

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
 Data File : VW007787.D
 Acq On : 21 Dec 2018 11:16
 Operator : SY/AP
 Sample : J6389-12
 Misc : 6.01G/5ML/MSVOA_W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS014-1824-01

Quant Time: Dec 21 12:28:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

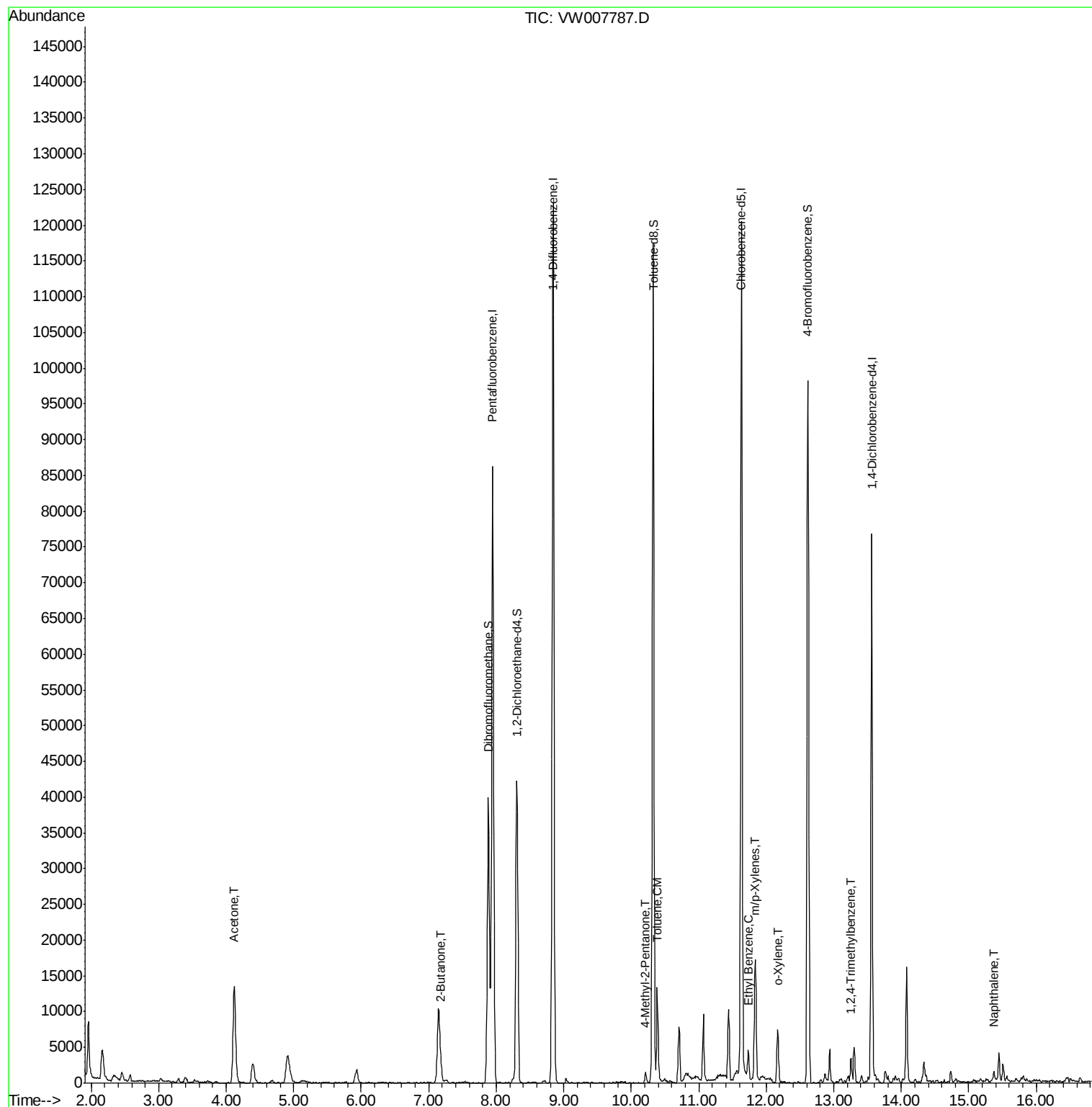
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	62538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	105643	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	68959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	20134	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	35070	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
35) Dibromofluoromethane	7.88	113	29018	45.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.06%	
50) Toluene-d8	10.32	98	80666	33.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.40%	
62) 4-Bromofluorobenzene	12.62	95	21747	23.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	46.34%	
Target Compounds						
16) Acetone	4.12	43	23749	185.024	ug/l	96
25) 2-Butanone	7.18	43	2558	17.014	ug/l #	77
51) 4-Methyl-2-Pentanone	10.21	43	984	2.953	ug/l	100
52) Toluene	10.39	92	6188	3.390	ug/l	96
67) Ethyl Benzene	11.73	91	2722	1.063	ug/l	98
68) m/p-Xylenes	11.84	106	5464	5.500	ug/l	99
69) o-Xylene	12.17	106	1971	2.116	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	2093	1.580	ug/l	97
95) Naphthalene	15.37	128	1842	2.315	ug/l #	90

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007787.D

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MSVOA_W

ClientSampleId :

