

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120618\
 Data File : VW007296.D
 Acq On : 06 Dec 2018 22:58
 Operator : SY/AP
 Sample : J6195-01
 Misc : 6.97G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-01-120518-A

Quant Time: Dec 07 02:22:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

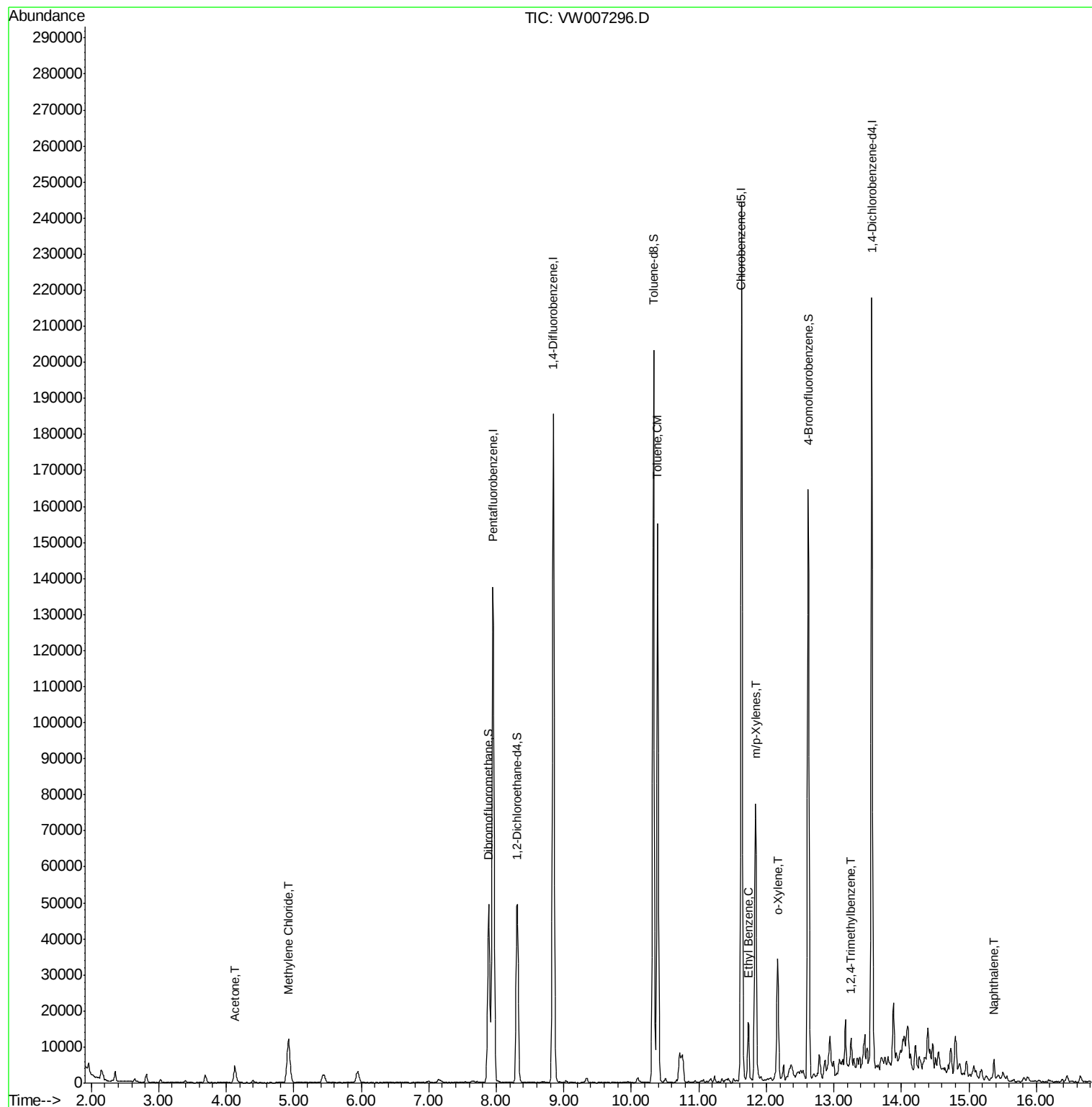
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	104128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	164592	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	138073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	57960	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	40568	41.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.70%	
35) Dibromofluoromethane	7.89	113	36966	39.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.44%	
50) Toluene-d8	10.33	98	139728	33.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.32%	
62) 4-Bromofluorobenzene	12.62	95	52543	33.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.06%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	7651	33.337	ug/l	99
20) Methylene Chloride	4.93	84	9888	3.729	ug/l	91
52) Toluene	10.39	92	66758	21.853	ug/l	98
67) Ethyl Benzene	11.73	91	11594	2.063	ug/l	97
68) m/p-Xylenes	11.84	106	22790	10.336	ug/l	92
69) o-Xylene	12.17	106	8717	4.232	ug/l	89
84) 1,2,4-Trimethylbenzene	13.26	105	5113	1.242	ug/l	98
95) Naphthalene	15.38	128	5047	2.247	ug/l	98

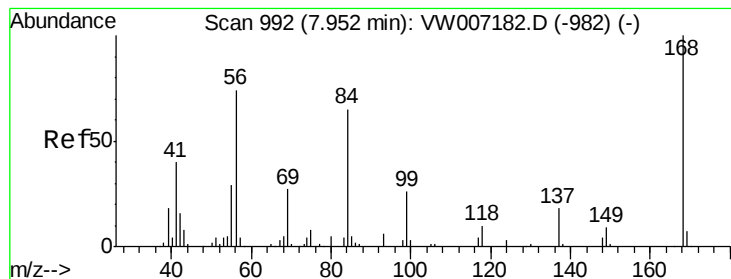
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120618\
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Acq On : 06 Dec 2018 22:58
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OR-01-120518-A

Quant Time: Dec 07 02:22:05 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 05 01:35:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007296.D

Acq: 06 Dec 2018 22:58

Instrument :

MSVOA_W

ClientSampleId :

