

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
 Data File : VX006180.D
 Acq On : 26 Nov 2018 17:24
 Operator : JC/MD
 Sample : J5996-02DL 25X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AOC2-01RDL

Quant Time: Nov 27 03:34:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	324480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	486892	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	448161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	227834	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	198294	52.74	ug/l	0.00
Spiked Amount			Recovery	=	105.48%	
35) Dibromofluoromethane	5.51	113	160794	51.45	ug/l	0.00
Spiked Amount			Recovery	=	102.90%	
50) Toluene-d8	8.71	98	593940	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	
62) 4-Bromofluorobenzene	11.14	95	212193	47.44	ug/l	0.00
Spiked Amount			Recovery	=	94.88%	

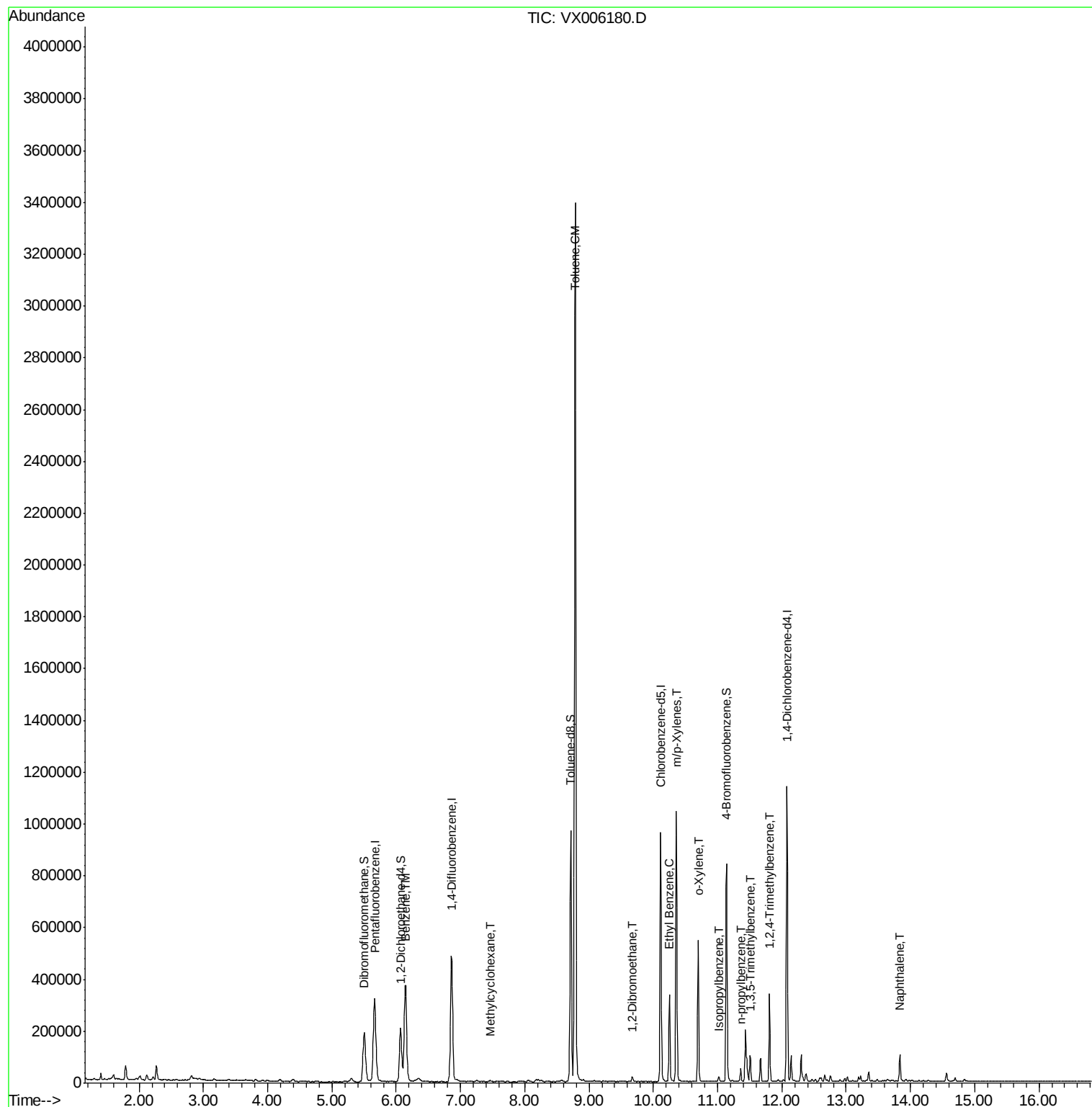
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	7.46	83	2038	0.40	ug/l	# 84
40) Benzene	6.15	78	448007	34.33	ug/l	99
52) Toluene	8.79	92	1225349	151.80	ug/l	98
61) 1,2-Dibromoethane	9.67	107	10027	2.78	ug/l	100
67) Ethyl Benzene	10.25	91	190275	12.64	ug/l	99
68) m/p-Xylenes	10.36	106	235624	40.20	ug/l	99
69) o-Xylene	10.70	106	114685	20.48	ug/l	97
73) Isopropylbenzene	11.02	105	9001	0.65	ug/l	100
78) n-propylbenzene	11.36	91	27965	1.74	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	41973	3.61	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	146555	12.36	ug/l	98
95) Naphthalene	13.83	128	63196	4.19	ug/l	98

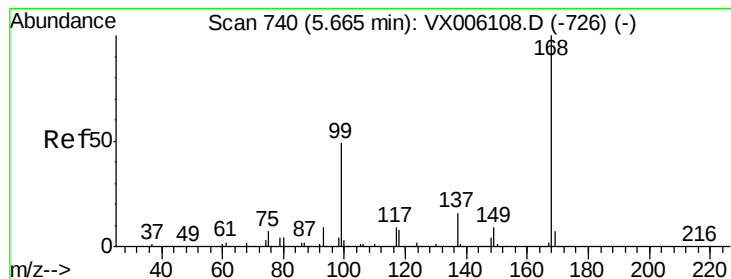
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006180.D

Acq: 26 Nov 2018 17:24

Instrument :

MSVOA_X

ClientSampleId :