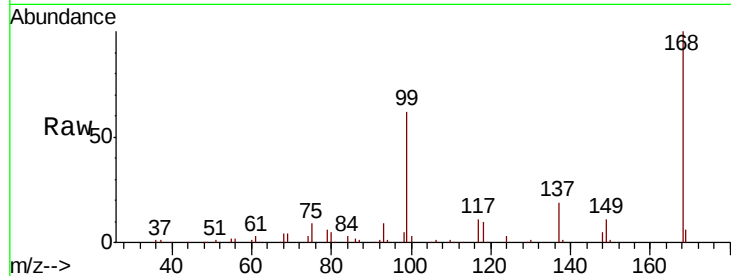
P001-SS014-1824-01

Tgt Ion: 168 Resp: 62538

Ion Ratio Lower Upper

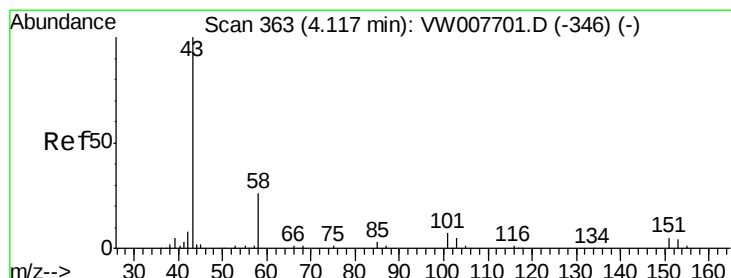
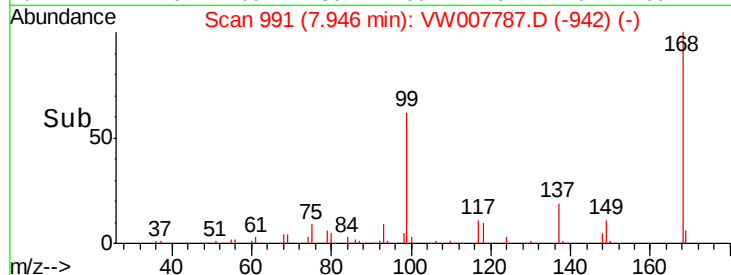
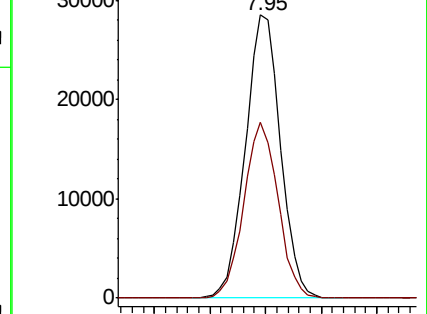
168 100

99 62.2 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 185.024 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007787.D

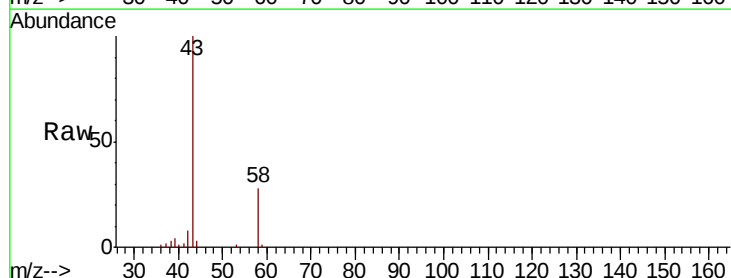
Acq: 21 Dec 2018 11:16

Tgt Ion: 43 Resp: 23749

Ion Ratio Lower Upper

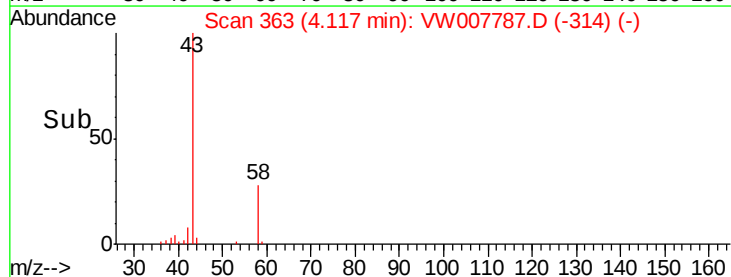
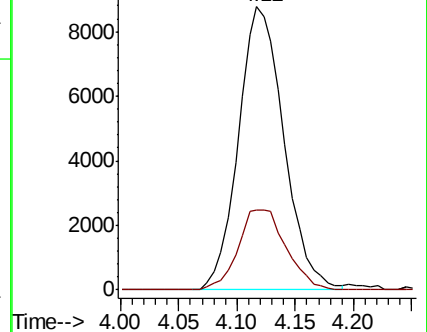
43 100

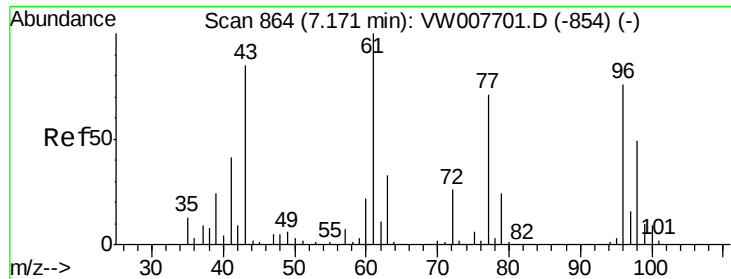
58 28.4 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

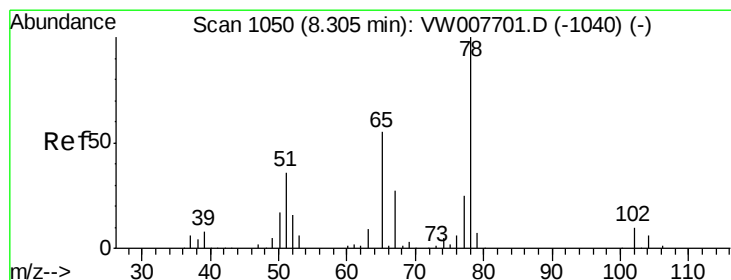
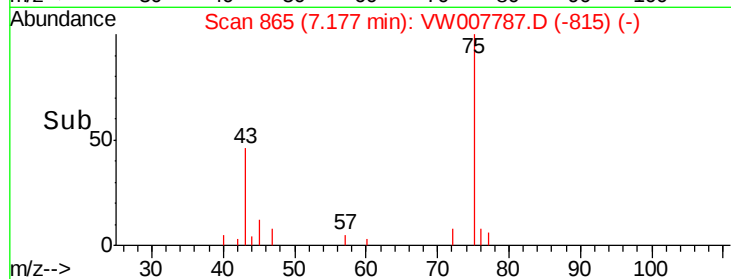
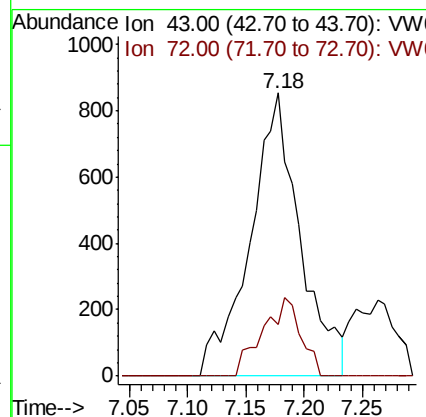
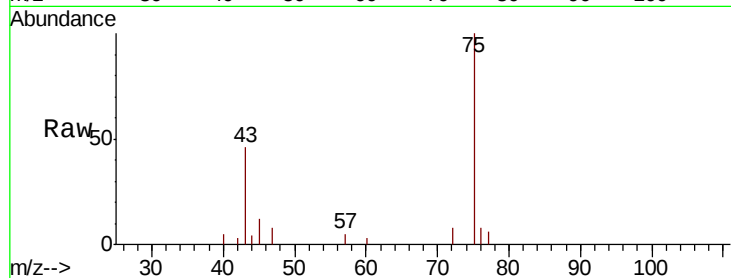