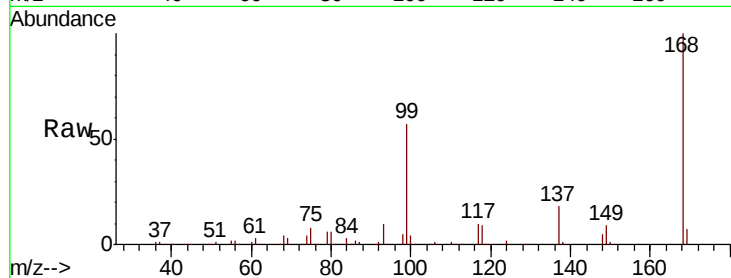
OR-01-120518-A

Tot Ion:168 Resp: 104128

Ion Ratio Lower Upper

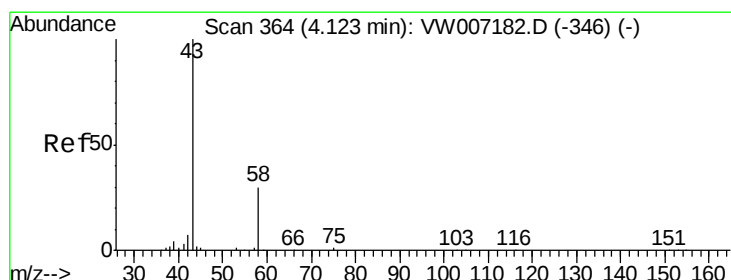
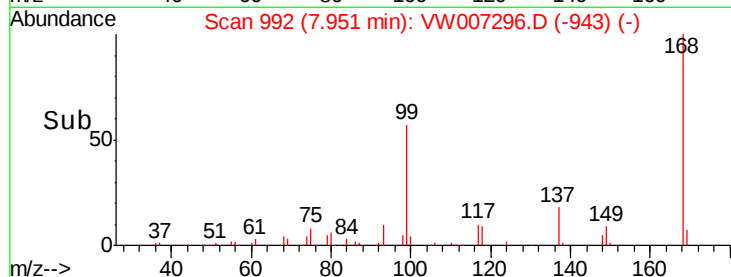
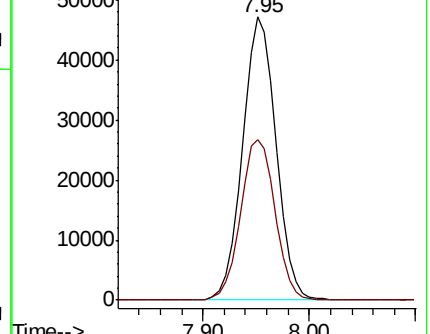
168 100

99 56.9 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 33.337 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007296.D

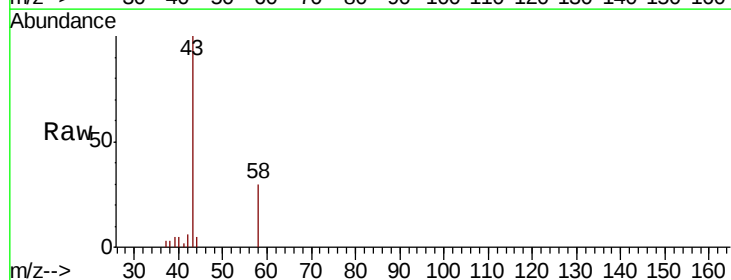
Acq: 06 Dec 2018 22:58

Tgt Ion: 43 Resp: 7651

Ion Ratio Lower Upper

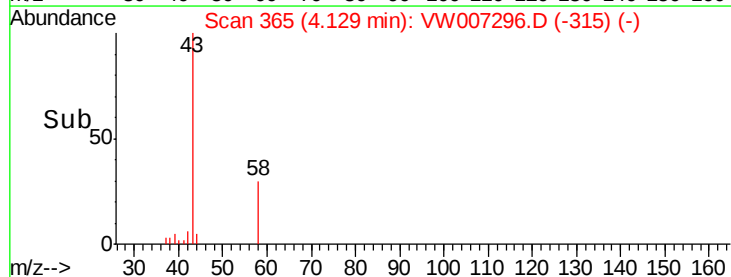
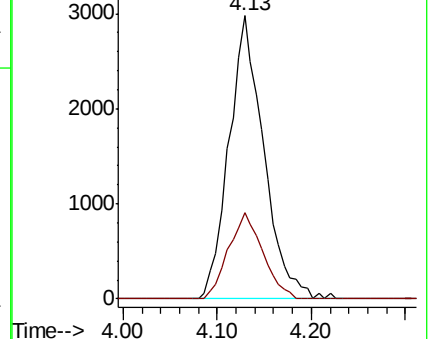
43 100

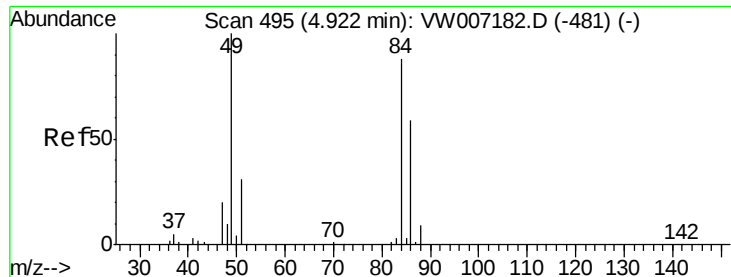
58 30.4 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