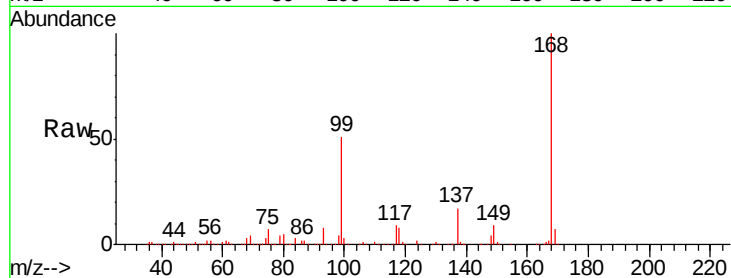
AOC2-01RDL

Tgt Ion: 168 Resp: 324480

Ion Ratio Lower Upper

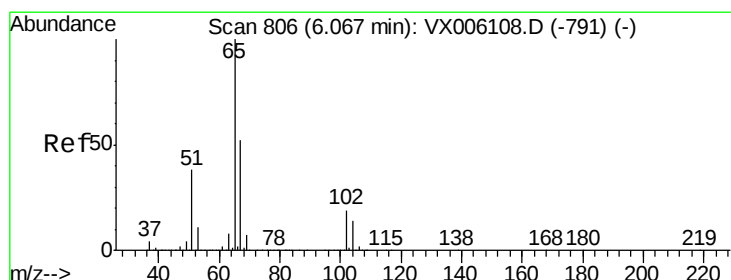
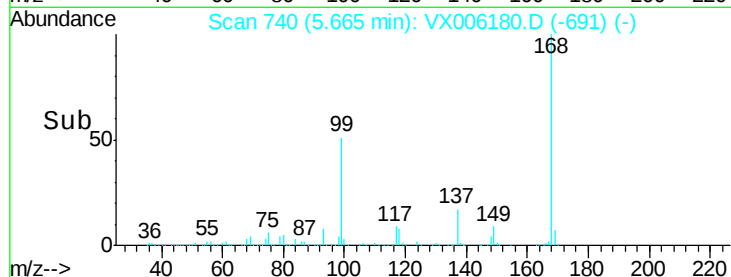
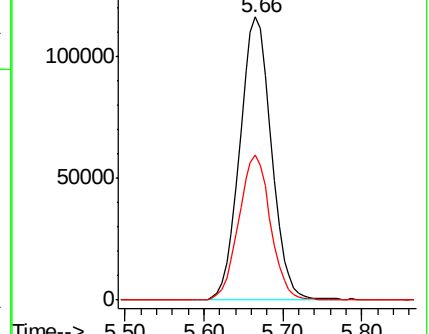
168 100

99 51.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.74 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006180.D

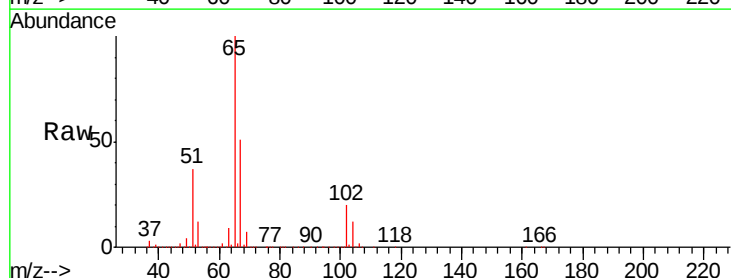
Acq: 26 Nov 2018 17:24

Tgt Ion: 65 Resp: 198294

Ion Ratio Lower Upper

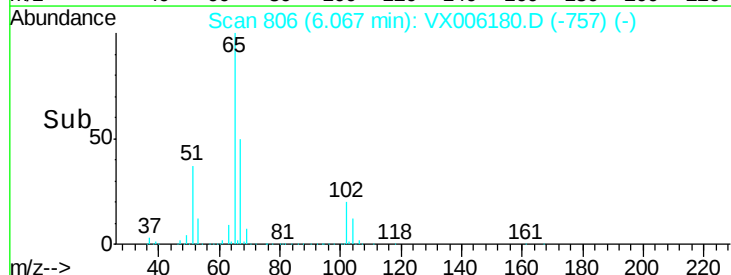
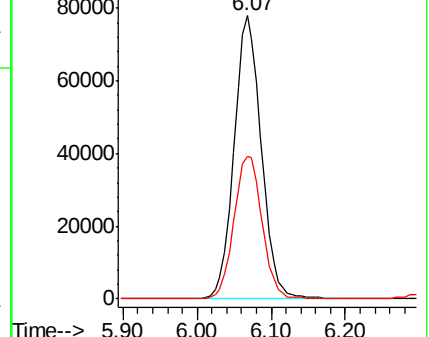
65 100

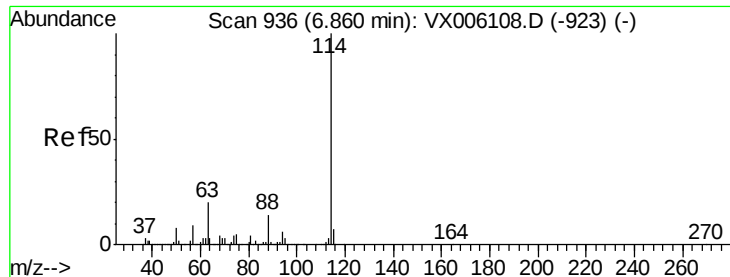
67 52.5 0.0 105.8



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: VX006180.D

Acq: 26 Nov 2018 17:24

Instrument :

MSVOA_X

ClientSampled :

AOC2-01RDL

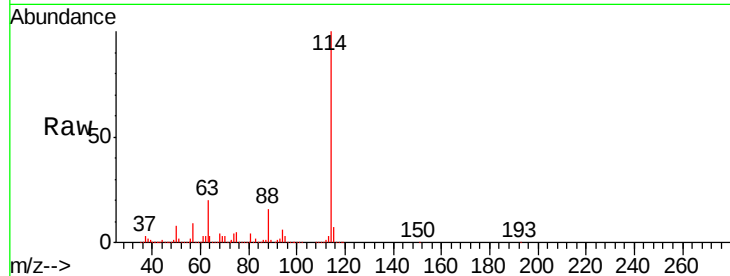
Tgt Ion:114 Resp: 486892

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.2

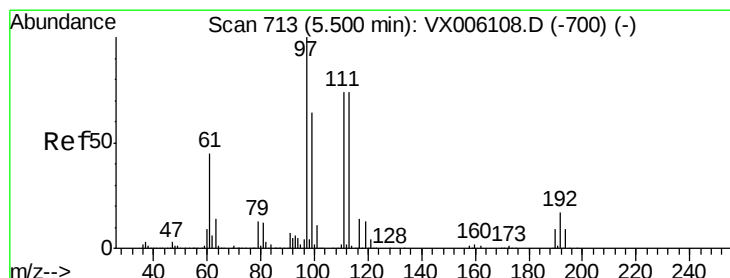
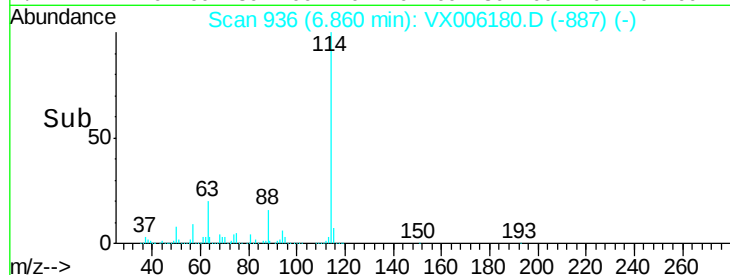
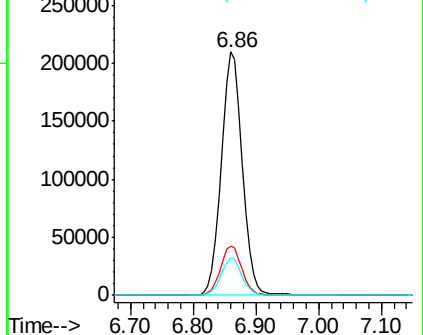
88 15.6 0.0 28.6



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: 51.45 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006180.D

