

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020819\
 Data File : VW008580.D
 Acq On : 08 Feb 2019 17:55
 Operator : SY/VA
 Sample : K1349-03
 Misc : 7.63G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-020719-B

Quant Time: Feb 09 01:30:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	29476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	46132	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	39124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	17093	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	17556	60.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	121.26%	
35) Dibromofluoromethane	7.88	113	14433	53.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.02%	
50) Toluene-d8	10.32	98	54668	50.54	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.08%	
62) 4-Bromofluorobenzene	12.62	95	19796	47.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.22%	

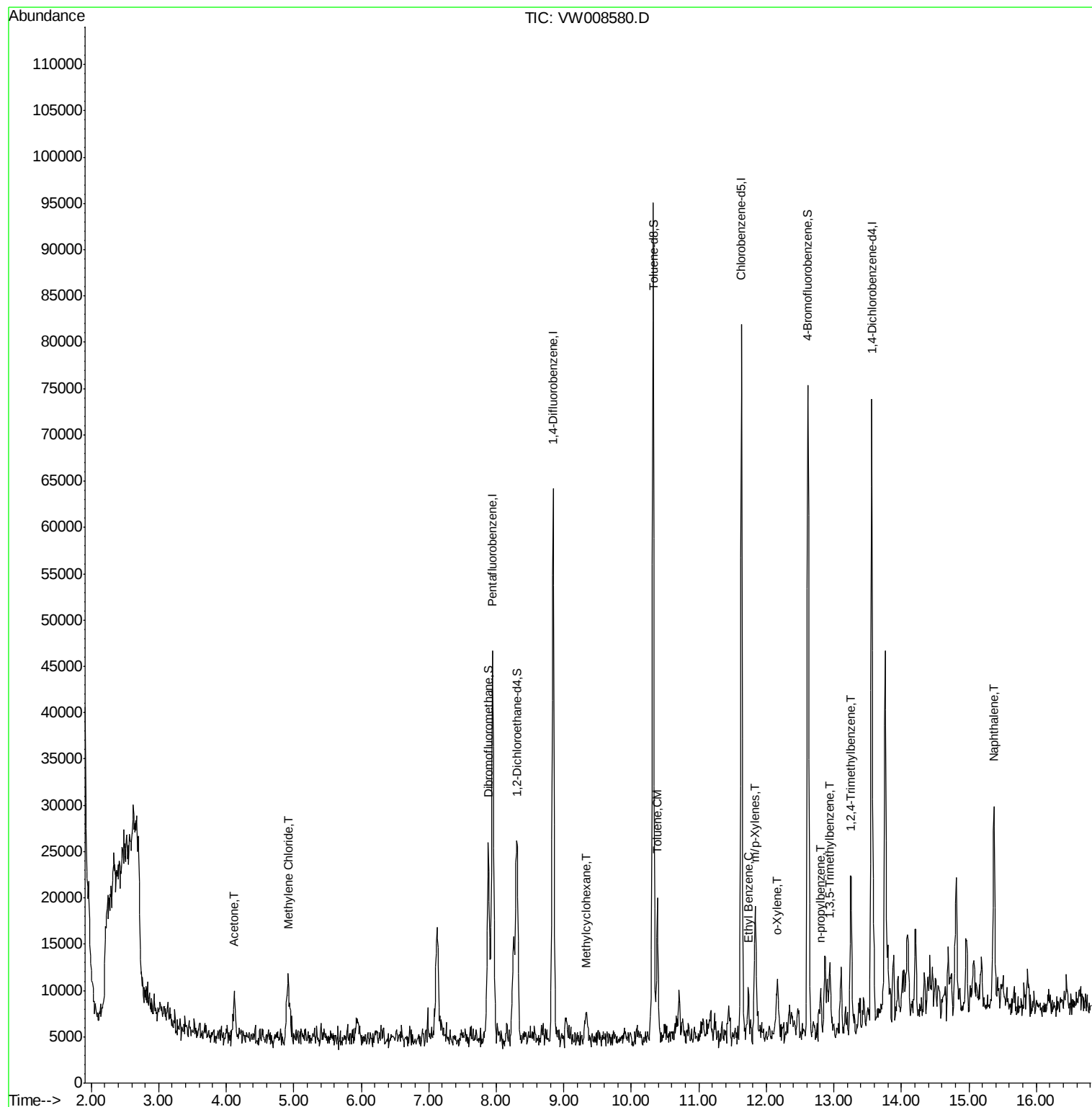
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	7235	111.260	ug/l	99
20) Methylene Chloride	4.92	84	4396	14.667	ug/l #	83
39) Methylcyclohexane	9.34	83	1595	2.786	ug/l #	78
52) Toluene	10.38	92	5792	7.256	ug/l	92
67) Ethyl Benzene	11.73	91	2718	1.851	ug/l	95
68) m/p-Xylenes	11.83	106	3822	6.710	ug/l	94
69) o-Xylene	12.16	106	1536	2.838	ug/l	84
78) n-propylbenzene	12.80	91	3238	2.116	ug/l	94
80) 1,3,5-Trimethylbenzene	12.94	105	2017	1.894	ug/l	83
84) 1,2,4-Trimethylbenzene	13.25	105	8983	8.298	ug/l	99
95) Naphthalene	15.37	128	16966	27.227	ug/l	99