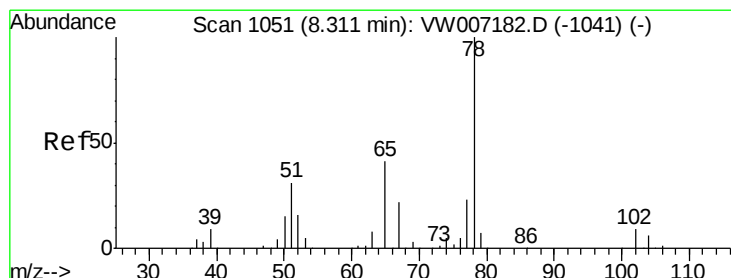
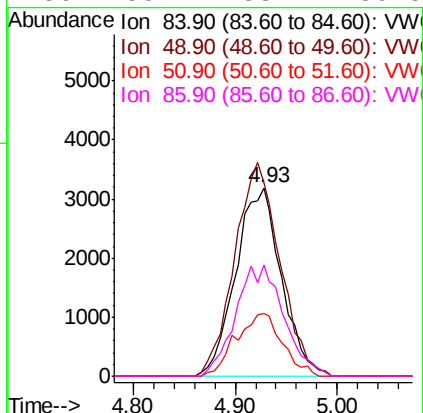
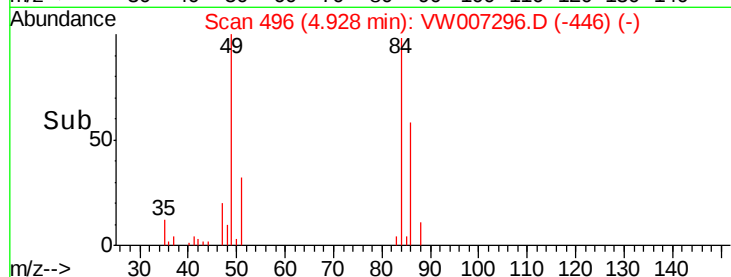
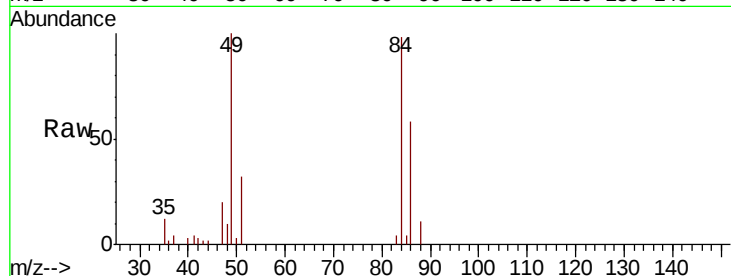




#20
Methvlene Chloride
Concen: 3.729 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW007296.D
Acq: 06 Dec 2018 22:58

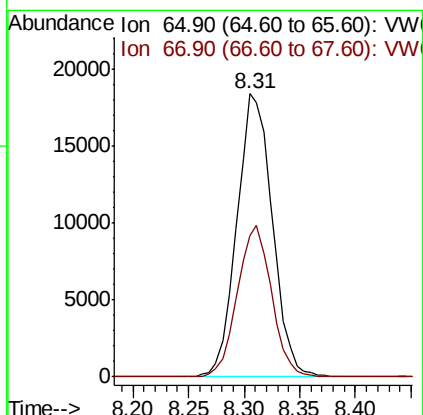
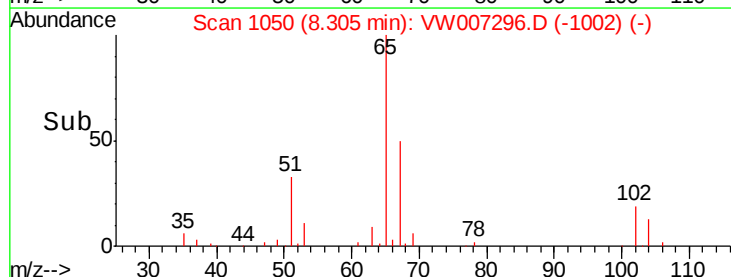
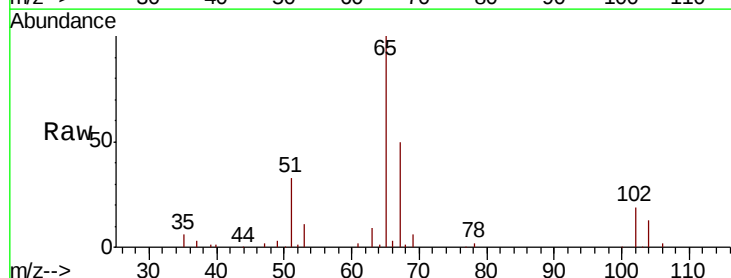
Instrument :
MSVOA_W
ClientSampleId :
OR-01-120518-A

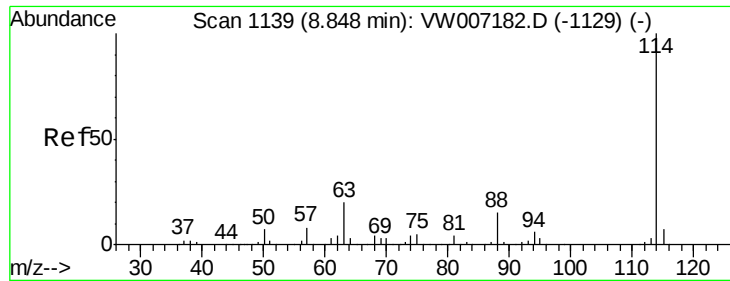
Tot Ion: 84 Resp: 9888
Ion Ratio Lower Upper
84 100
49 102.4 90.6 135.8
51 33.2 27.6 41.4
86 59.1 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 41.845 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW007296.D
Acq: 06 Dec 2018 22:58