Acq: 26 Nov 2018 17:24

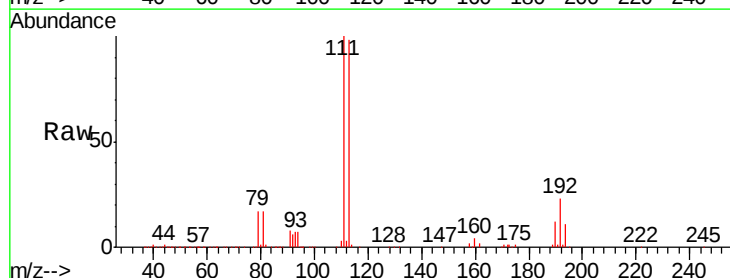
Tgt Ion:113 Resp: 160794

Ion Ratio Lower Upper

113 100

111 102.7 81.5 122.3

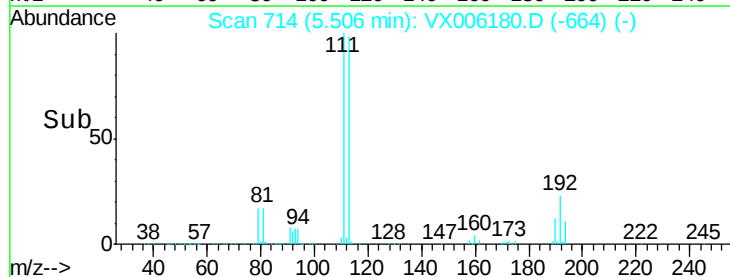
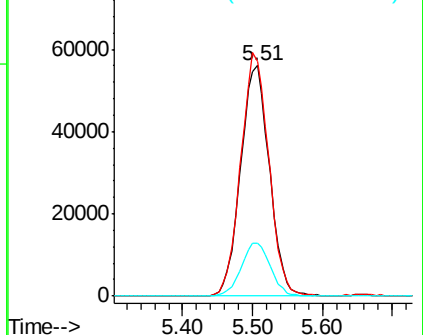
192 23.4 18.6 28.0

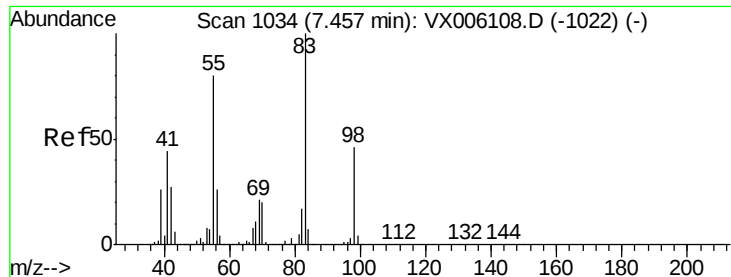


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

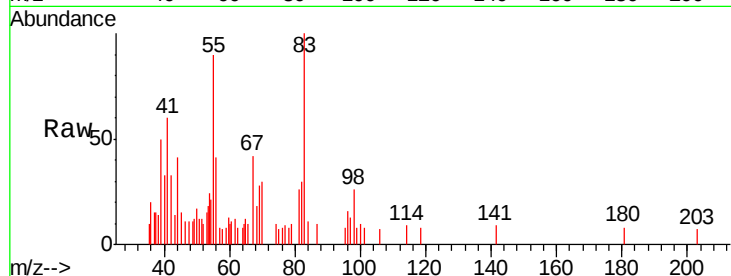




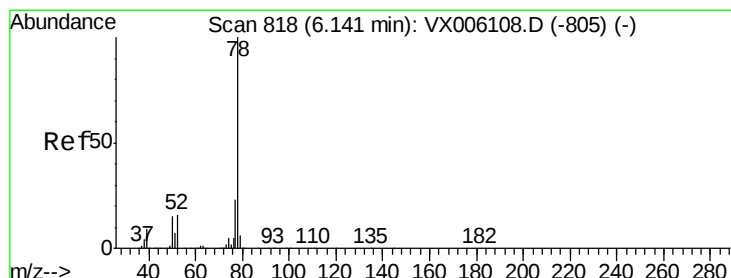
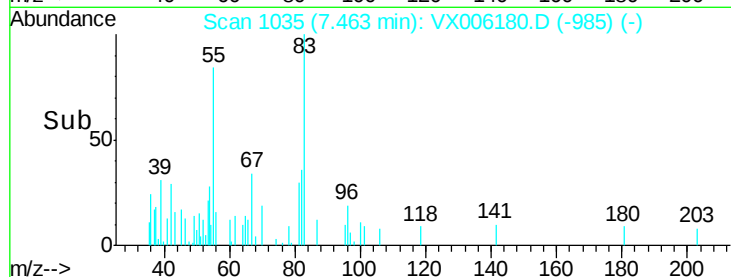
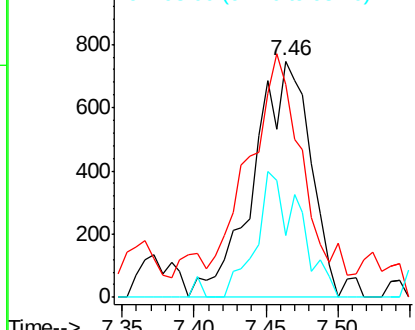
#39
Methylcyclohexane
Concen: 0.40 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006180.D
Acq: 26 Nov 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :
AOC2-01RDL

Tgt Ion: 83 Resp: 2038
Ion Ratio Lower Upper
83 100
55 72.4 63.9 95.9
98 26.0 36.8 55.2#

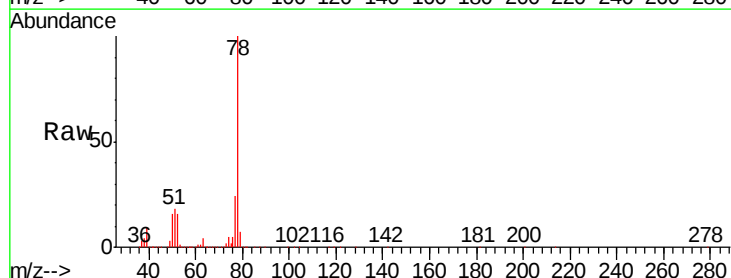


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

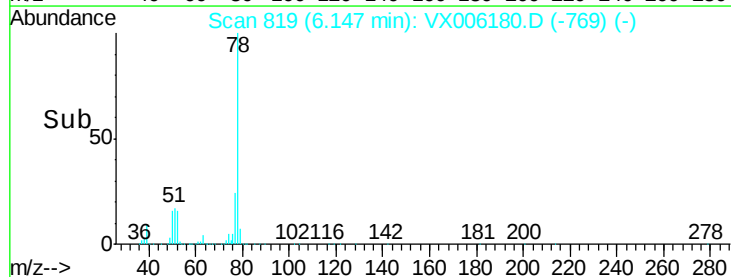
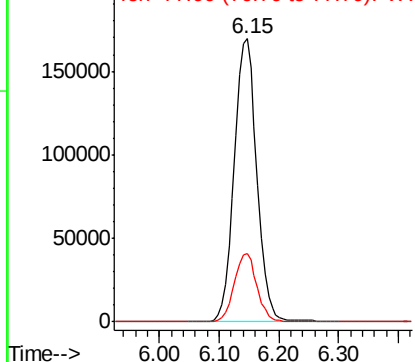


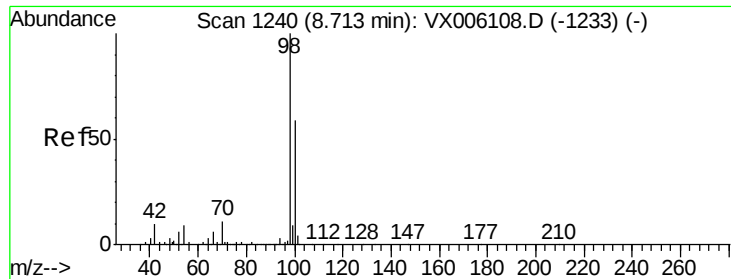
#40
Benzene
Concen: 34.33 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006180.D
Acq: 26 Nov 2018 17:24

