

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120618\
 Data File : VW007297.D
 Acq On : 06 Dec 2018 23:24
 Operator : SY/AP
 Sample : J6195-03
 Misc : 6.3G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Dec 07 02:23:49 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

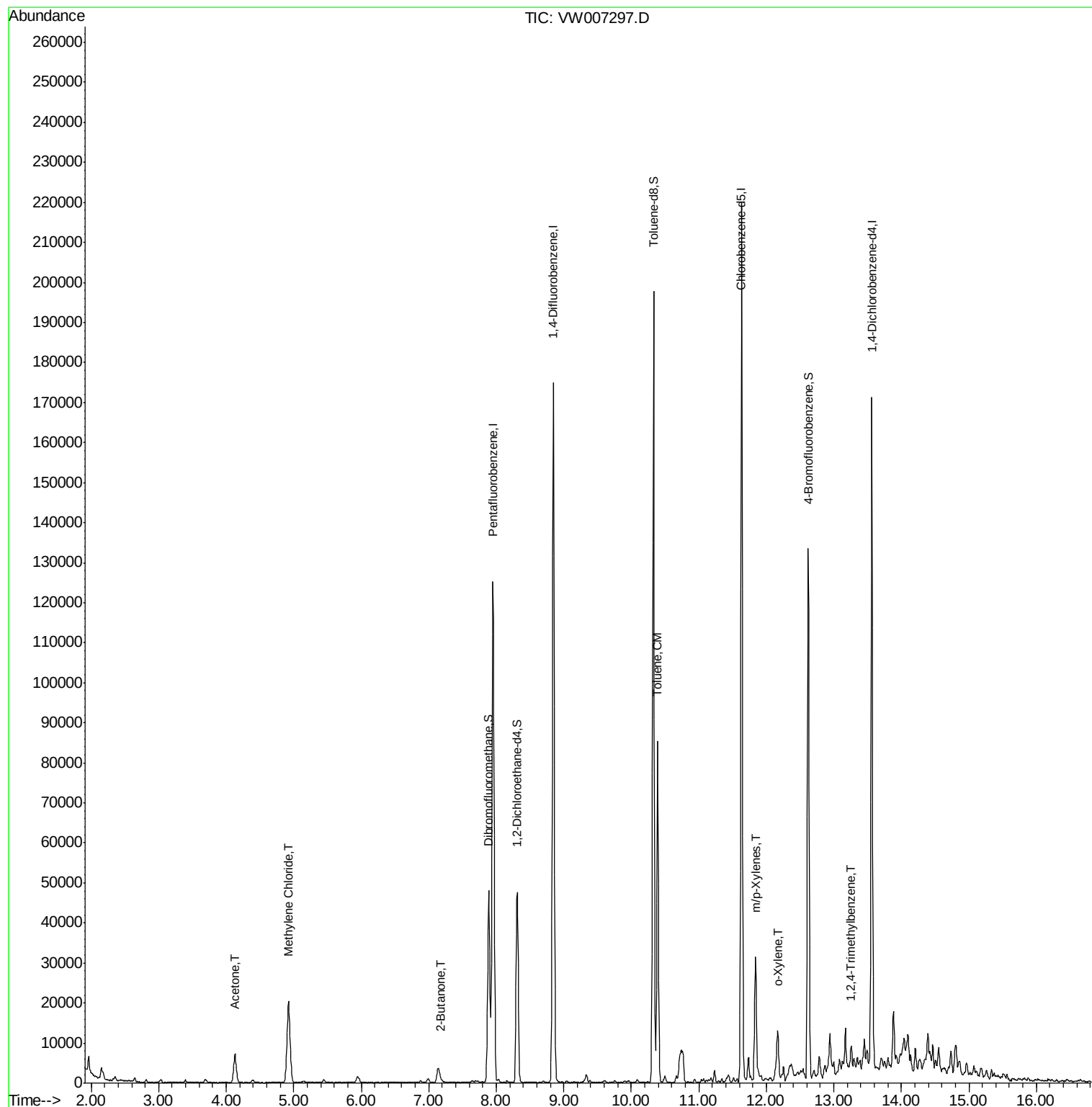
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	93066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	153470	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	127303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	43694	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	38733	44.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.40%	
35) Dibromofluoromethane	7.89	113	35638	40.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.10%	
50) Toluene-d8	10.33	98	132168	34.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.28%	
62) 4-Bromofluorobenzene	12.62	95	43819	29.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.98%	
Target Compounds						
16) Acetone	4.13	43	12394	60.421	ug/l	100
20) Methylene Chloride	4.92	84	15957	11.423	ug/l #	92
25) 2-Butanone	7.18	43	1231	5.177	ug/l #	73
52) Toluene	10.39	92	34891	12.249	ug/l	96
68) m/p-Xylenes	11.84	106	8651	4.256	ug/l	90
69) o-Xylene	12.17	106	3195	1.682	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	3740	1.205	ug/l	88

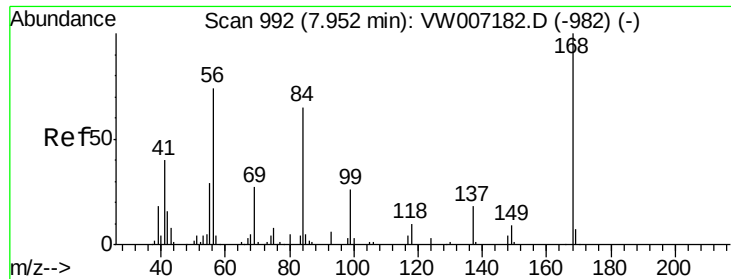
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Dec 07 02:23:49 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: VW007297.D

Acq: 06 Dec 2018 23:24

Instrument :

MSVOA_W

ClientSampleId :