Tgt Ion: 65 Resp: 40568
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.4

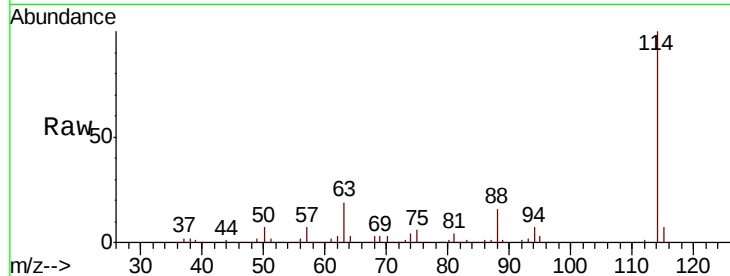




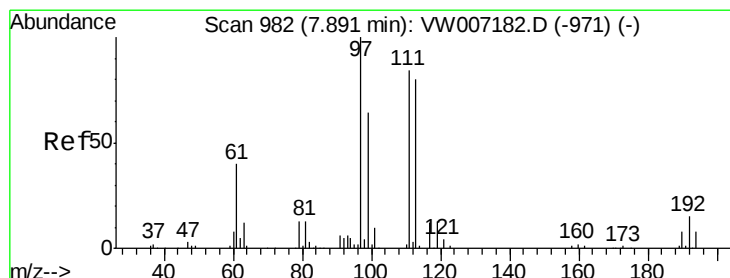
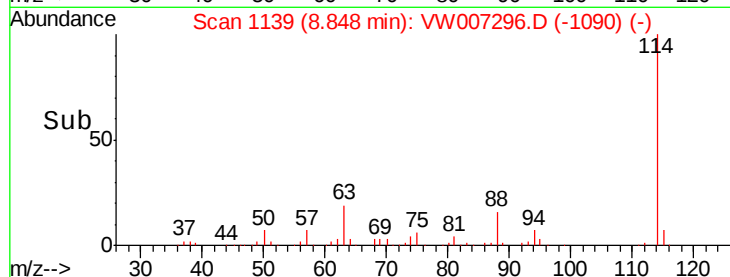
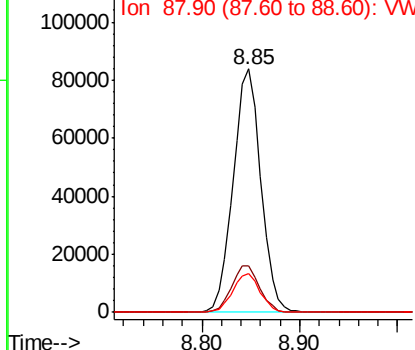
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VW007296.D
Acq: 06 Dec 2018 22:58

Instrument :
MSVOA_W
ClientSampleId :
OR-01-120518-A

Tot Ion:114 Resp: 164592
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.2
88 16.1 0.0 30.0

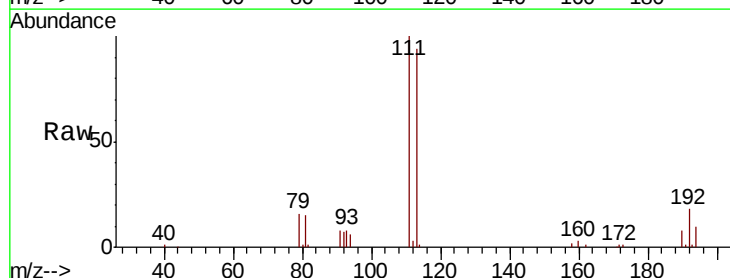


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

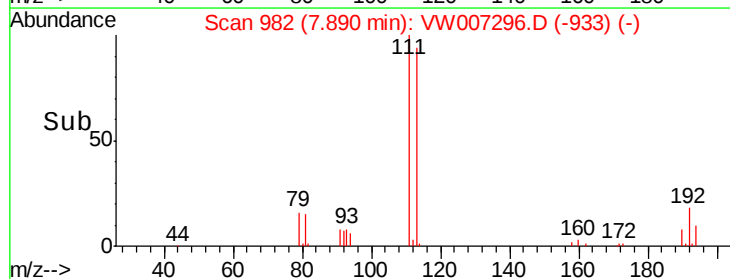
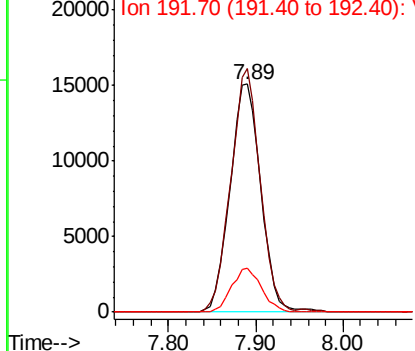


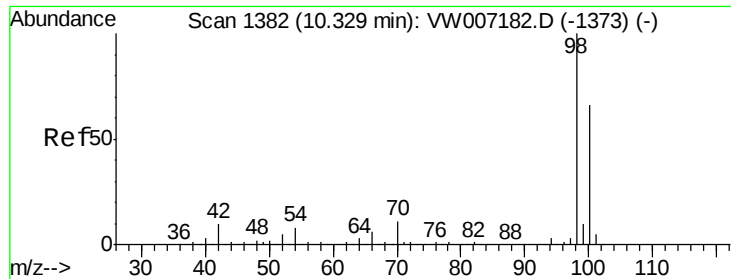
#35
Dibromofluoromethane
Concen: 39.223 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW007296.D
Acq: 06 Dec 2018 22:58

Tgt Ion:113 Resp: 36966
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 18.6 14.4 21.6



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: 33.657 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007296.D

Acq: 06 Dec 2018 22:58

Instrument :

MSVOA_W

ClientSampleId :