Tgt Ion: 78 Resp: 448007
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#50

Toluene-d8

Concen: 49.82 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006180.D

Acq: 26 Nov 2018 17:24

Instrument :

MSVOA_X

ClientSampleId :

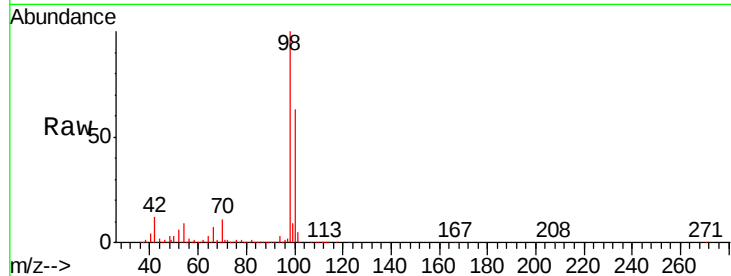
AOC2-01RDL

Tgt Ion: 98 Resp: 593940

Ion Ratio Lower Upper

98 100

100 62.9 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

400000

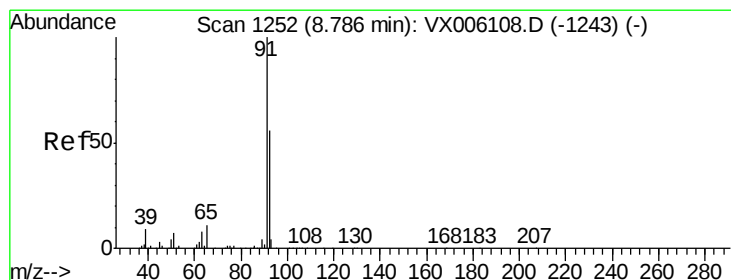
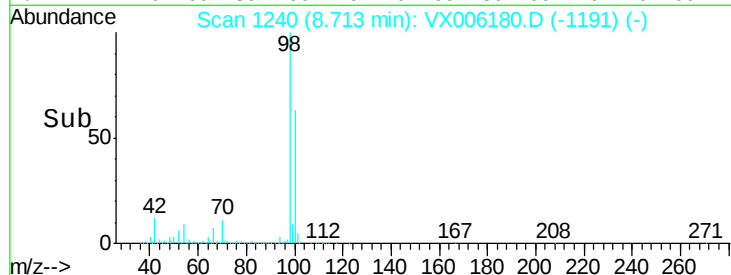
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 151.80 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006180.D

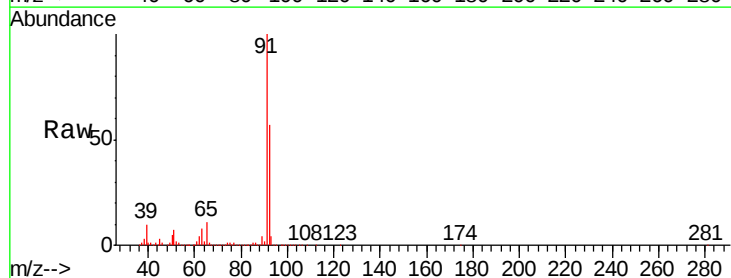
Acq: 26 Nov 2018 17:24

Tgt Ion: 92 Resp: 1225349

Ion Ratio Lower Upper

92 100

91 174.7 142.5 213.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

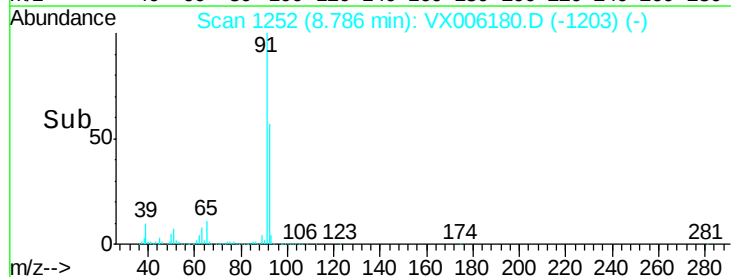
1500000

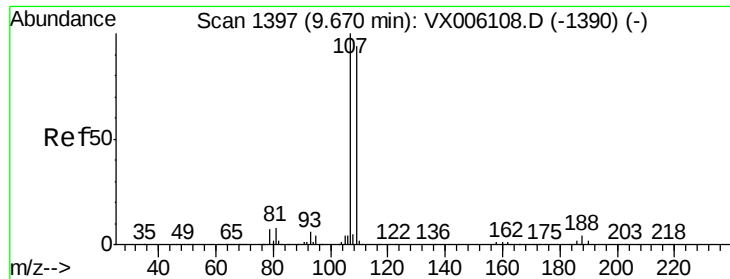
1000000

500000

0

Time-->





#61

1,2-Dibromoethane

Concen: 2.78 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006180.D

Acq: 26 Nov 2018 17:24

Instrument :

MSVOA_X

ClientSampleId :

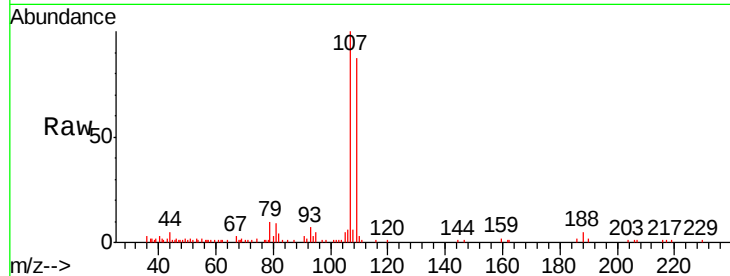
AOC2-01RDL

Tgt Ion: 107 Resp: 10027

Ion Ratio Lower Upper

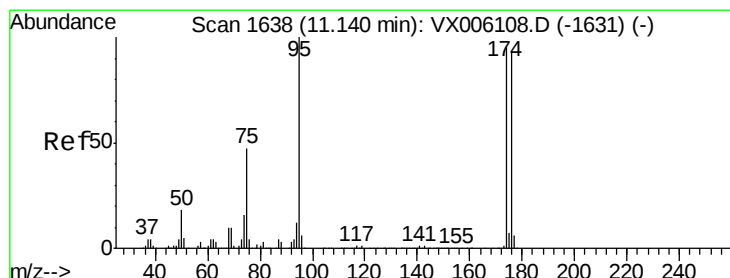
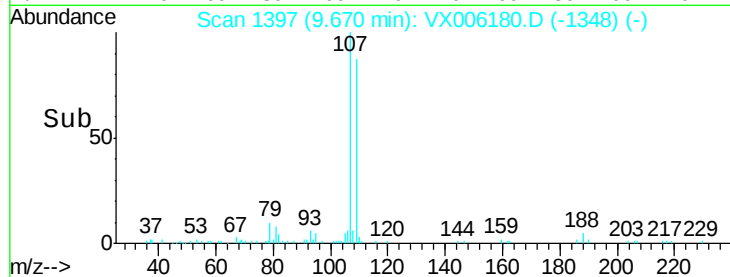
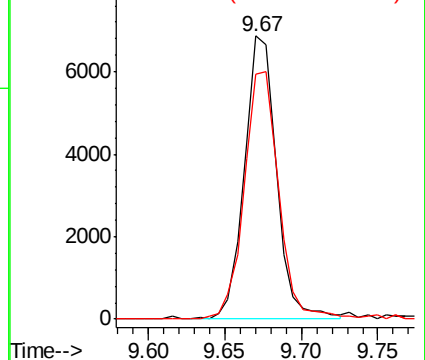
107 100