#25
 2-Butanone
 Concen: 17.014 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VW007787.D
 Acq: 21 Dec 2018 11:16

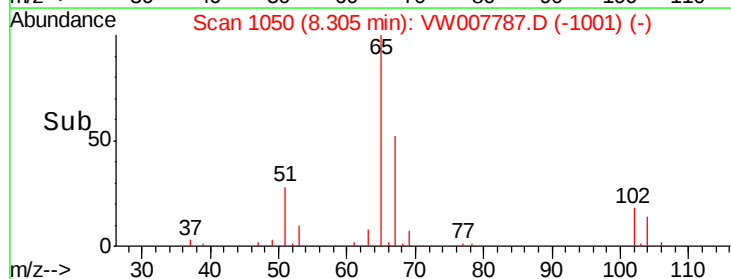
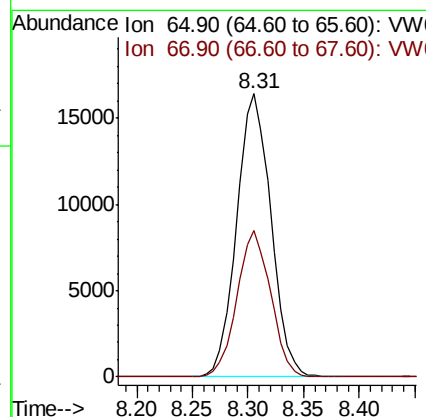
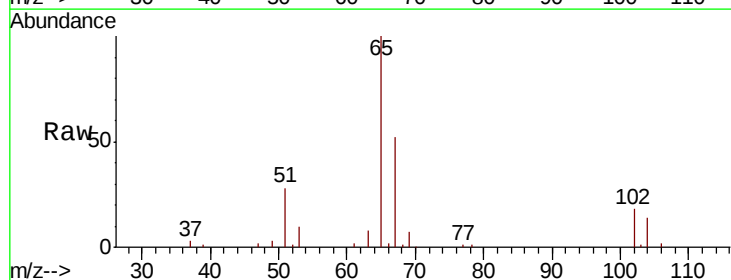
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS014-1824-01

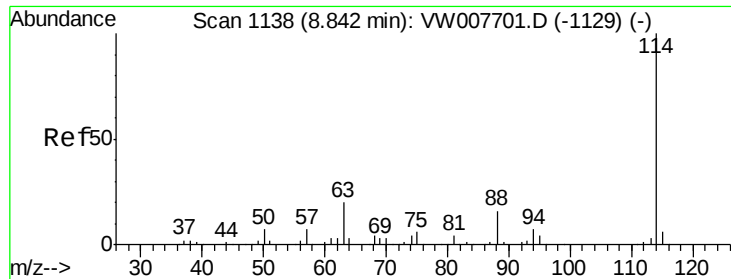
Tgt Ion: 43 Resp: 2558
 Ion Ratio Lower Upper
 43 100
 72 18.2 24.5 36.7#



#33
 1,2-Dichloroethane-d4
 Concen: 51.164 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007787.D
 Acq: 21 Dec 2018 11:16

Tgt Ion: 65 Resp: 35070
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 100.6

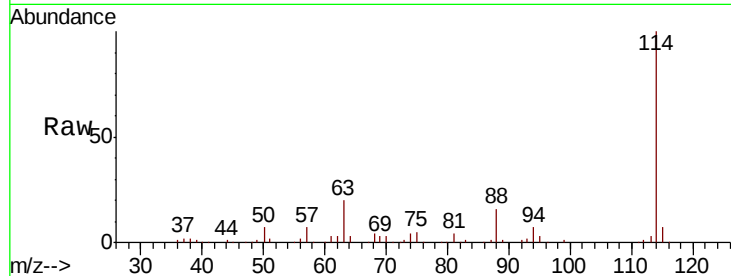




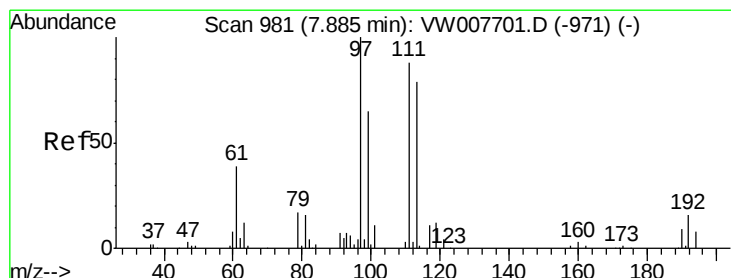
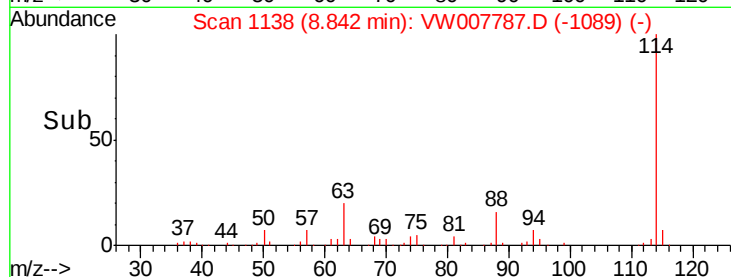
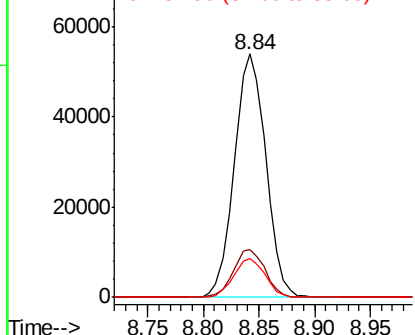
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007787.D
Acq: 21 Dec 2018 11:16