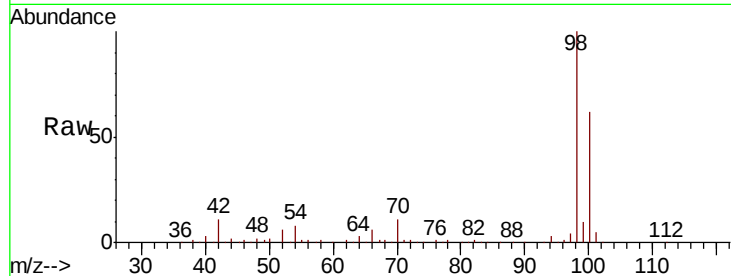
OR-01-120518-A

Tot Ion: 98 Resp: 139728

Ion Ratio Lower Upper

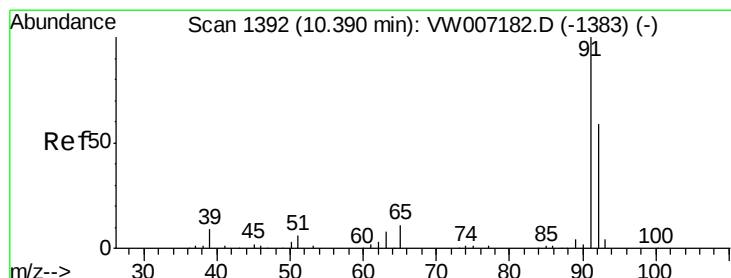
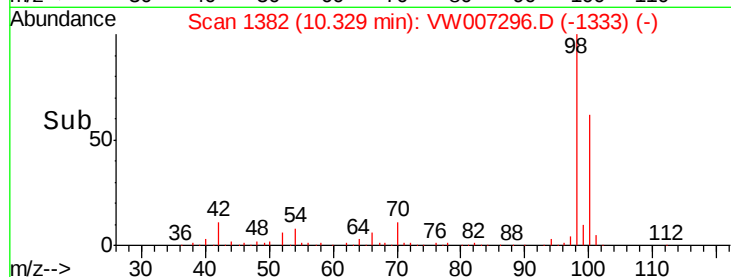
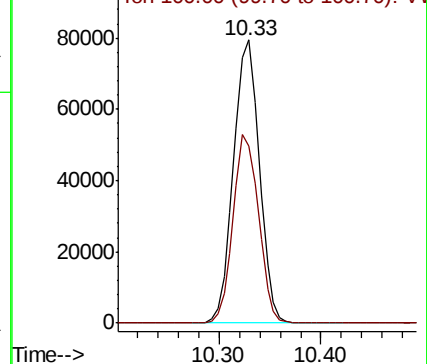
98 100

100 65.5 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 21.853 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007296.D

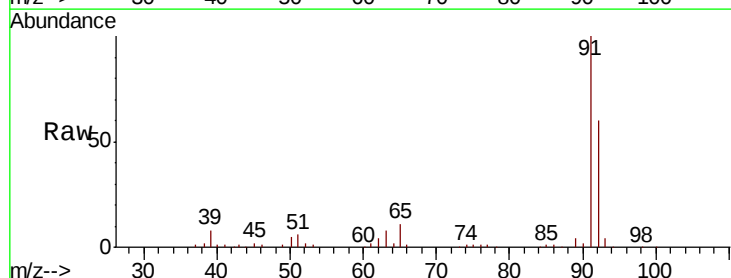
Acq: 06 Dec 2018 22:58

Tgt Ion: 92 Resp: 66758

Ion Ratio Lower Upper

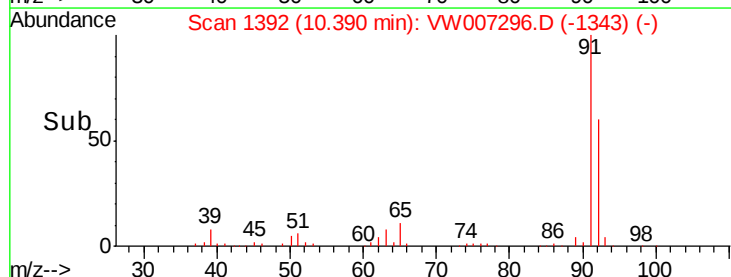
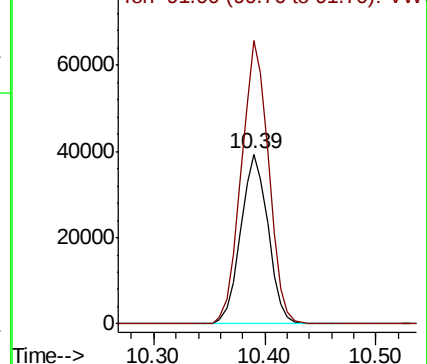
92 100

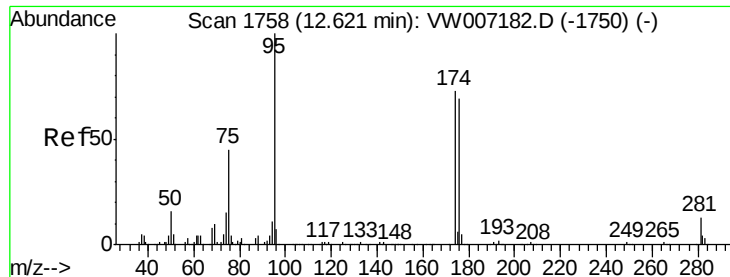
91 167.5 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

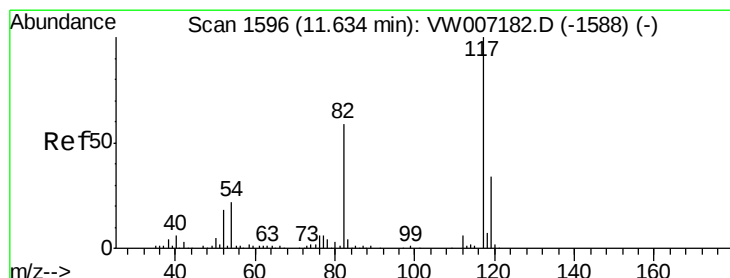
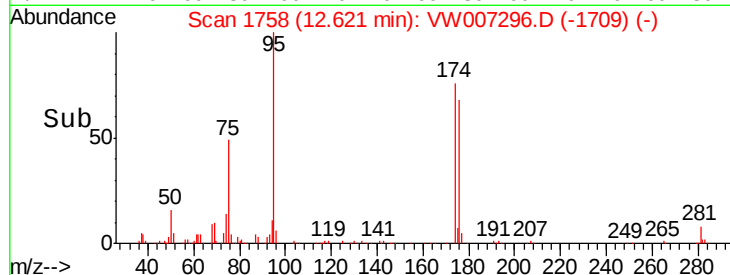
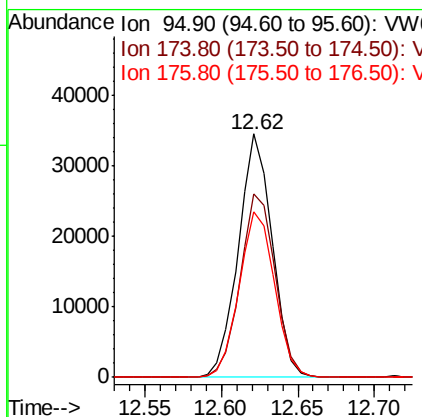
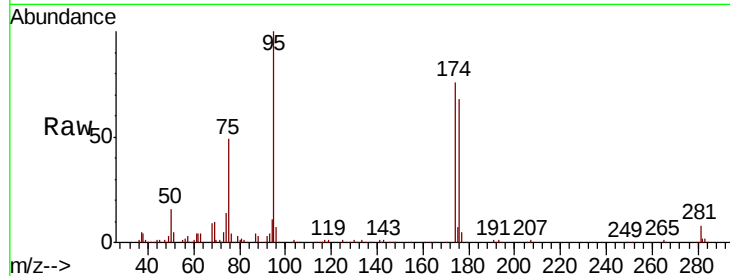