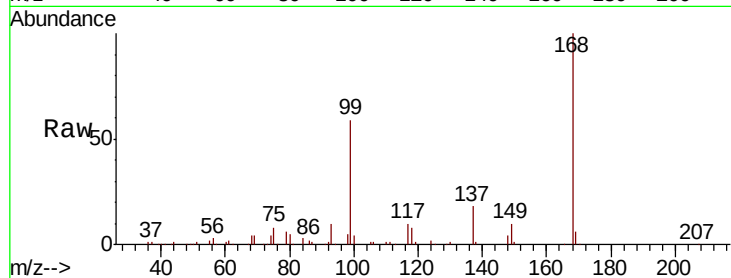
OR-01-120518-B

Tot Ion:168 Resp: 93066

Ion Ratio Lower Upper

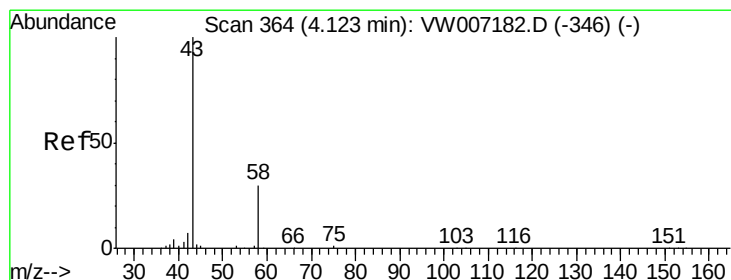
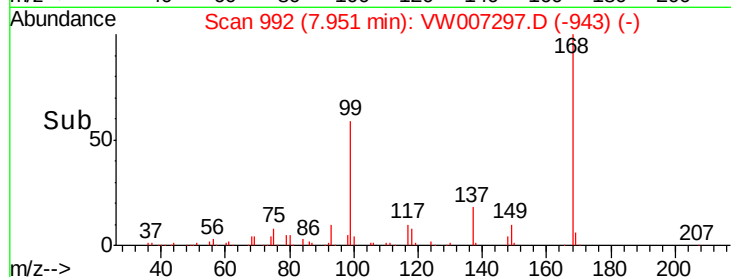
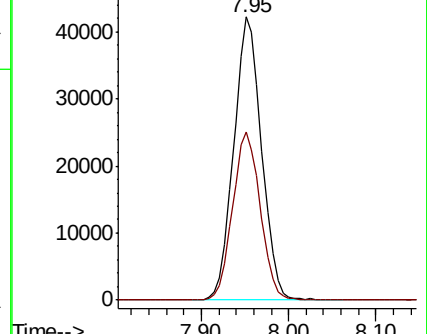
168 100

99 59.4 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: 60.421 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007297.D

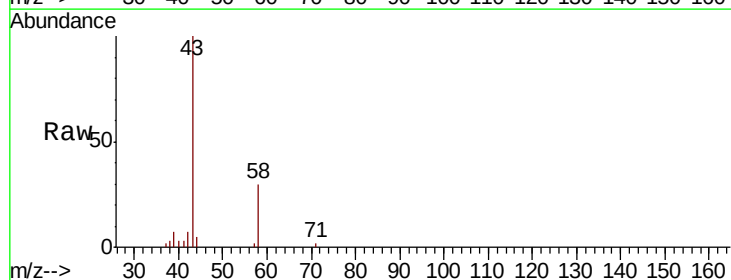
Acq: 06 Dec 2018 23:24

Tgt Ion: 43 Resp: 12394

Ion Ratio Lower Upper

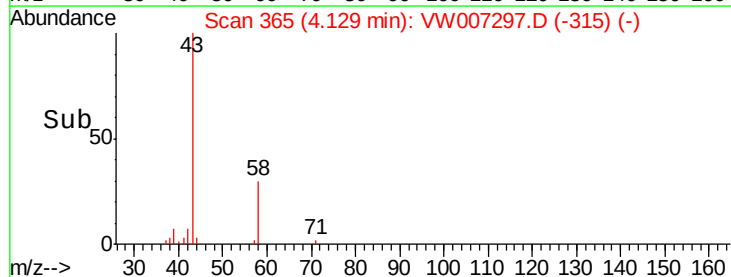
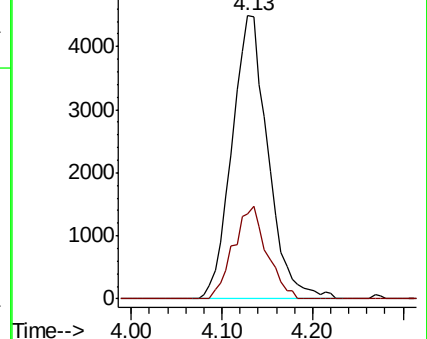
43 100

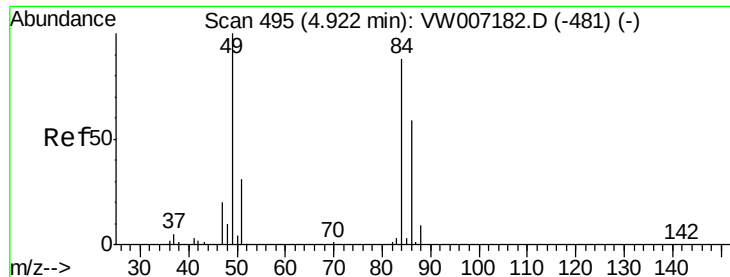
58 29.9 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