109 94.2 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.44 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006180.D

Acq: 26 Nov 2018 17:24

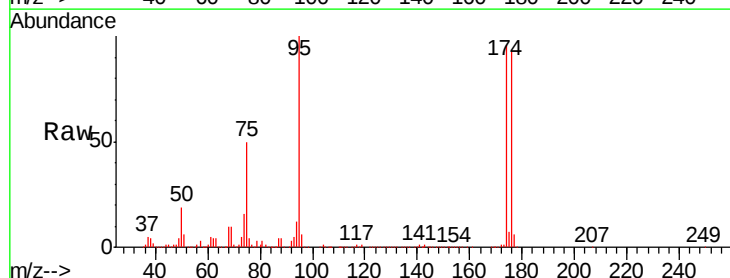
Tgt Ion: 95 Resp: 212193

Ion Ratio Lower Upper

95 100

174 92.3 0.0 184.4

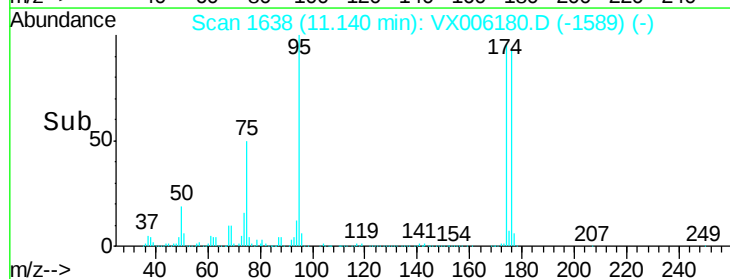
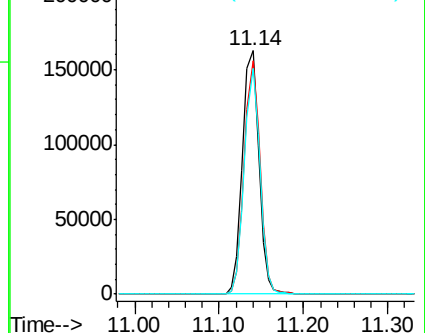
176 88.5 0.0 179.0

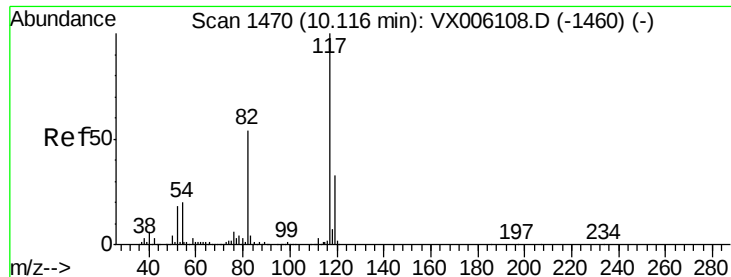


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

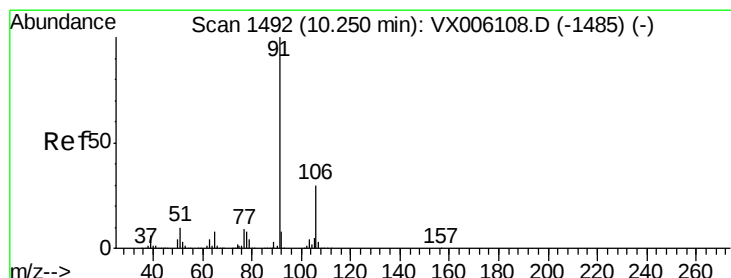
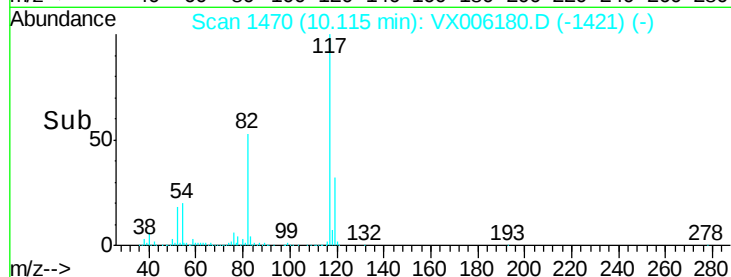
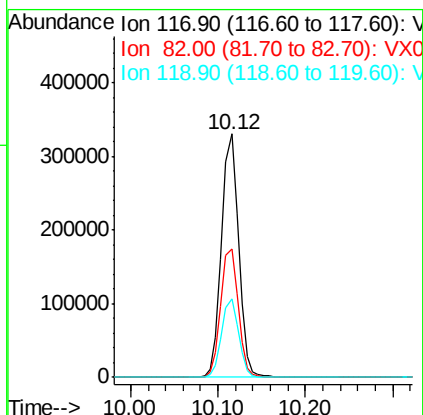
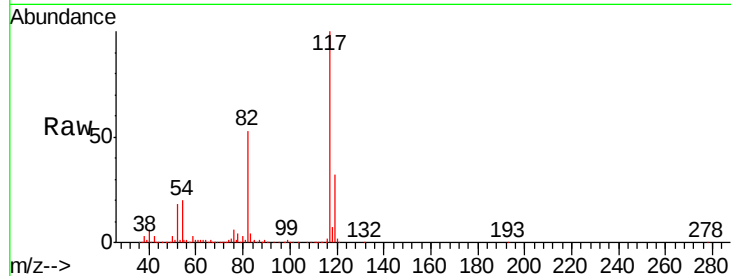




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006180.D
Acq: 26 Nov 2018 17:24

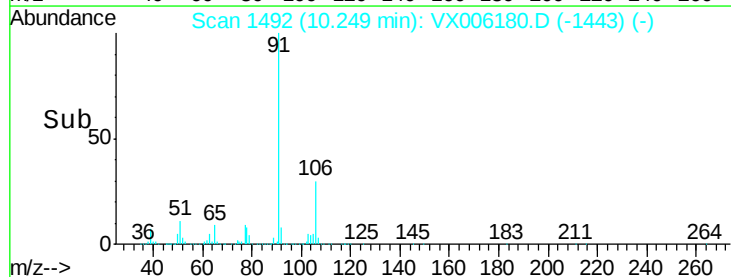
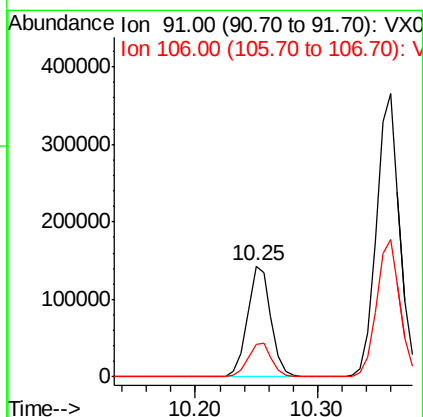
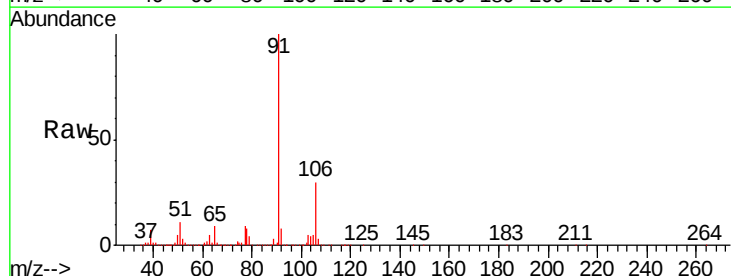
Instrument :
MSVOA_X
ClientSampleId :
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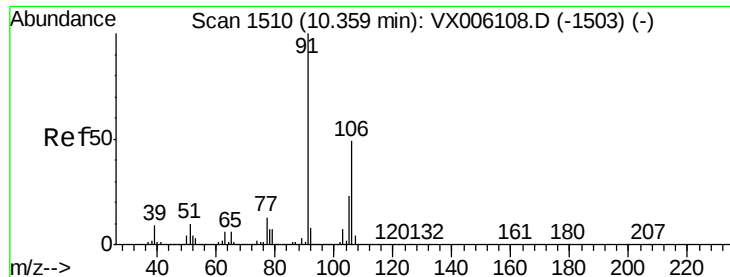
Tgt Ion:117 Resp: 448161
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 32.3 26.1 39.1