Instrument :
MSVOA_W
ClientSampleId :
P001-SS014-1824-01

Tgt Ion:114 Resp: 105643
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.0
88 16.1 0.0 32.6

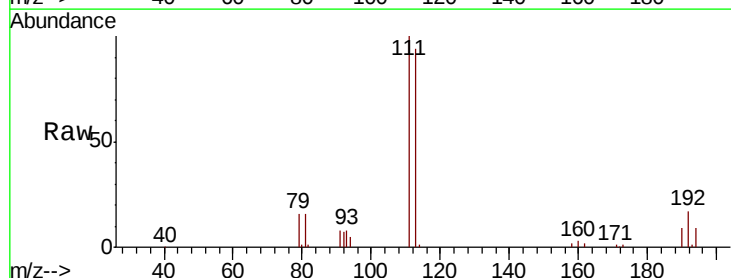


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

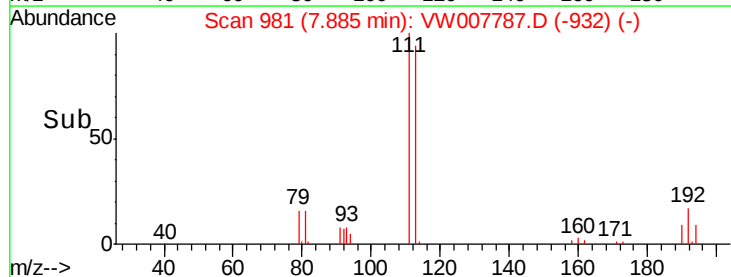
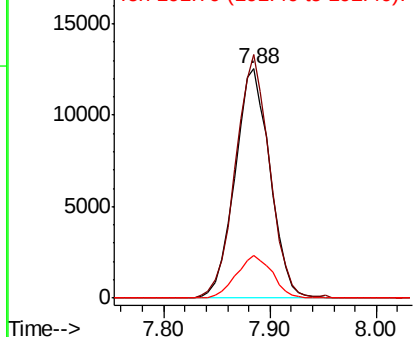


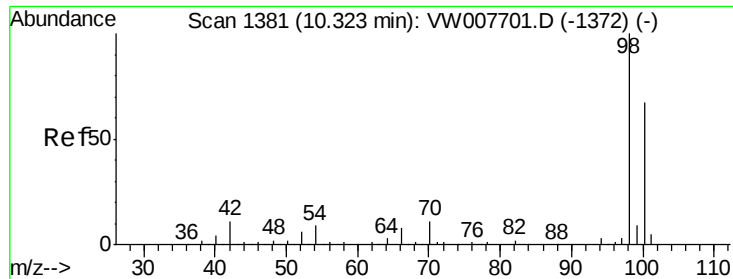
#35
Dibromofluoromethane
Concen: 45.026 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007787.D
Acq: 21 Dec 2018 11:16

Tgt Ion:113 Resp: 29018
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 18.7 15.5 23.3



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





#50

Toluene-d8

Concen: 33.202 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007787.D

Acq: 21 Dec 2018 11:16

Instrument :

MSVOA_W

ClientSampleId :

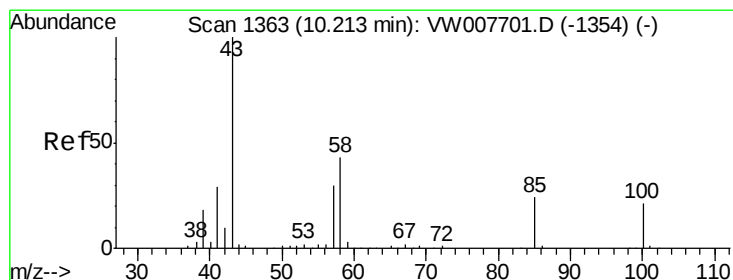
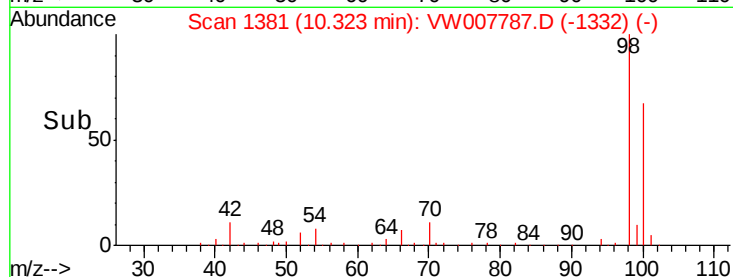
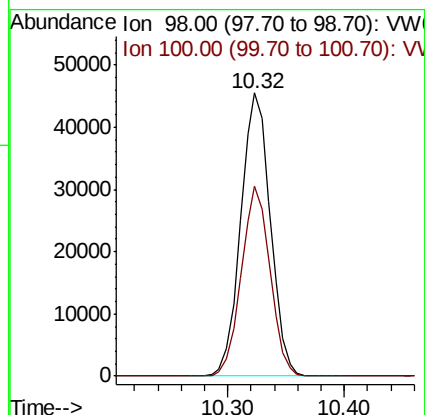
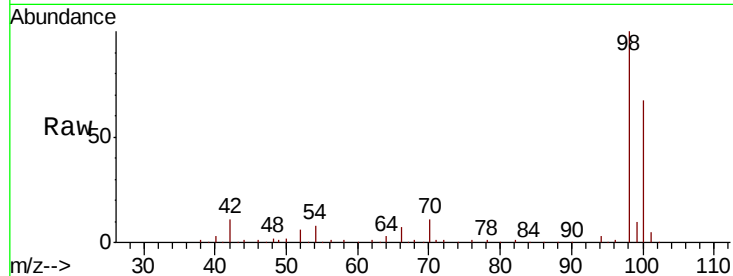
P001-SS014-1824-01