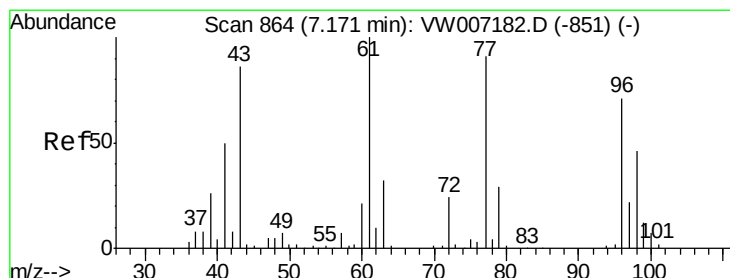
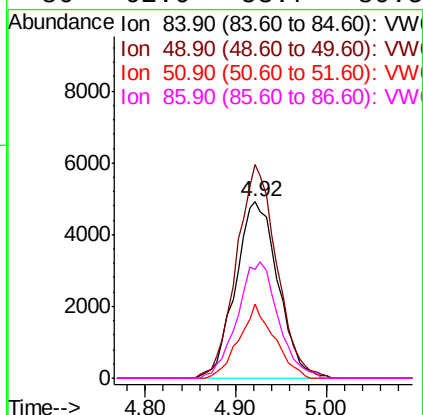
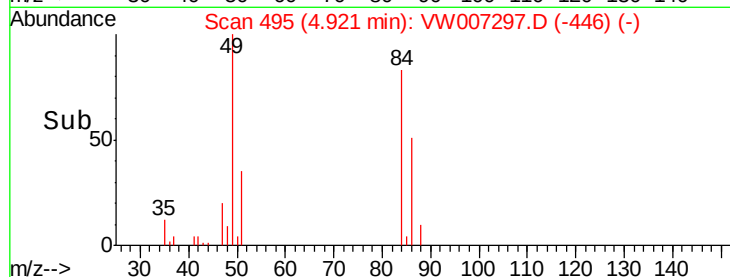
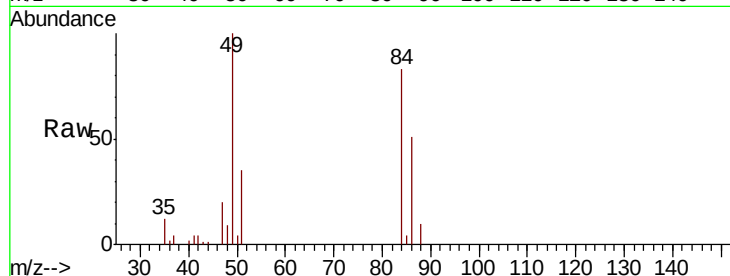




#20
Methylene Chloride
Concen: 11.423 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007297.D
Acq: 06 Dec 2018 23:24

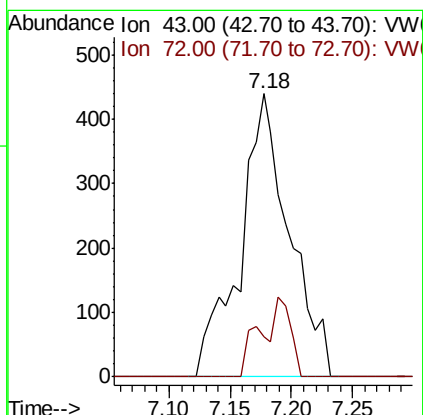
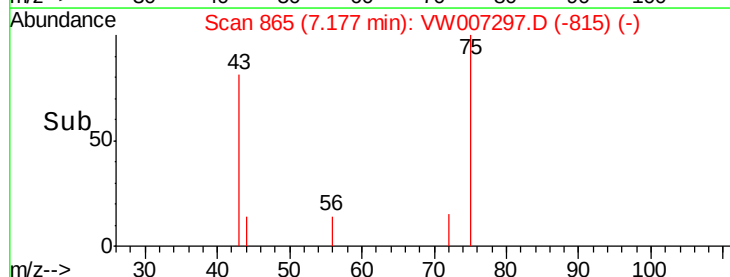
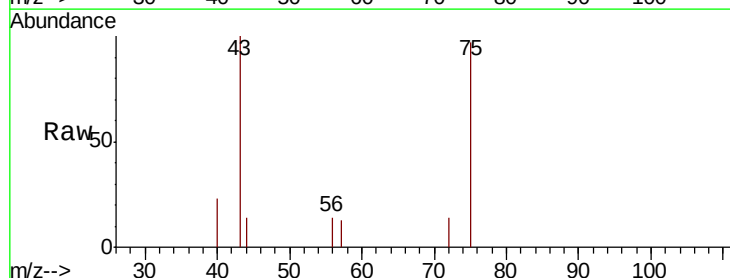
Instrument :
MSVOA_W
ClientSampleId :
OR-01-120518-B

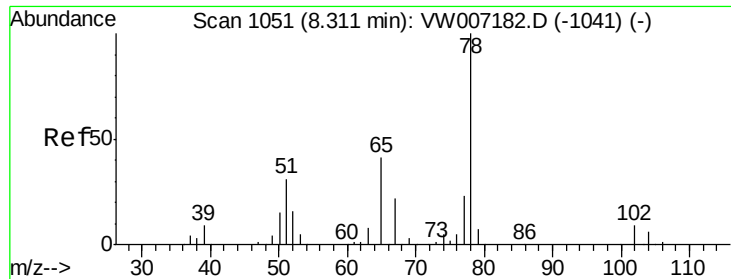
Tot Ion: 84 Resp: 15957
Ion Ratio Lower Upper
84 100
49 121.0 90.6 135.8
51 41.9 27.6 41.4#
86 62.0 53.7 80.5



#25
2-Butanone
Concen: 5.177 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW007297.D
Acq: 06 Dec 2018 23:24

