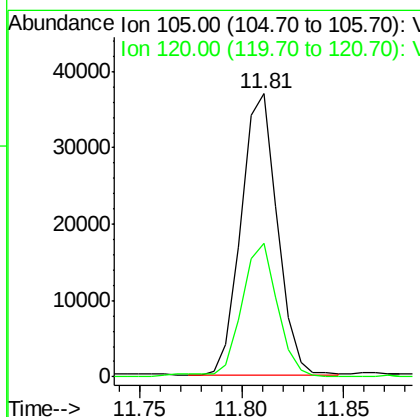
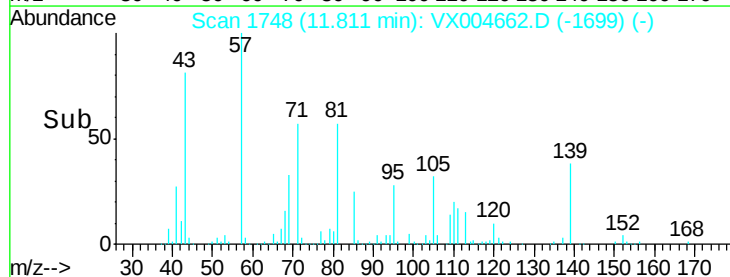
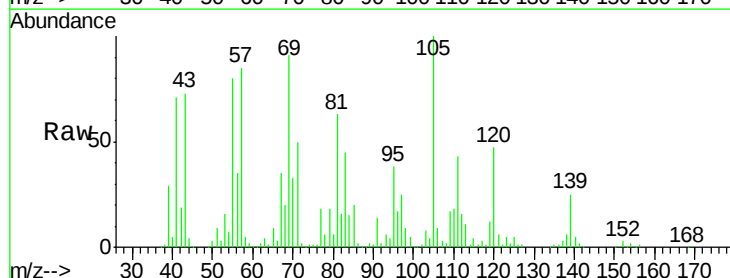
Instrument :
 MSVOA_X
 ClientSampled :
 SP-PIT-1DL

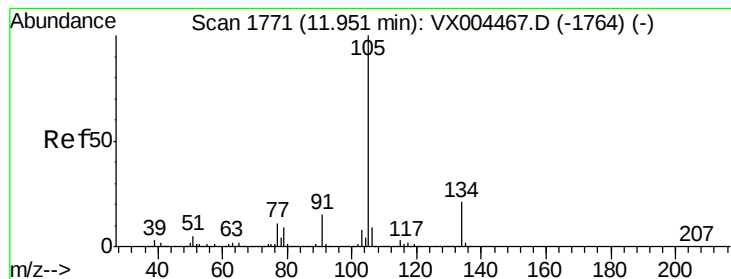
Tot Ion:105 Resp: 39563
 Ion Ratio Lower Upper
 105 100
 120 49.5 25.6 76.8



#84
 1,2,4-Trimethylbenzene
 Concen: 4.00 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004662.D
 Acq: 18 Sep 2018 17:09

Tgt Ion:105 Resp: 45503
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 5.89 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004662.D

Acq: 18 Sep 2018 17:09

Instrument :

MSVOA_X

ClientSampleId :