Tgt Ion: 98 Resp: 80666

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2



#51

4-Methyl-2-Pentanone

Concen: 2.953 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VW007787.D

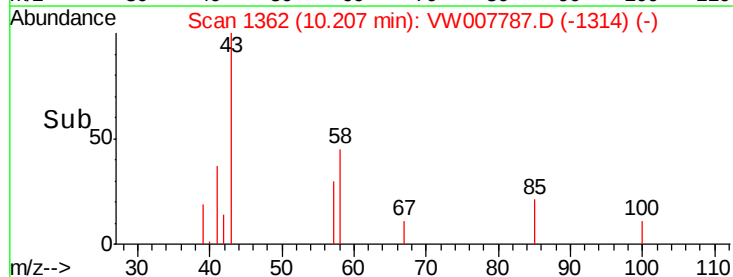
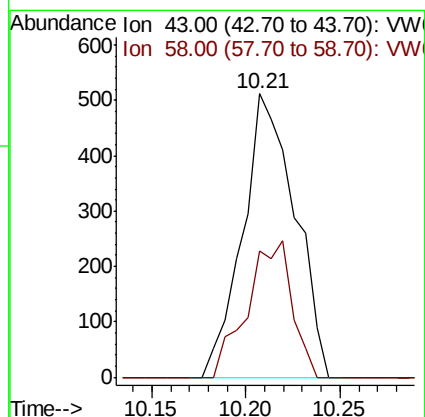
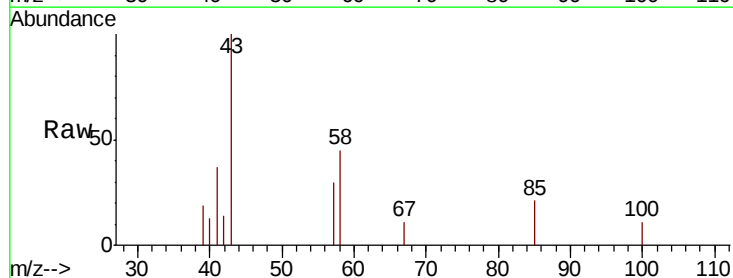
Acq: 21 Dec 2018 11:16

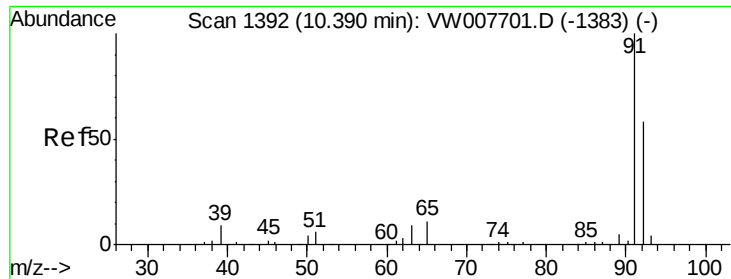
Tgt Ion: 43 Resp: 984

Ion Ratio Lower Upper

43 100

58 41.3 33.2 49.8





#52

Toluene

Concen: 3.390 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007787.D

Acq: 21 Dec 2018 11:16

Instrument :

MSVOA_W

ClientSampleId :

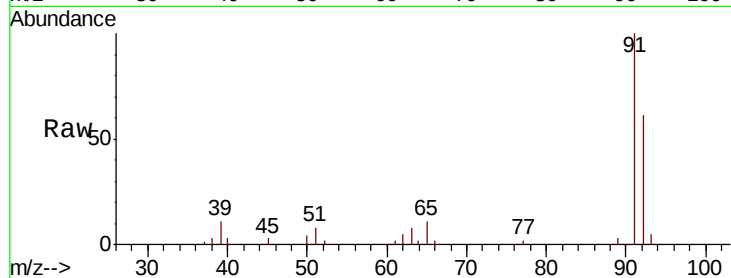
P001-SS014-1824-01

Tgt Ion: 92 Resp: 6188

Ion Ratio Lower Upper

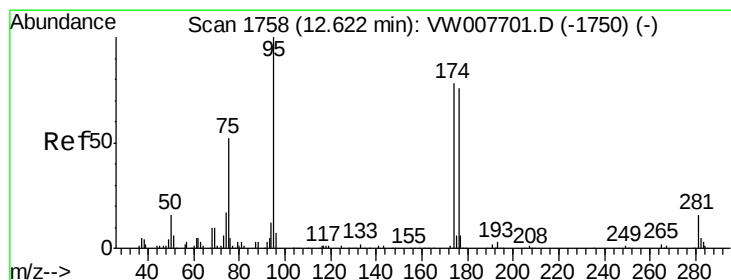
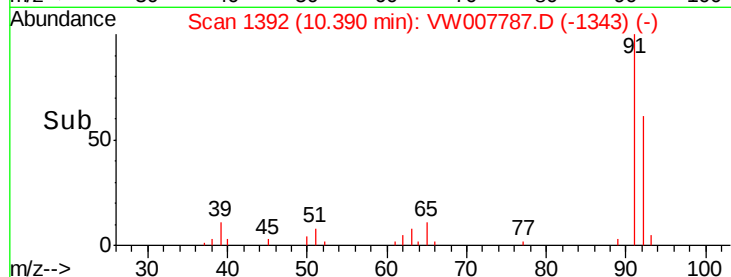
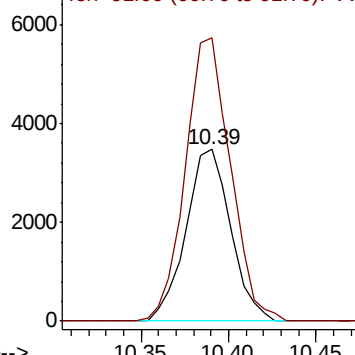
92 100

91 166.0 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 23.170 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007787.D

Acq: 21 Dec 2018 11:16

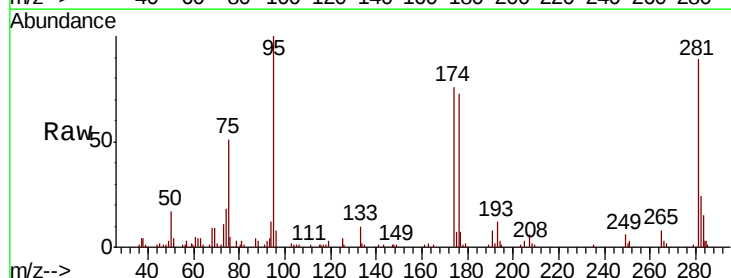
Tgt Ion: 95 Resp: 21747

Ion Ratio Lower Upper

95 100

174 72.8 0.0 152.2

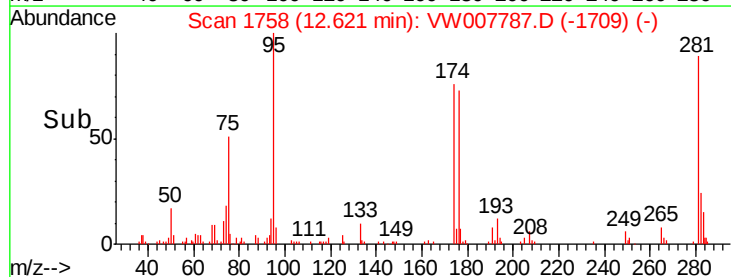
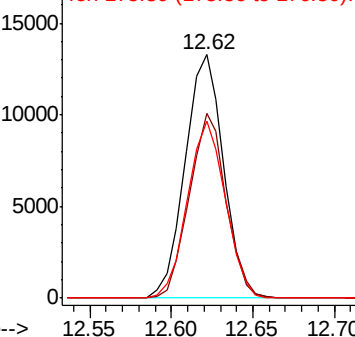
176 71.9 0.0 146.8