Tgt Ion: 43 Resp: 1231
Ion Ratio Lower Upper
43 100
72 14.1 22.8 34.2#

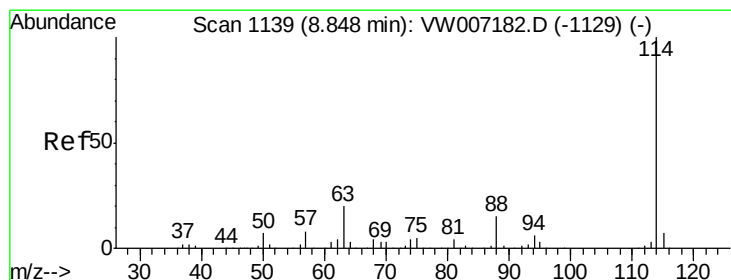
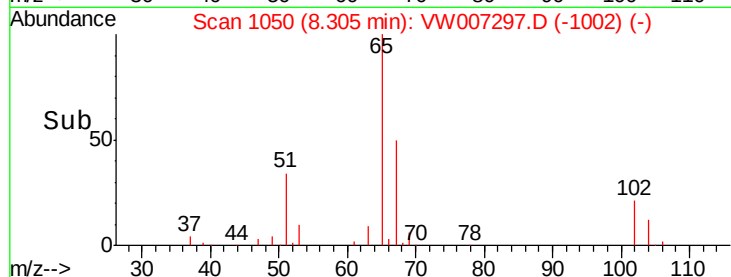
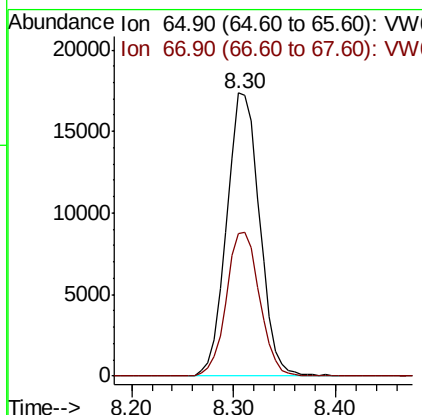
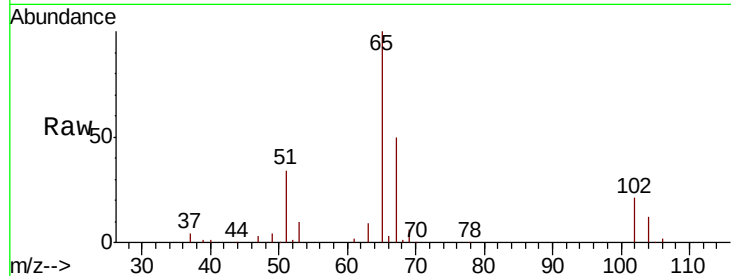




#33
 1,2-Dichloroethane-d4
 Concen: 44.701 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007297.D
 Acq: 06 Dec 2018 23:24

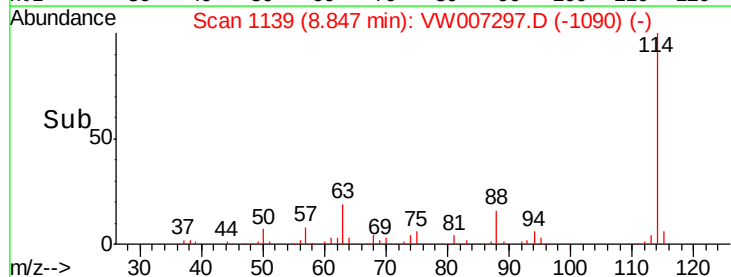
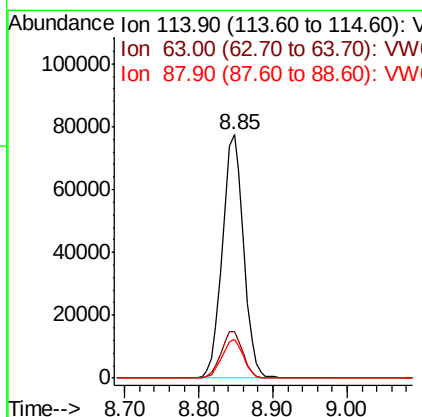
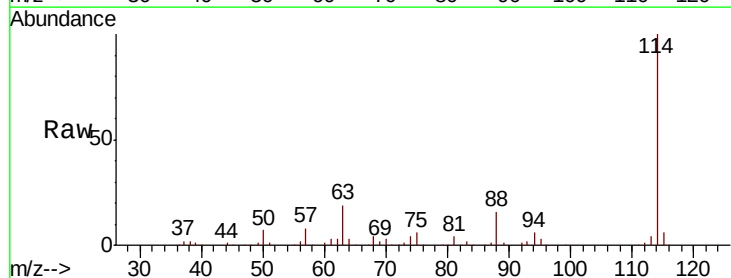
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-01-120518-B

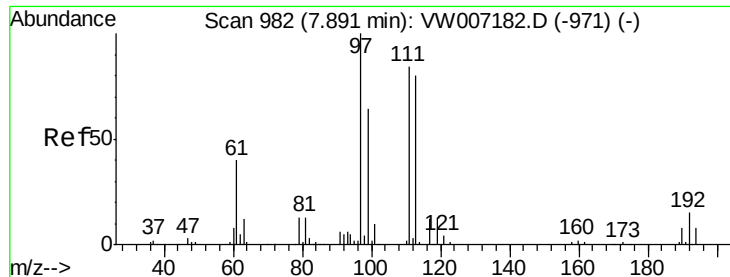
Tot Ion: 65 Resp: 38733
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007297.D
 Acq: 06 Dec 2018 23:24

Tgt Ion: 114 Resp: 153470
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 40.2
 88 15.8 0.0 30.0