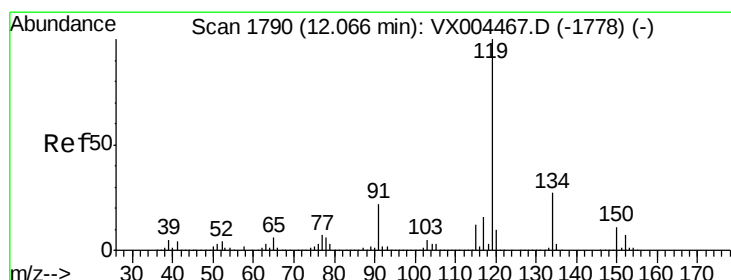
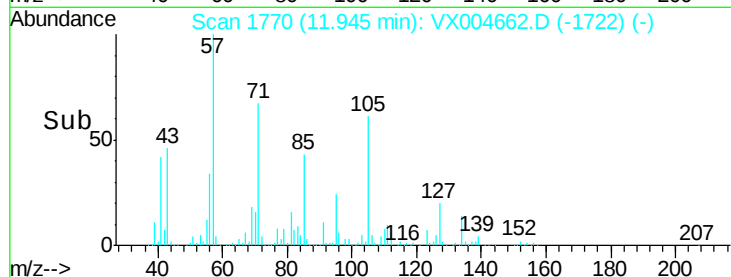
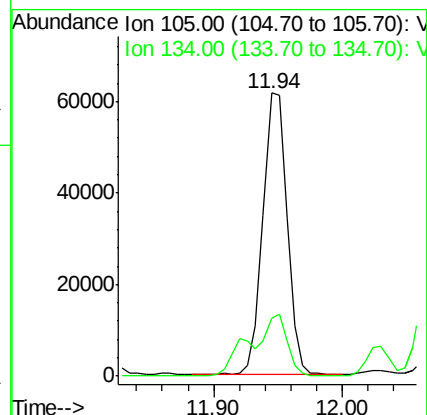
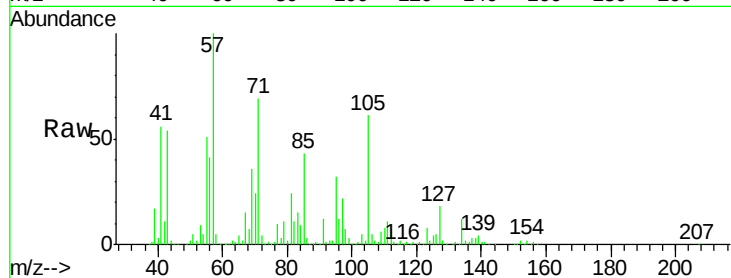
SP-PIT-1DL

Tot Ion:105 Resp: 79705

Ion Ratio Lower Upper

105 100

134 33.1 10.5 31.5#



#86

p-Isopropyltoluene

Concen: 7.21 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004662.D

Acq: 18 Sep 2018 17:09

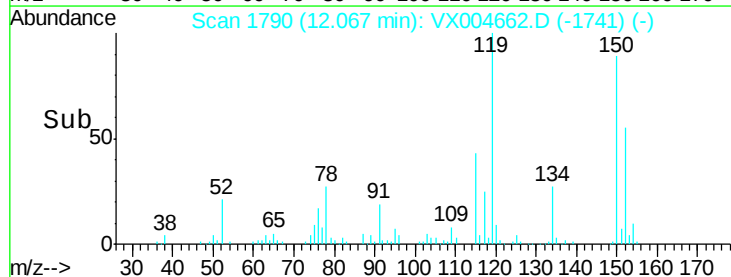
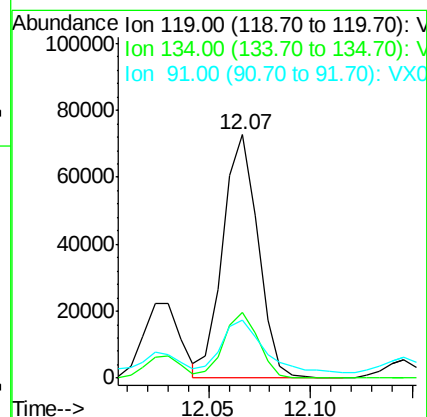
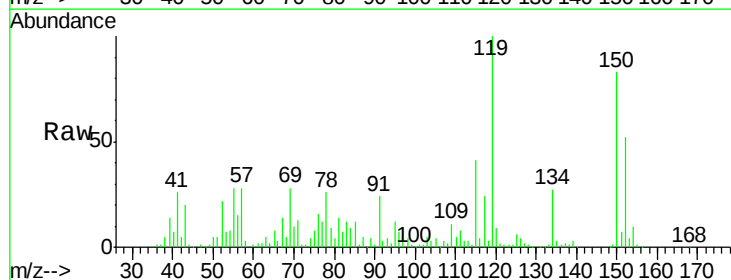
Tgt Ion:119 Resp: 86125