#67
Ethyl Benzene
Concen: 12.64 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006180.D
Acq: 26 Nov 2018 17:24

Tgt Ion: 91 Resp: 190275
Ion Ratio Lower Upper
91 100
106 29.8 24.4 36.6





#68

m/p-Xylenes

Concen: 40.20 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006180.D

Acq: 26 Nov 2018 17:24

Instrument :

MSVOA_X

ClientSampleId :

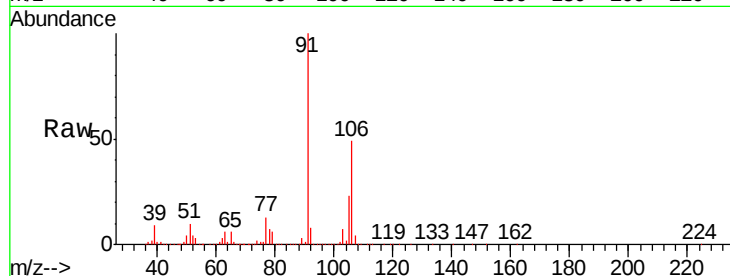
AOC2-01RDL

Tgt Ion:106 Resp: 235624

Ion Ratio Lower Upper

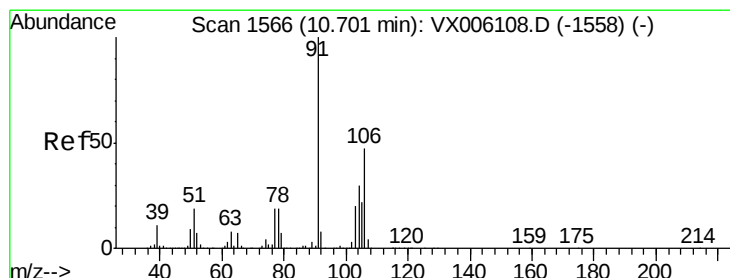
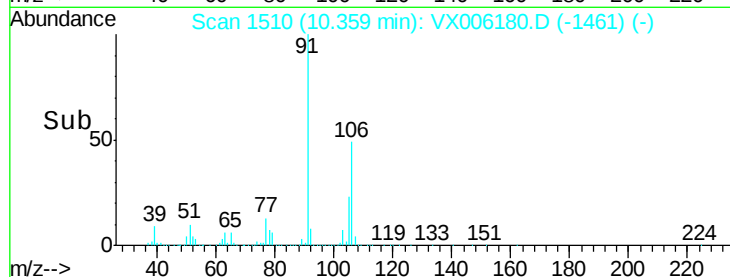
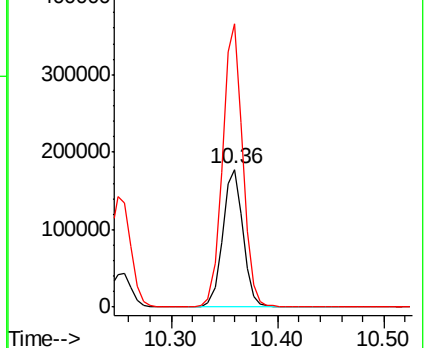
106 100

91 204.4 162.0 243.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 20.48 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VX006180.D

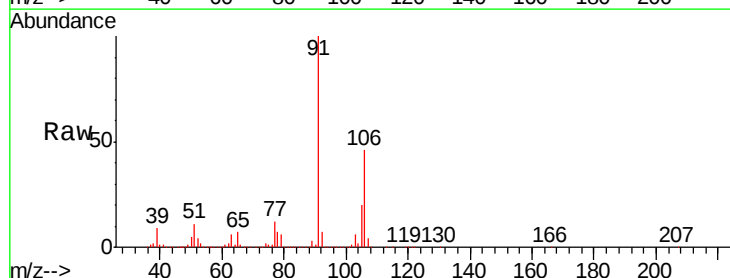
Acq: 26 Nov 2018 17:24

Tgt Ion:106 Resp: 114685

Ion Ratio Lower Upper

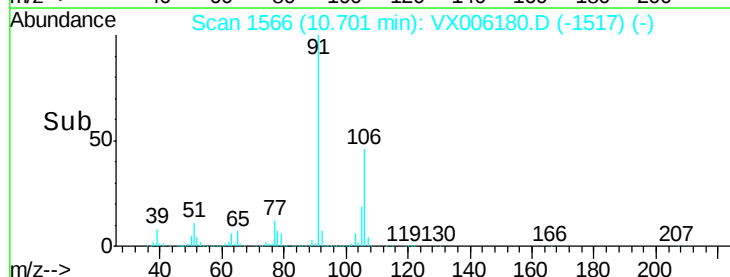
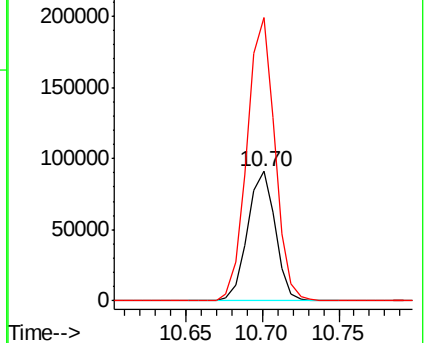
106 100

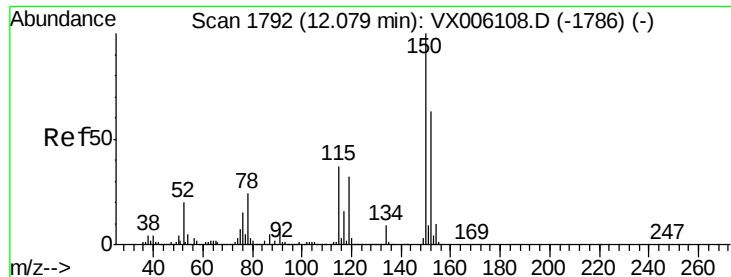
91 219.5 107.4 322.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006180.D

Acq: 26 Nov 2018 17:24

Instrument :

MSVOA_X

ClientSampleId :