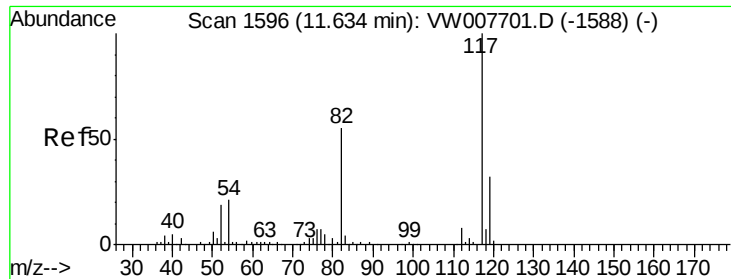


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

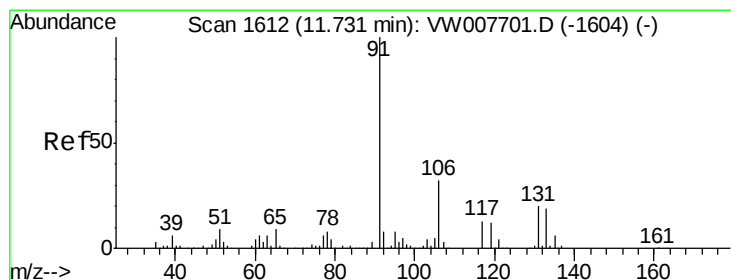
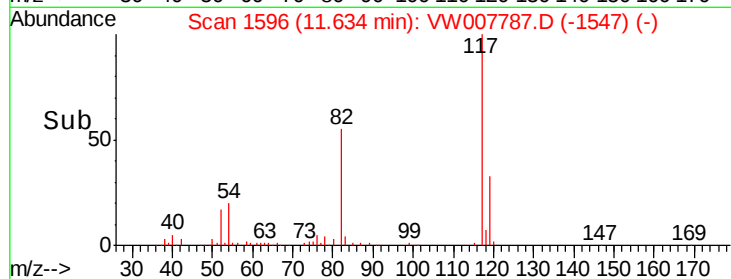
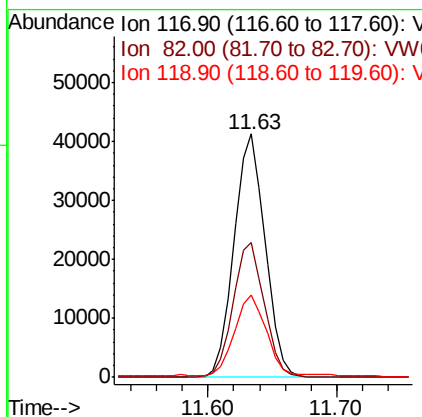
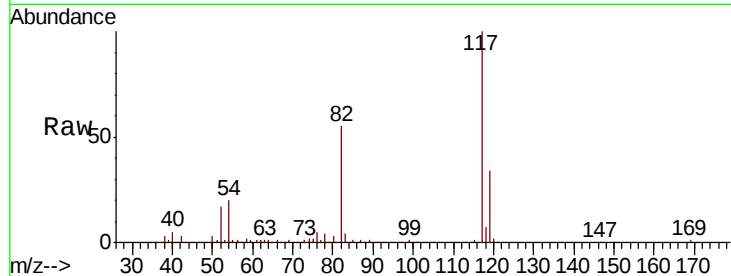




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007787.D
Acq: 21 Dec 2018 11:16

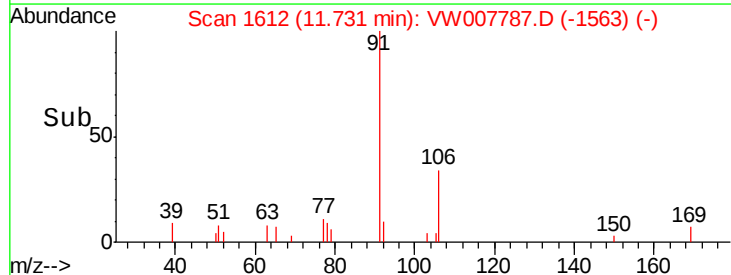
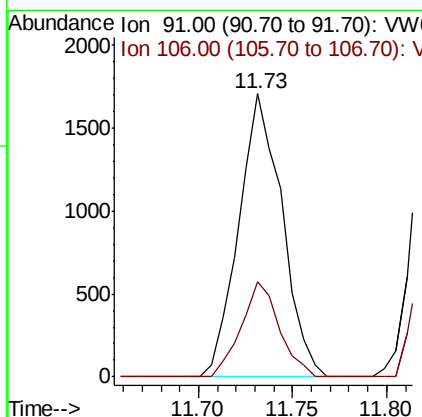
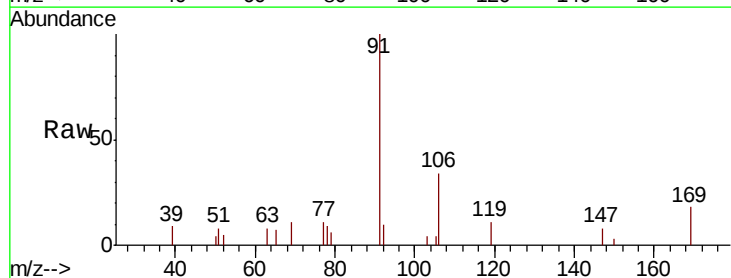
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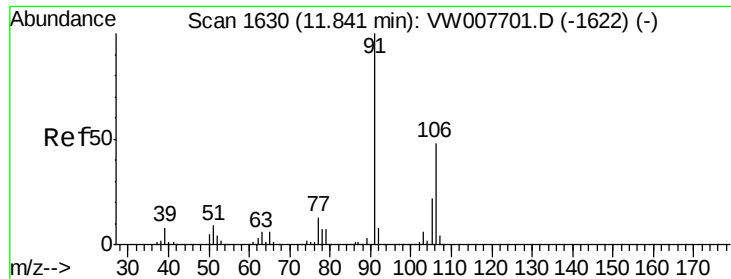
Tgt Ion: 117 Resp: 68959
Ion Ratio Lower Upper
117 100
82 55.2 44.3 66.5
119 33.2 25.7 38.5