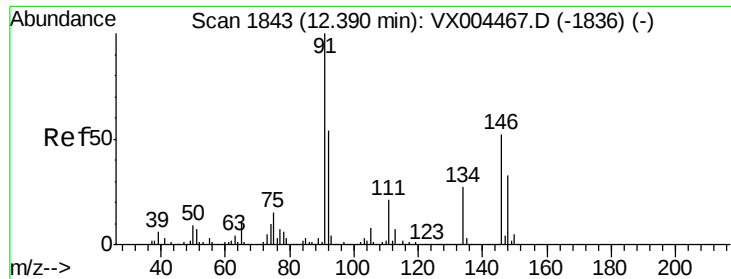
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

91 24.7 10.9 32.7

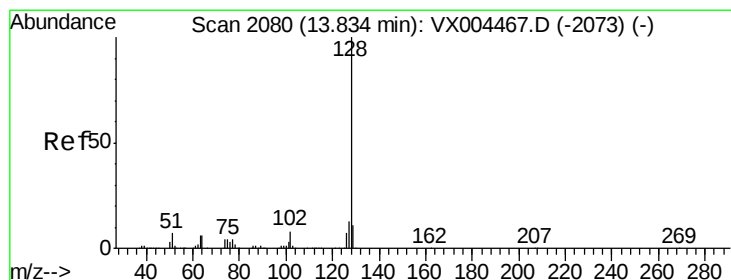
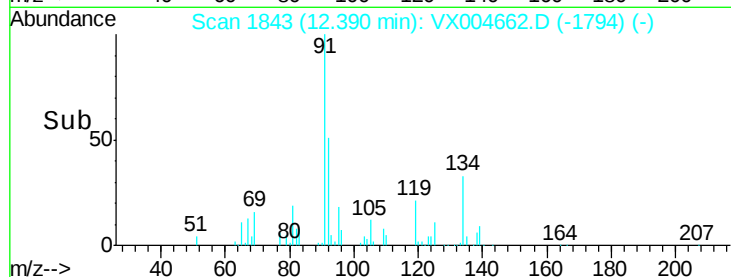
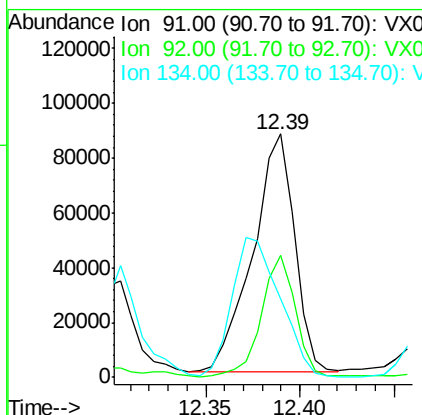
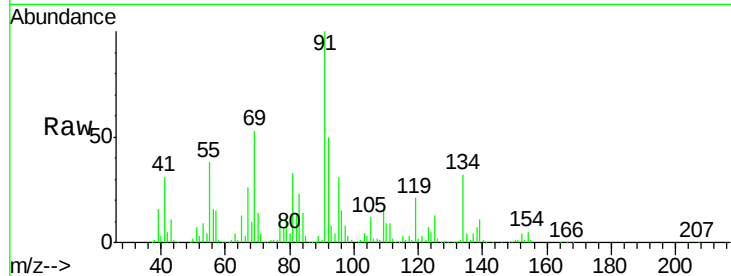




#89
n-Butylbenzene
Concen: 12.23 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004662.D
Acq: 18 Sep 2018 17:09

Instrument :
MSVOA_X
ClientSampleId :
SP-PIT-1DL

Tot Ion: 91 Resp: 133223
Ion Ratio Lower Upper
91 100
92 41.0 27.3 81.9
134 67.5 13.6 40.7#



#95
Naphthalene
Concen: 4.92 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004662.D
Acq: 18 Sep 2018 17:09

Tgt Ion: 128 Resp: 67644
Ion Ratio Lower Upper
128 100
127 15.8 10.2 15.2#
129 15.4 8.6 12.8#