AOC2-01RDL

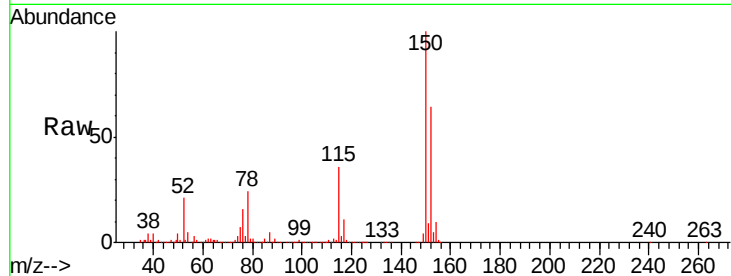
Tgt Ion:152 Resp: 227834

Ion Ratio Lower Upper

152 100

115 55.4 39.0 116.9

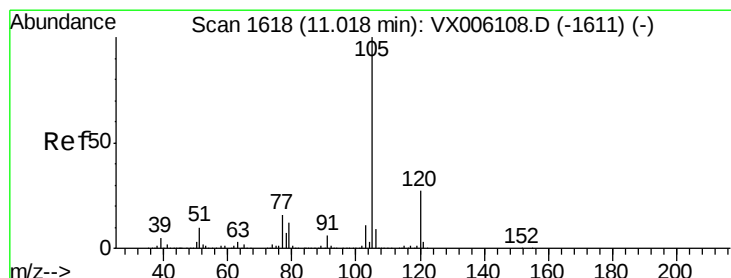
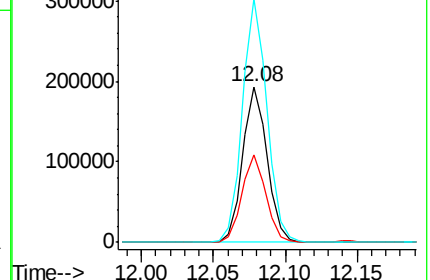
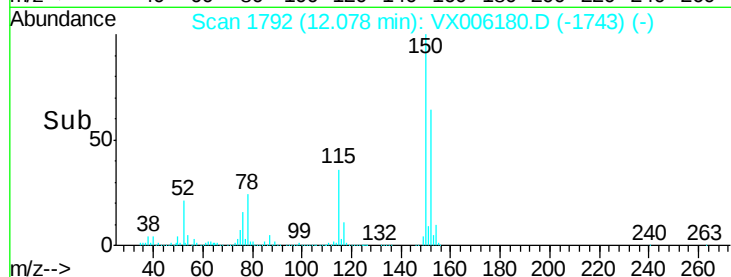
150 157.0 0.0 346.6



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



#73

Isopropylbenzene

Concen: 0.65 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006180.D

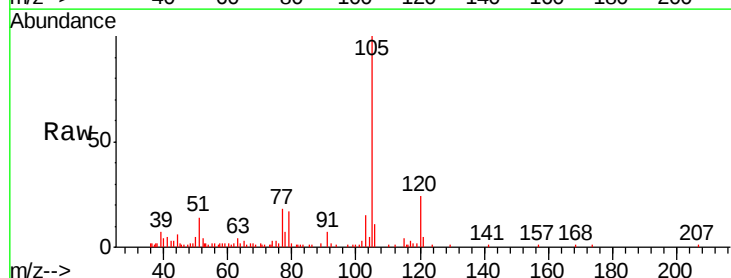
Acq: 26 Nov 2018 17:24

Tgt Ion:105 Resp: 9001

Ion Ratio Lower Upper

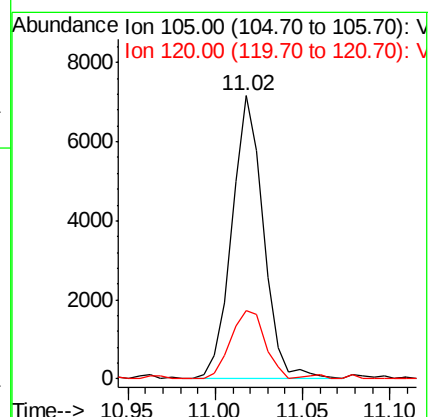
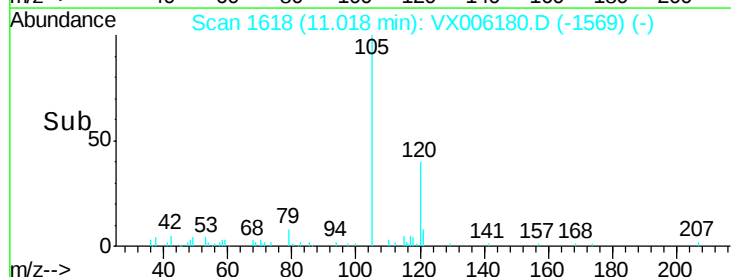
105 100

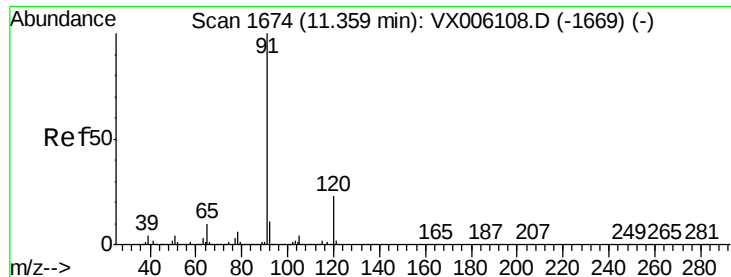
120 26.4 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 1.74 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006180.D

Acq: 26 Nov 2018 17:24

Instrument :

MSVOA_X

ClientSampled :

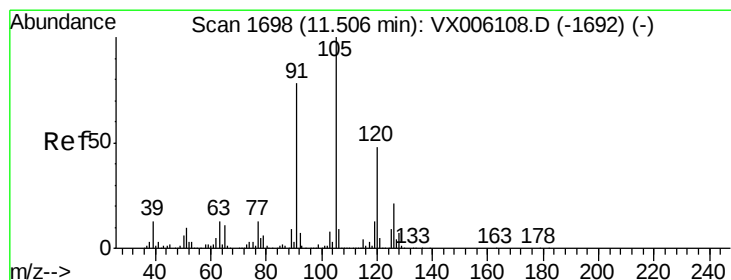
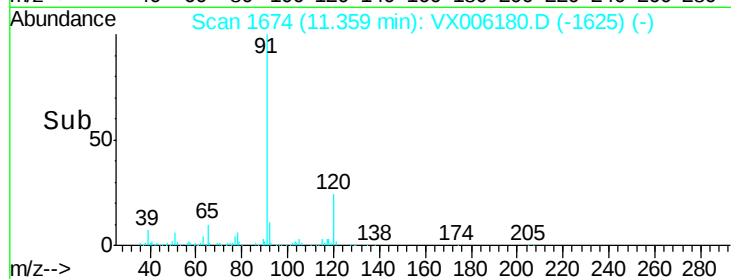
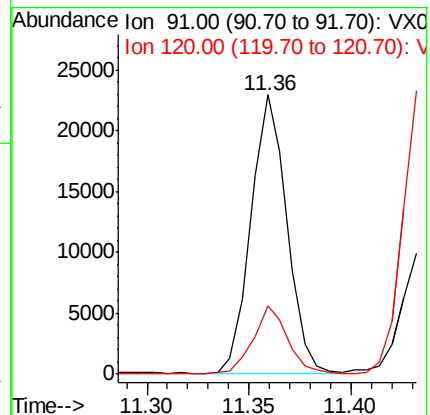
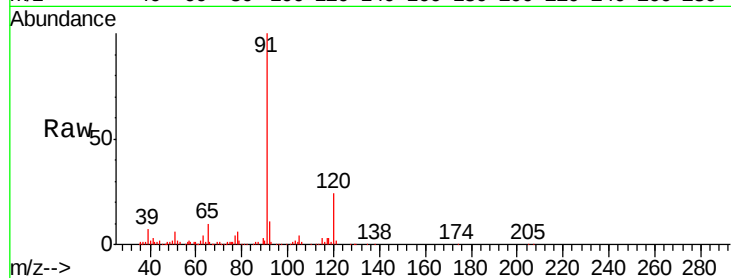
AOC2-01RDL