#62
4-Bromofluorobenzene
Concen: 33.532 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007296.D
Acq: 06 Dec 2018 22:58

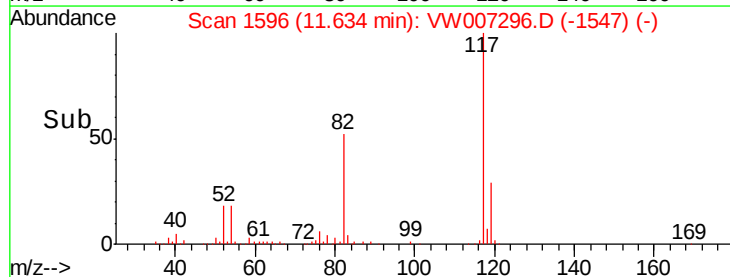
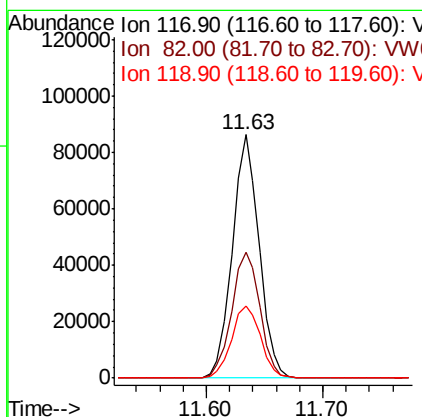
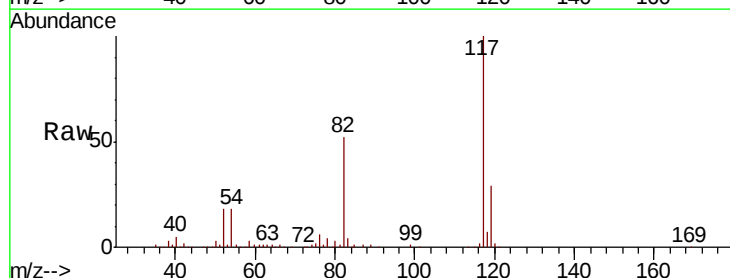
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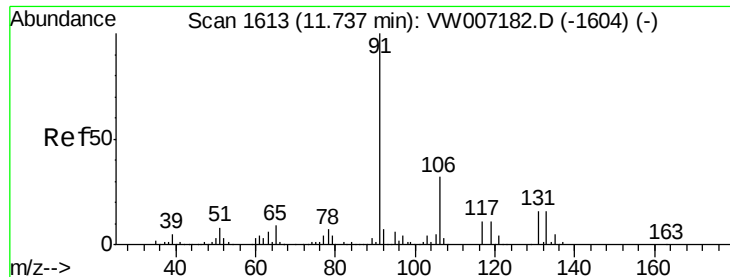
Tot Ion: 95 Resp: 52543
Ion Ratio Lower Upper
95 100
174 78.6 0.0 148.0
176 71.7 0.0 139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007296.D
Acq: 06 Dec 2018 22:58

Tgt Ion: 117 Resp: 138073
Ion Ratio Lower Upper
117 100
82 51.8 47.4 71.2
119 29.3 26.8 40.2

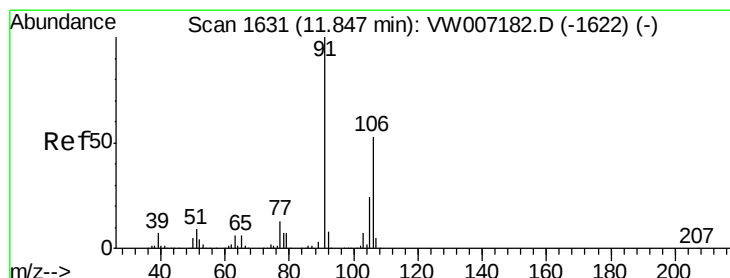
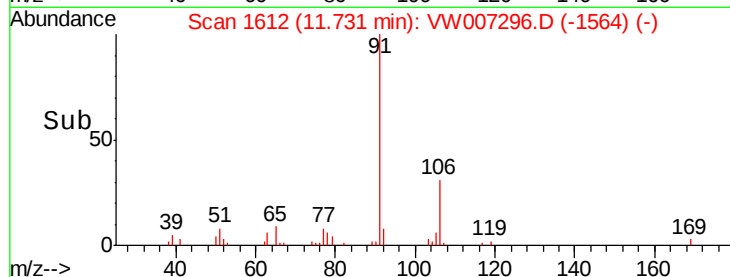
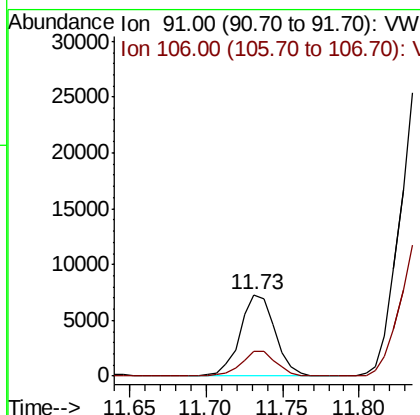
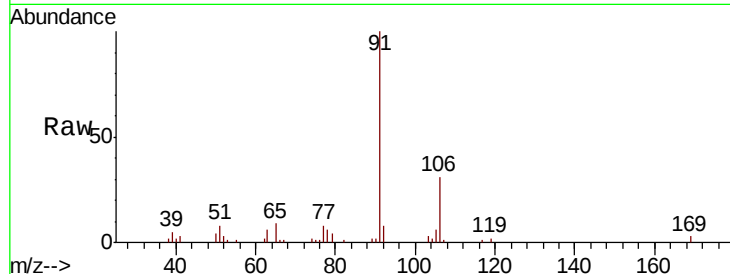