#67
Ethyl Benzene
Concen: 1.063 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007787.D
Acq: 21 Dec 2018 11:16

Tgt Ion: 91 Resp: 2722
Ion Ratio Lower Upper
91 100
106 33.7 25.8 38.8

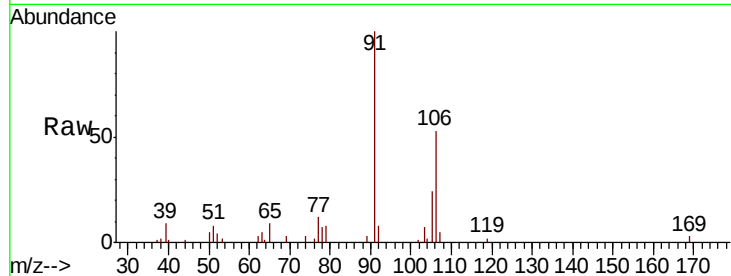




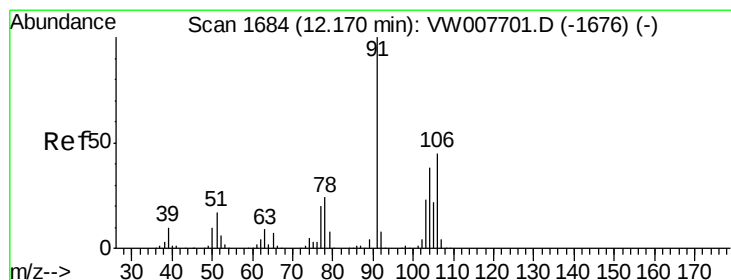
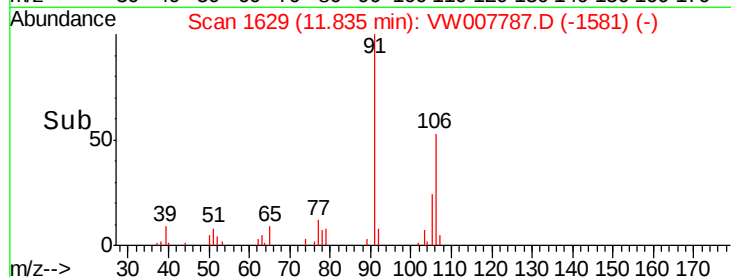
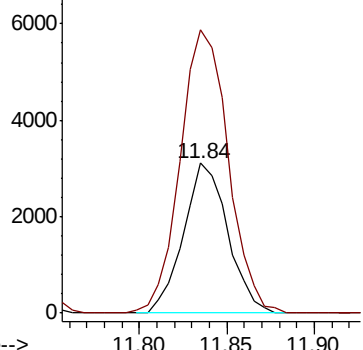
#68
m/p-Xylenes
Concen: 5.500 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007787.D
Acq: 21 Dec 2018 11:16

Instrument :
MSVOA_W
ClientSampleId :
P001-SS014-1824-01

Tgt Ion:106 Resp: 5464
Ion Ratio Lower Upper
106 100
91 205.3 165.2 247.8

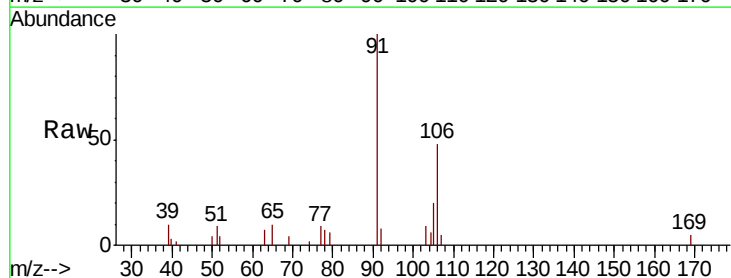


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

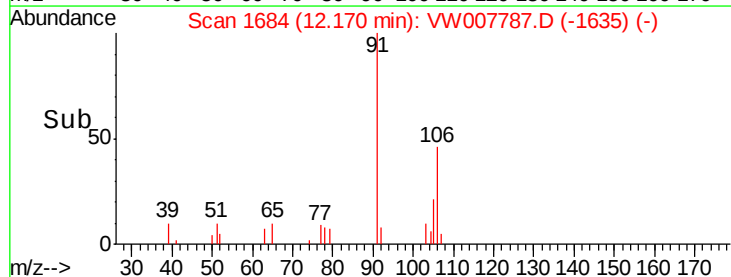
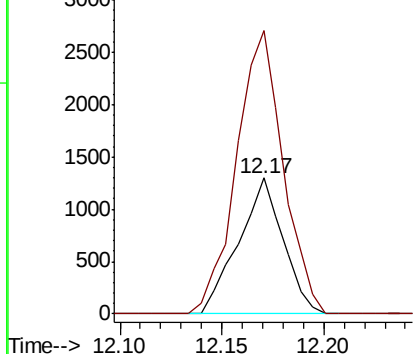


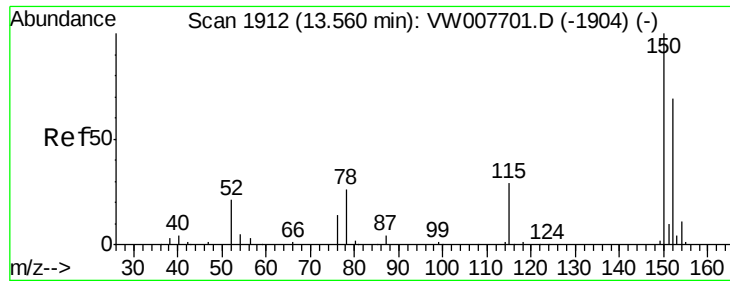
#69
o-Xylene
Concen: 2.116 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007787.D
Acq: 21 Dec 2018 11:16