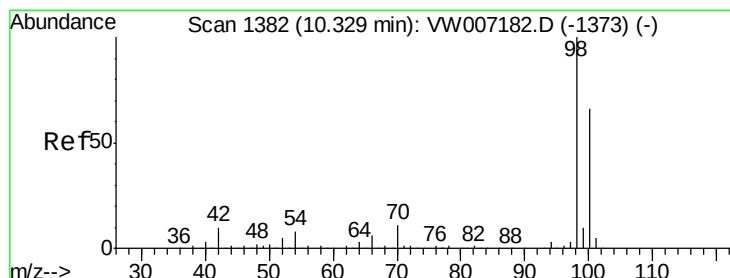
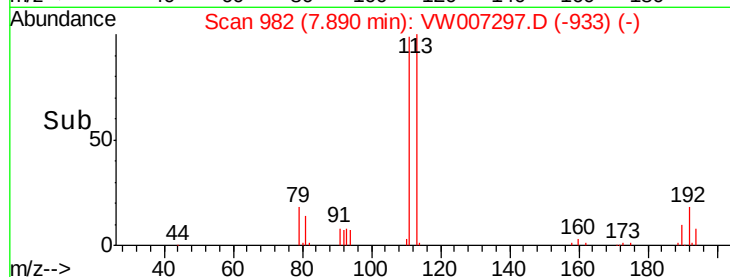
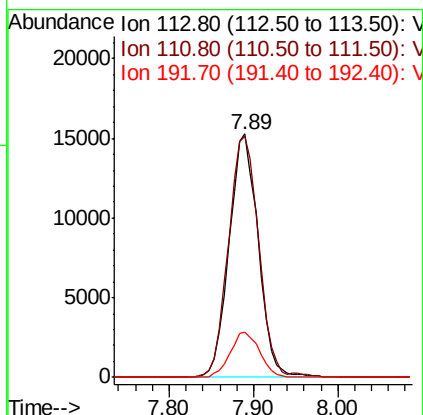
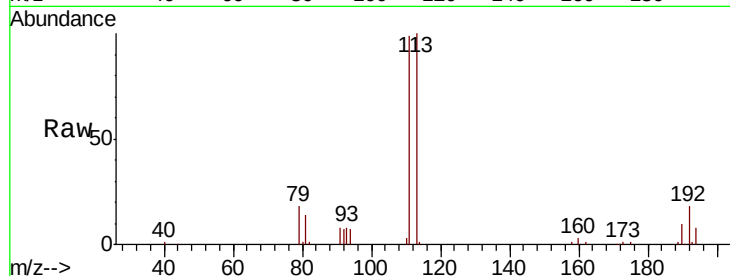




#35
Dibromofluoromethane
Concen: 40.555 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW007297.D
Acq: 06 Dec 2018 23:24

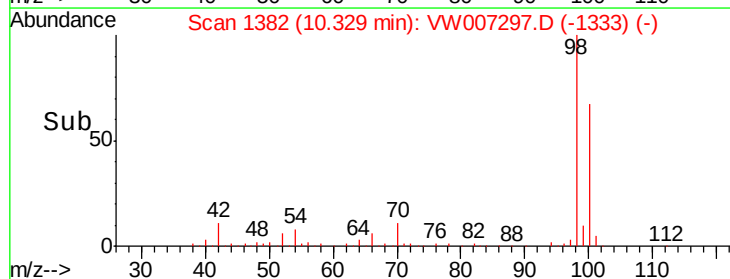
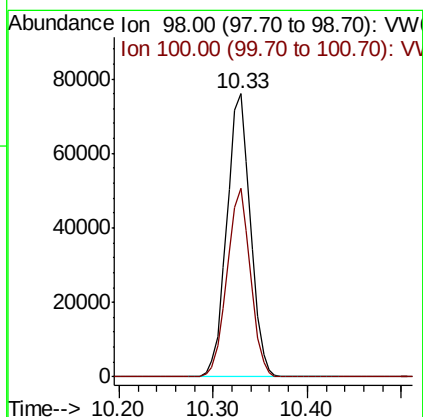
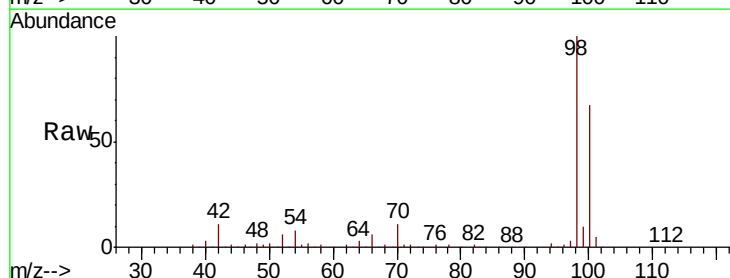
Instrument :
MSVOA_W
ClientSampleId :
OR-01-120518-B

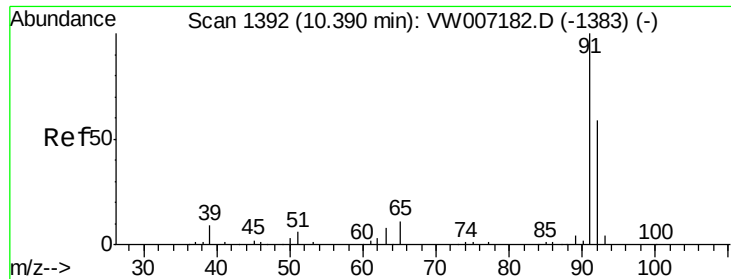
Tot Ion:113 Resp: 35638
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 18.7 14.4 21.6



#50
Toluene-d8
Concen: 34.144 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007297.D
Acq: 06 Dec 2018 23:24

Tgt Ion: 98 Resp: 132168
Ion Ratio Lower Upper
98 100
100 65.9 52.7 79.1





#52

Toluene

Concen: 12.249 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007297.D

Acq: 06 Dec 2018 23:24

Instrument :

MSVOA_W

ClientSampleId :