#67
Ethyl Benzene
Concen: 2.063 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW007296.D
Acq: 06 Dec 2018 22:58

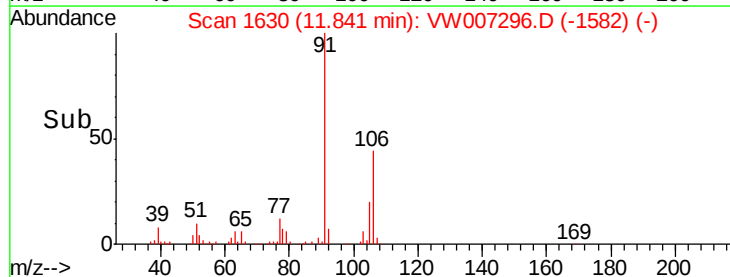
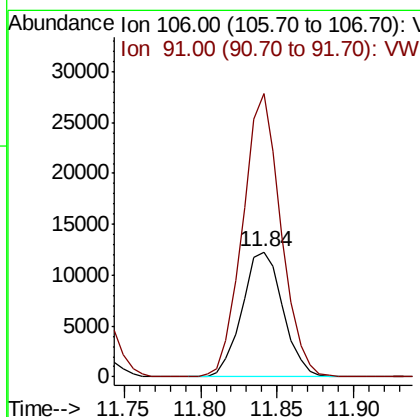
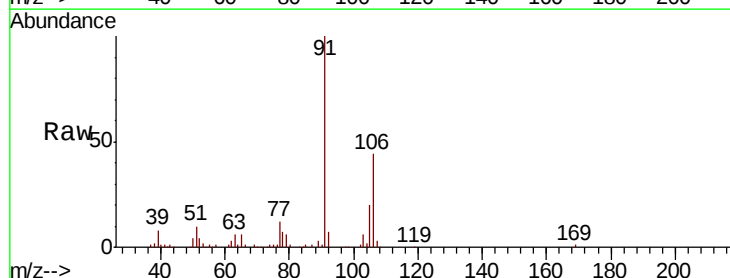
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ClientSampleId :
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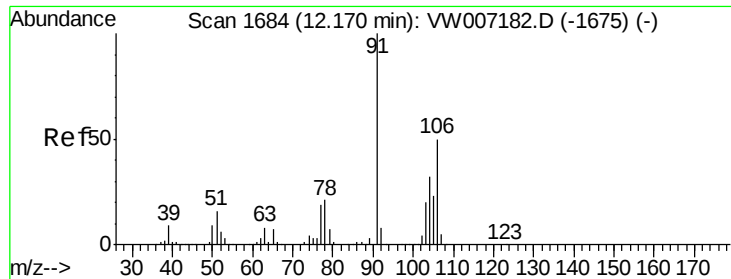
Tot Ion: 91 Resp: 11594
Ion Ratio Lower Upper
91 100
106 30.7 26.0 39.0



#68
m/p-Xylenes
Concen: 10.336 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW007296.D
Acq: 06 Dec 2018 22:58

Tgt Ion: 106 Resp: 22790
Ion Ratio Lower Upper
106 100
91 212.7 160.2 240.4

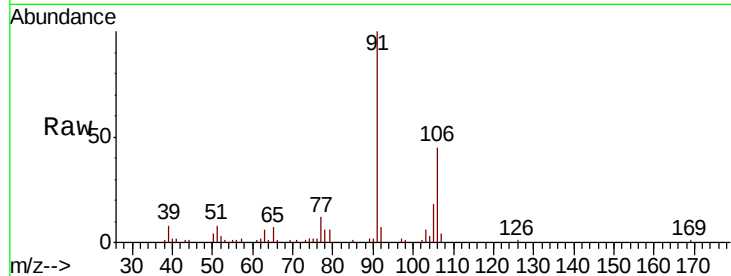




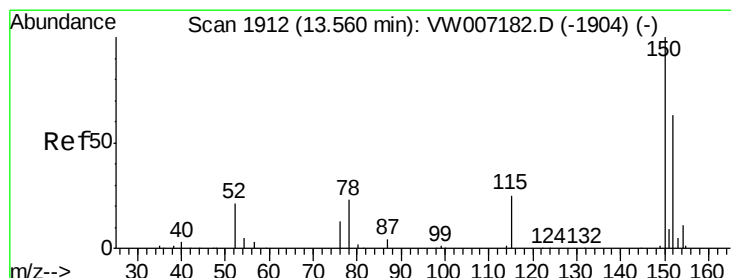
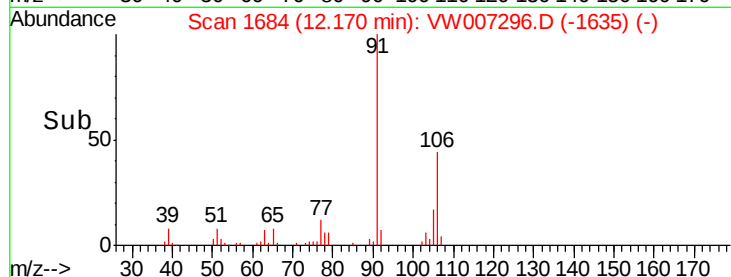
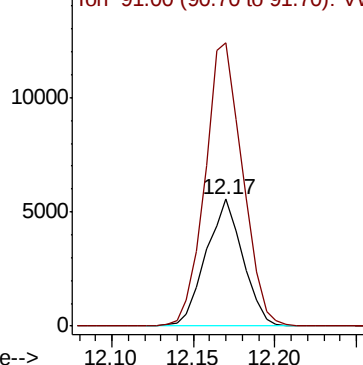
#69
o-Xylene
Concen: 4.232 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007296.D
Acq: 06 Dec 2018 22:58