Tgt Ion: 91 Resp: 27965

Ion Ratio Lower Upper

91 100

120 23.7 11.8 35.3



#80

1,3,5-Trimethylbenzene

Concen: 3.61 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006180.D

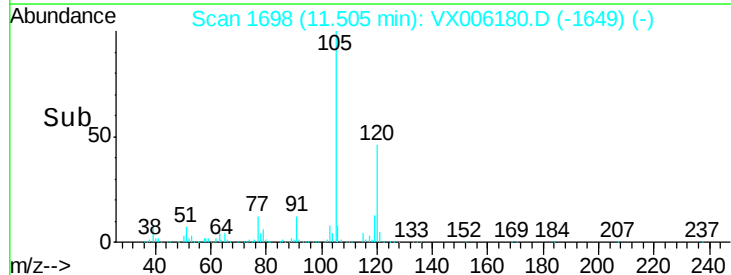
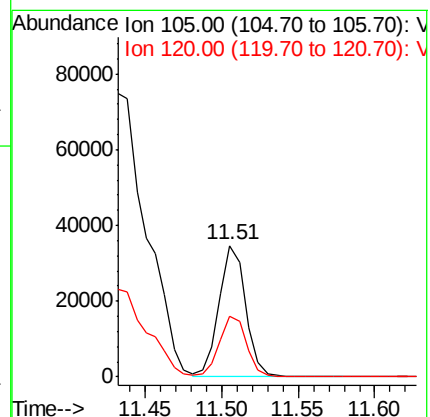
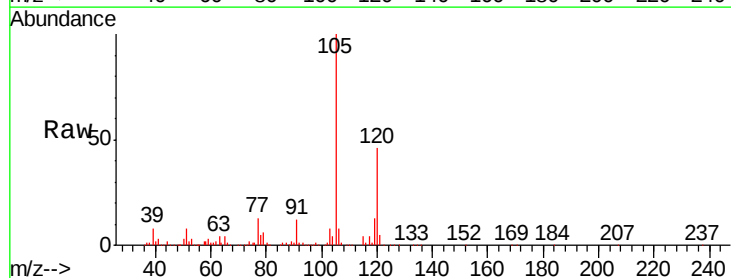
Acq: 26 Nov 2018 17:24

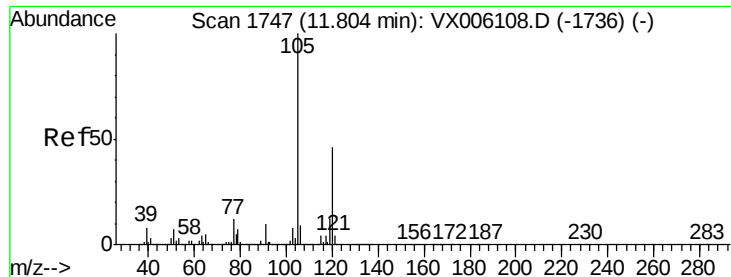
Tgt Ion: 105 Resp: 41973

Ion Ratio Lower Upper

105 100

120 47.1 24.3 73.0





#84

1,2,4-Trimethylbenzene

Concen: 12.36 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX006180.D

Acq: 26 Nov 2018 17:24

Instrument :

MSVOA_X

ClientSampleId :

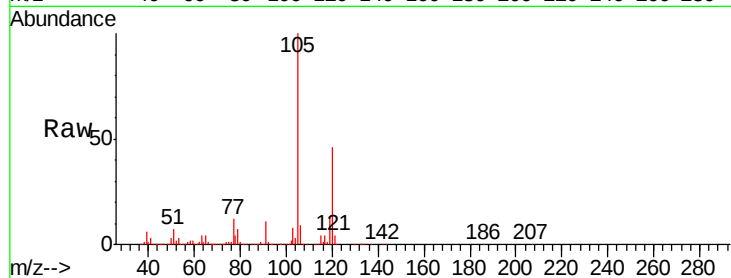
AOC2-01RDL

Tgt Ion:105 Resp: 146555

Ion Ratio Lower Upper

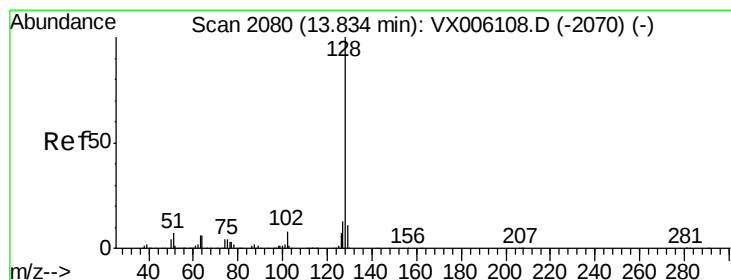
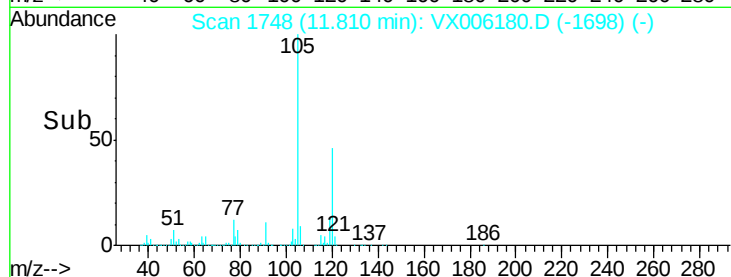
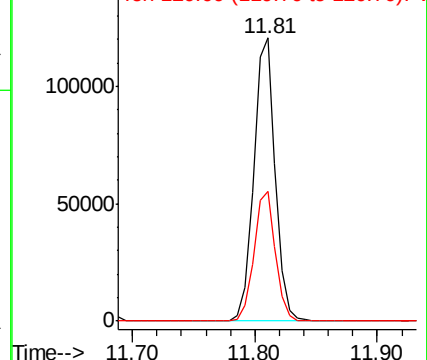
105 100

120 46.4 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 4.19 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006180.D

Acq: 26 Nov 2018 17:24

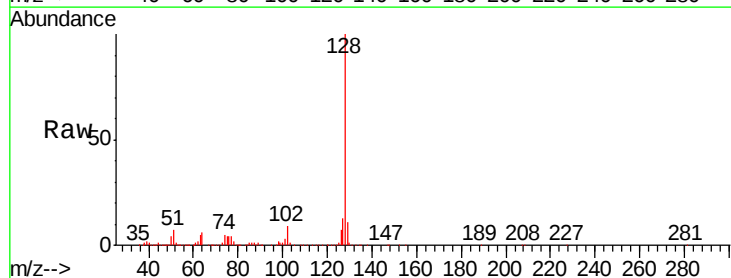
Tgt Ion:128 Resp: 63196

Ion Ratio Lower Upper

128 100

127 13.8 10.6 15.8

129 11.9 8.8 13.2



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