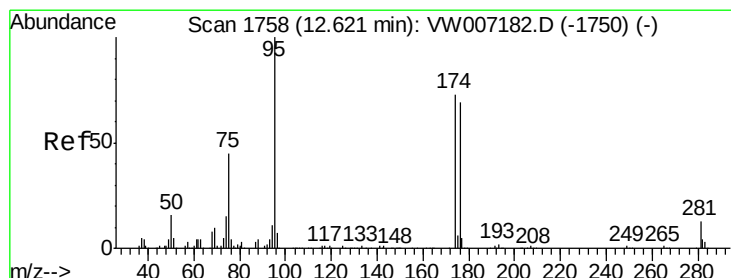
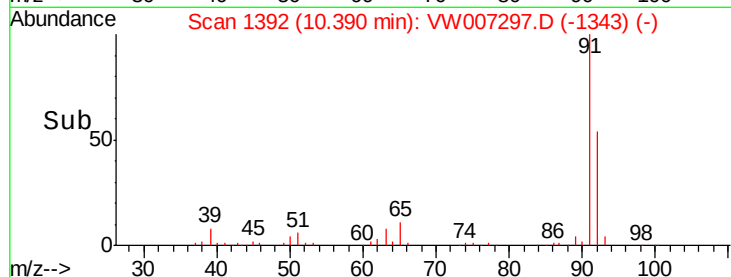
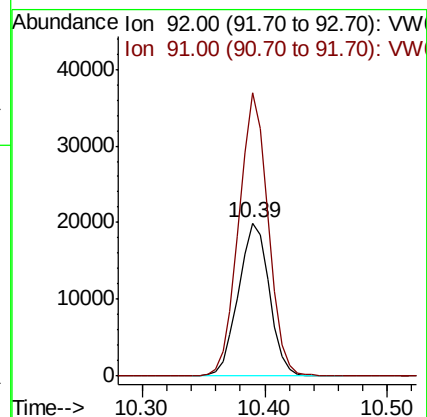
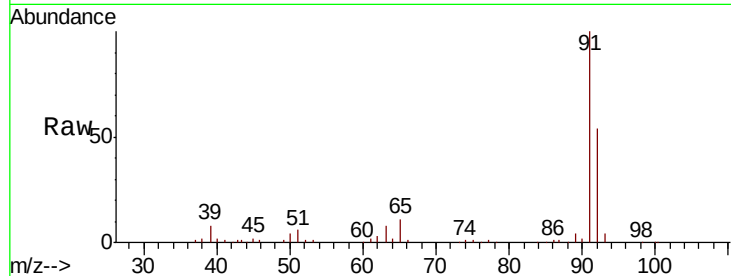
OR-01-120518-B

Tot Ion: 92 Resp: 34891

Ion Ratio Lower Upper

92 100

91 175.9 136.0 204.0



#62

4-Bromofluorobenzene

Concen: 29.991 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007297.D

Acq: 06 Dec 2018 23:24

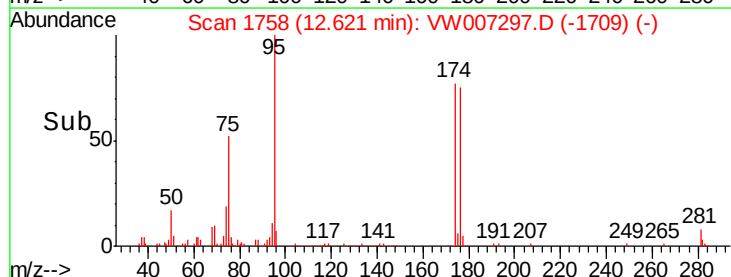
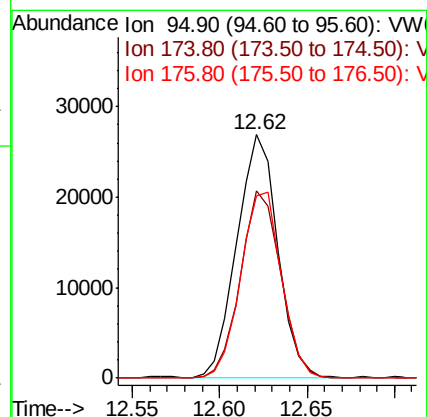
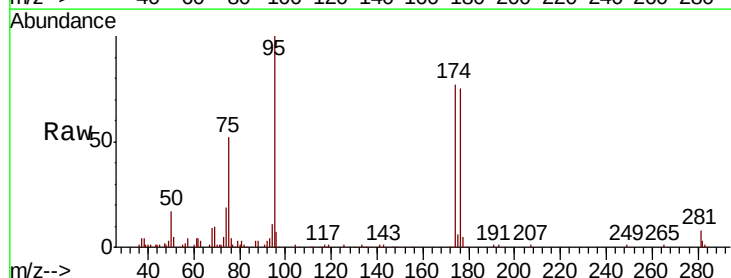
Tgt Ion: 95 Resp: 43819