Instrument :
MSVOA_W
ClientSampleId :
OR-01-120518-A

Tot Ion:106 Resp: 8717
Ion Ratio Lower Upper
106 100
91 226.8 104.9 314.7

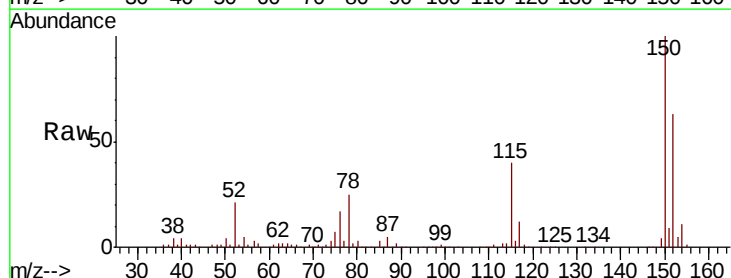


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

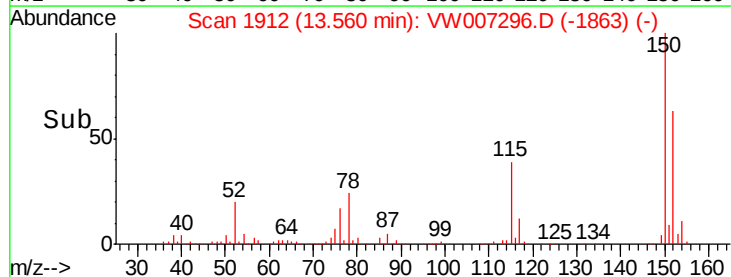
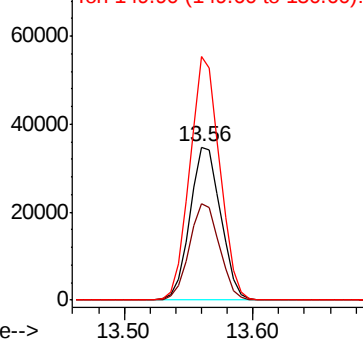


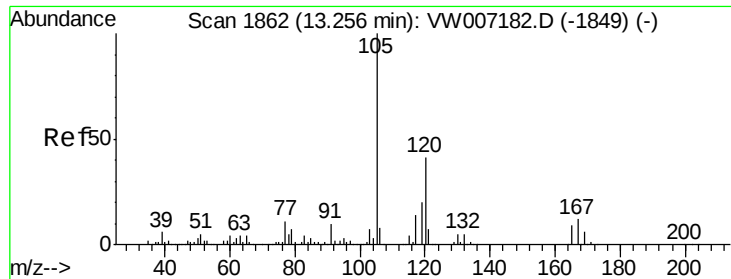
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007296.D
Acq: 06 Dec 2018 22:58

Tgt Ion:152 Resp: 57960
Ion Ratio Lower Upper
152 100
115 61.8 31.3 93.8
150 154.7 0.0 358.0



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

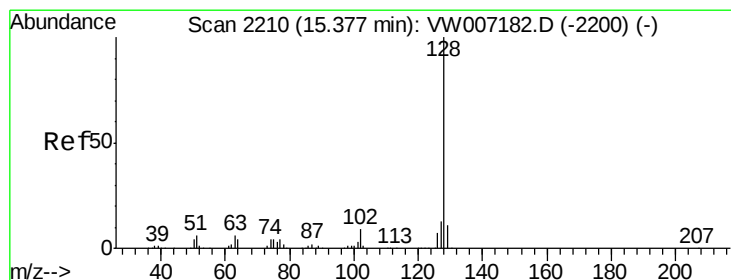
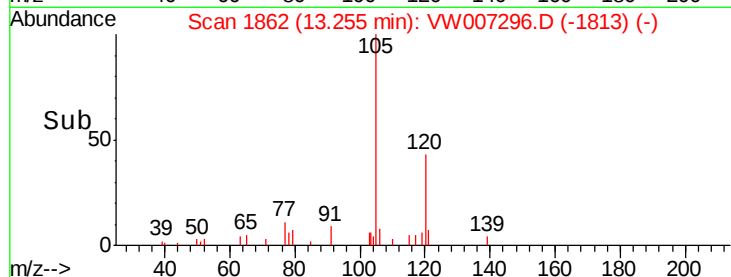
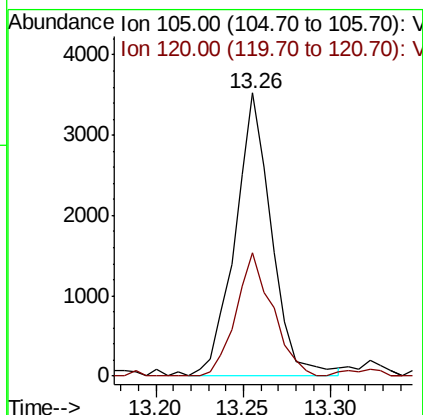
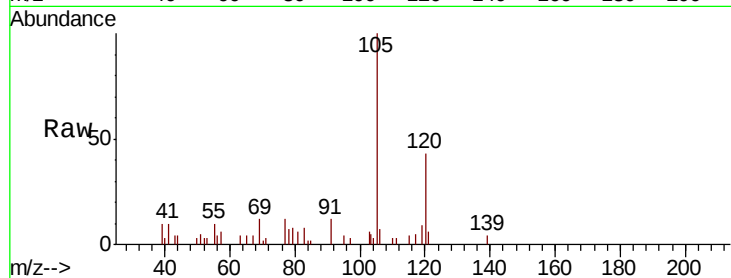




#84
 1,2,4-Trimethylbenzene
 Concen: 1.242 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007296.D
 Acq: 06 Dec 2018 22:58

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-01-120518-A

Tot Ion:105 Resp: 5113
 Ion Ratio Lower Upper
 105 100
 120 43.5 21.1 63.3



#95
 Naphthalene
 Concen: 2.247 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: VW007296.D
 Acq: 06 Dec 2018 22:58

Tgt Ion:128 Resp: 5047
 Ion Ratio Lower Upper
 128 100
 127 13.6 10.3 15.5
 129 11.5 8.6 13.0