Tgt Ion:106 Resp: 1971
Ion Ratio Lower Upper
106 100
91 217.6 110.5 331.4



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007787.D

Acq: 21 Dec 2018 11:16

Instrument :

MSVOA_W

ClientSampleId :

P001-SS014-1824-01

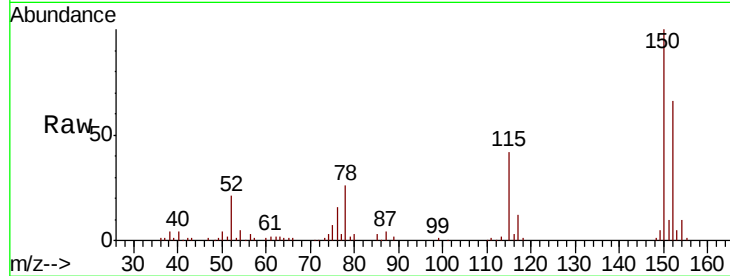
Tgt Ion:152 Resp: 20134

Ion Ratio Lower Upper

152 100

115 62.2 31.8 95.4

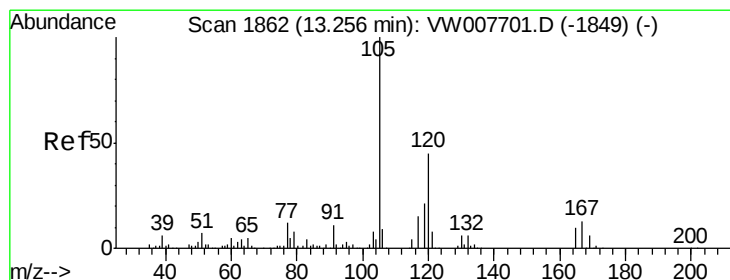
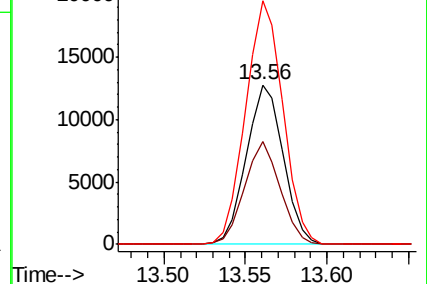
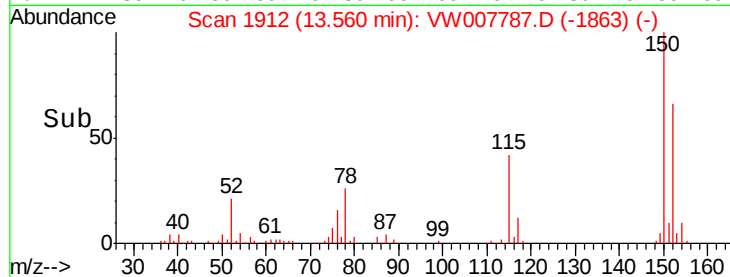
150 154.5 0.0 350.8



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



#84

1,2,4-Trimethylbenzene

Concen: 1.580 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW007787.D

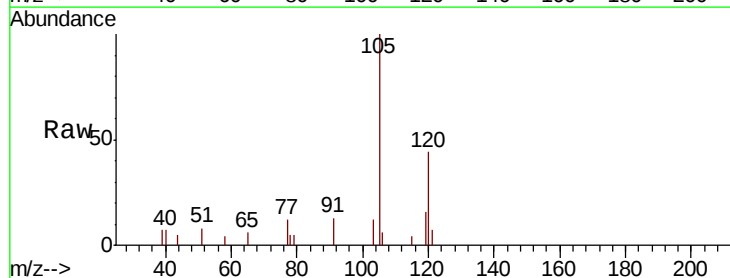
Acq: 21 Dec 2018 11:16

Tgt Ion:105 Resp: 2093

Ion Ratio Lower Upper

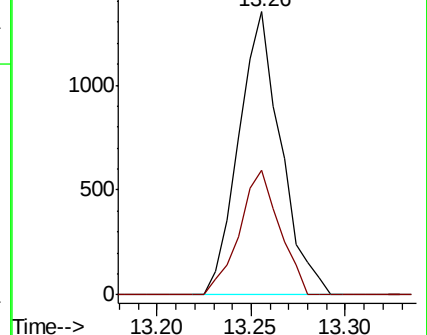
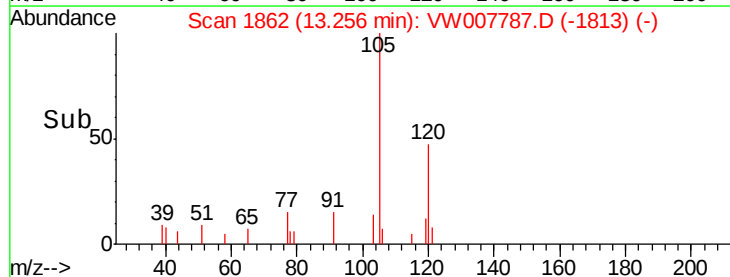
105 100

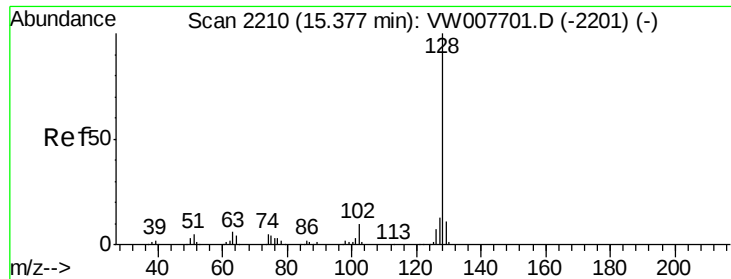
120 42.1 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 2.315 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW007787.D

Acq: 21 Dec 2018 11:16

Instrument :

MSVOA_W

ClientSampleId :

P001-SS014-1824-01

Tgt Ion:128 Resp: 1842

Ion Ratio Lower Upper

128 100

127 14.5 10.7 16.1

129 4.1 8.8 13.2#