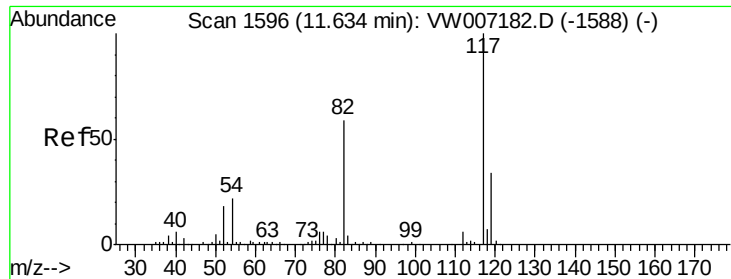
Ion Ratio Lower Upper

95 100

174 76.2 0.0 148.0

176 76.1 0.0 139.4

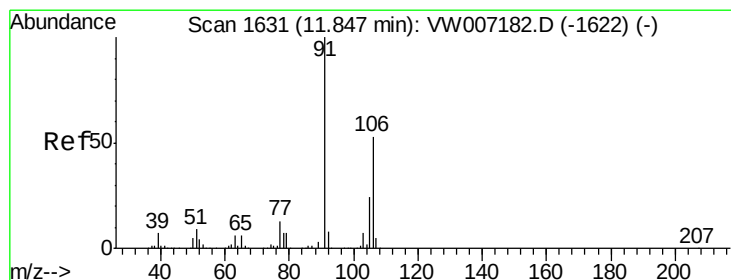
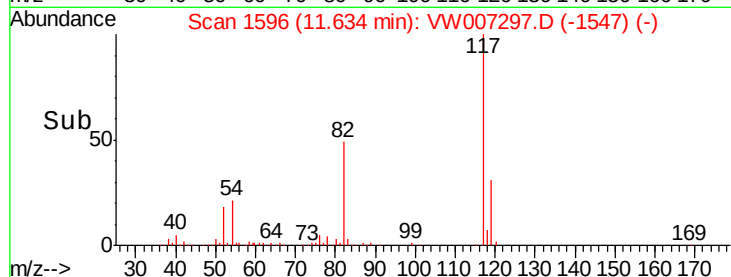
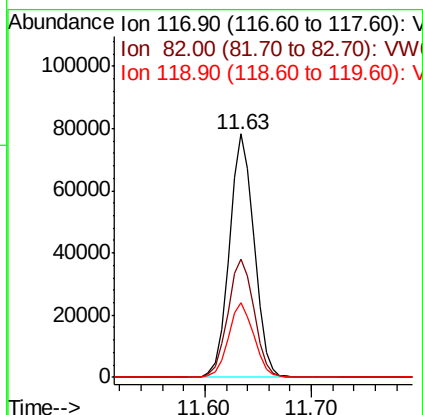
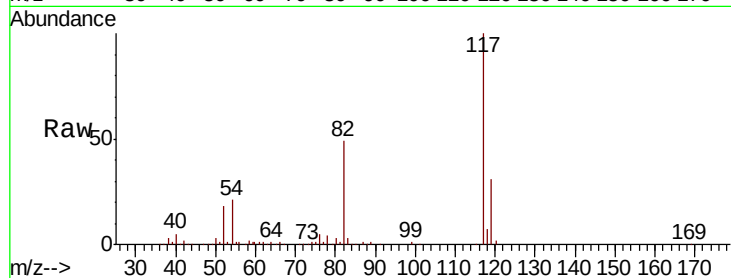




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007297.D
Acq: 06 Dec 2018 23:24

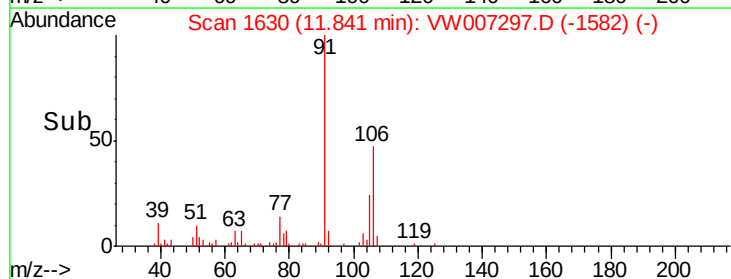
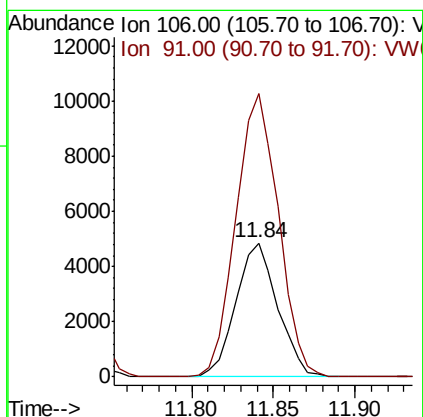
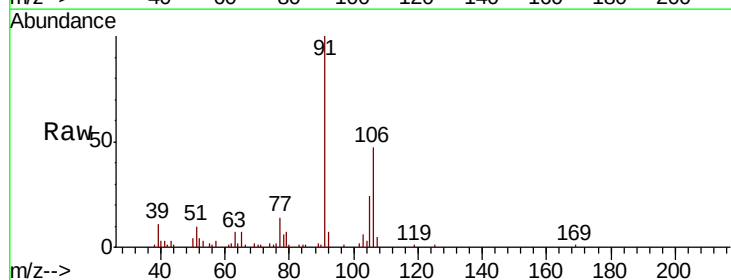
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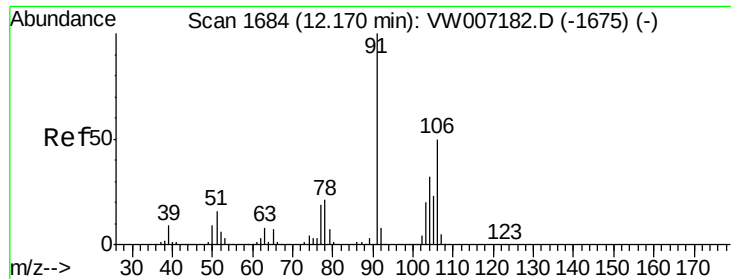
Tot Ion:117 Resp: 127303
Ion Ratio Lower Upper
117 100
82 48.8 47.4 71.2
119 30.9 26.8 40.2



#68
m/p-Xylenes
Concen: 4.256 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW007297.D
Acq: 06 Dec 2018 23:24

Tgt Ion:106 Resp: 8651
Ion Ratio Lower Upper
106 100
91 215.4 160.2 240.4

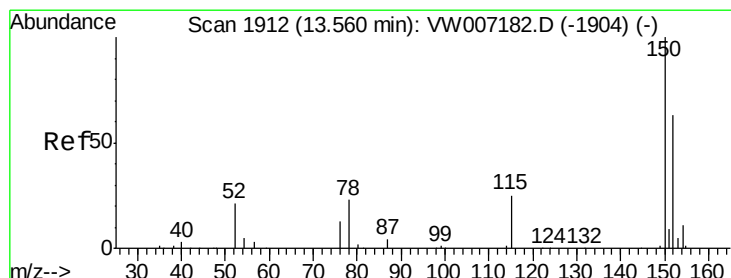
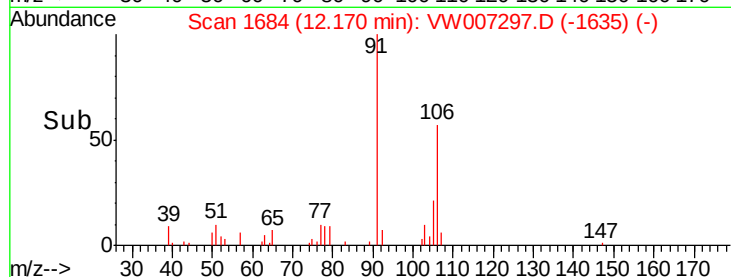
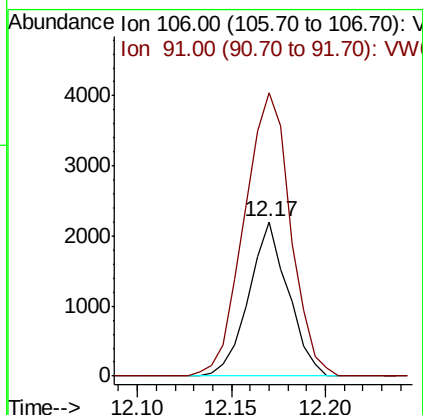
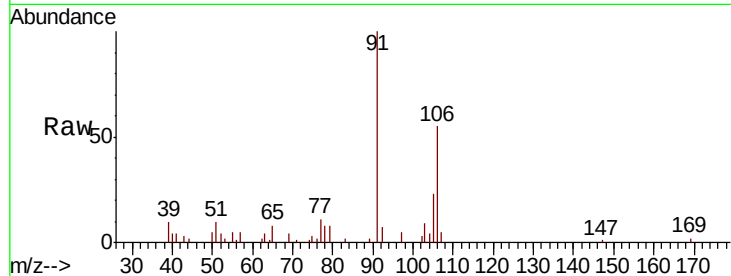




#69
o-Xylene
Concen: 1.682 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007297.D
Acq: 06 Dec 2018 23:24

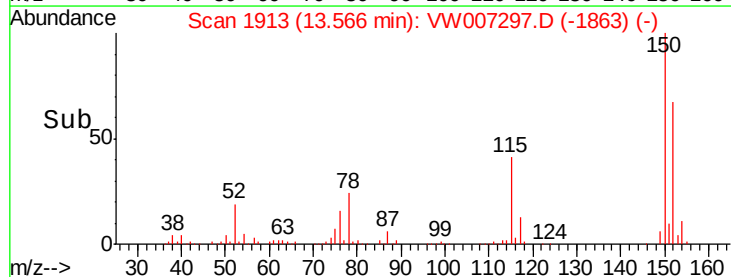
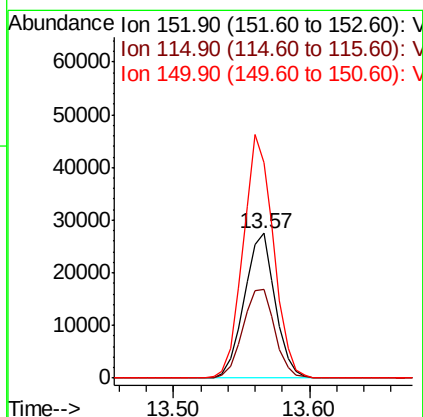
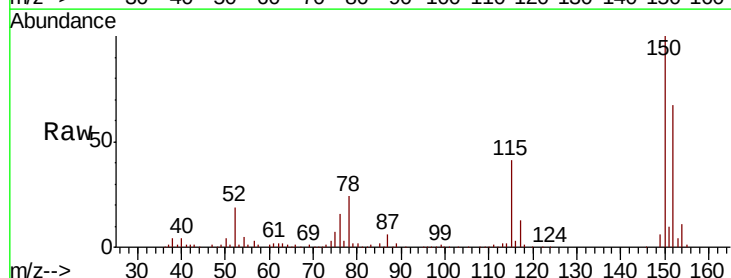
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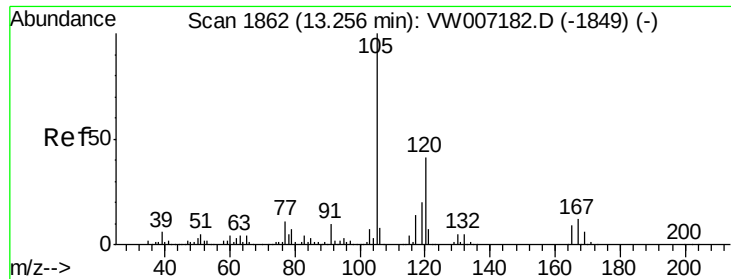
Tot Ion:106 Resp: 3195
Ion Ratio Lower Upper
106 100
91 215.4 104.9 314.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007297.D
Acq: 06 Dec 2018 23:24

Tgt Ion:152 Resp: 43694
Ion Ratio Lower Upper
152 100
115 63.5 31.3 93.8
150 164.4 0.0 358.0





#84
 1,2,4-Trimethylbenzene
 Concen: 1.205 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.01 min
 Lab File: VW007297.D
 Acq: 06 Dec 2018 23:24

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

Tot Ion:105 Resp: 3740
 Ion Ratio Lower Upper
 105 100
 120 49.7 21.1 63.3