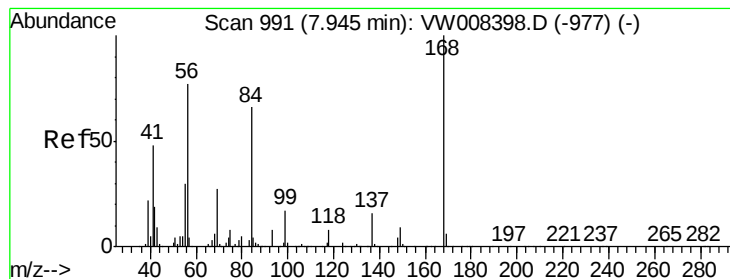
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008580.D

Acq: 08 Feb 2019 17:55

Instrument :

MSVOA_W

ClientSampleId :

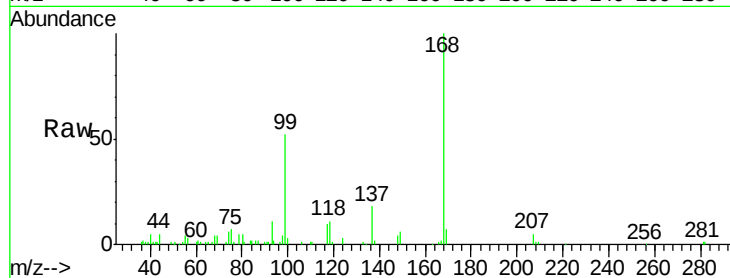
OR-03-020719-B

Tot Ion:168 Resp: 29476

Ion Ratio Lower Upper

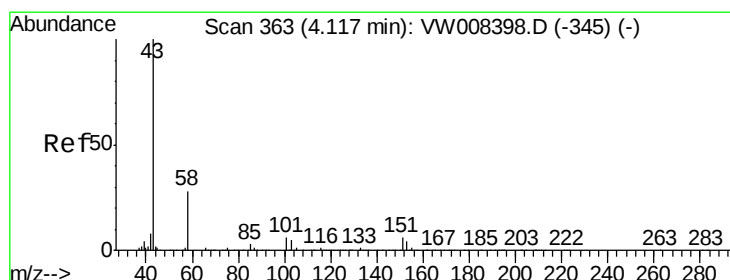
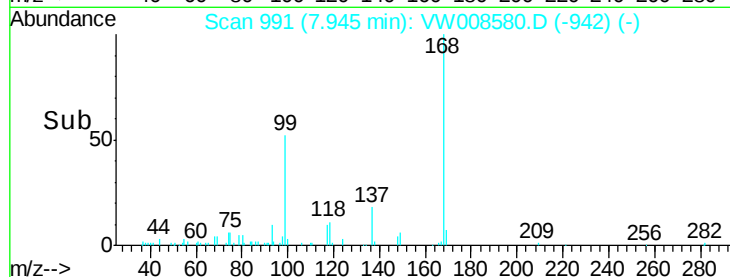
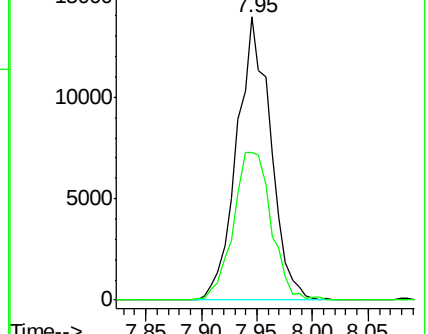
168 100

99 52.2 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 111.260 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008580.D

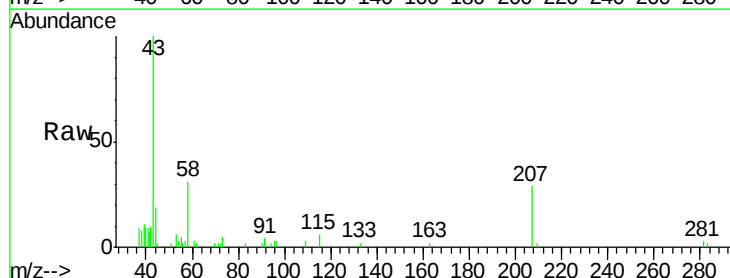
Acq: 08 Feb 2019 17:55

Tgt Ion: 43 Resp: 7235

Ion Ratio Lower Upper

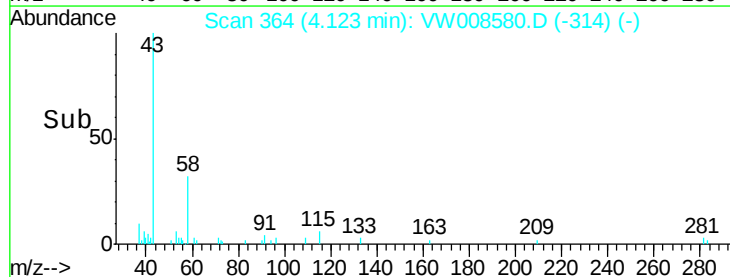
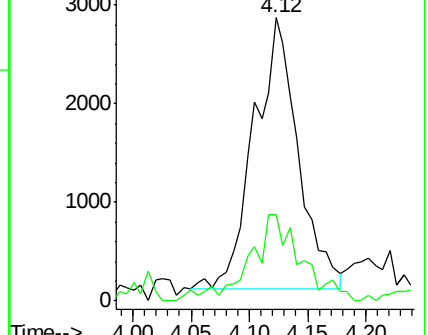
43 100

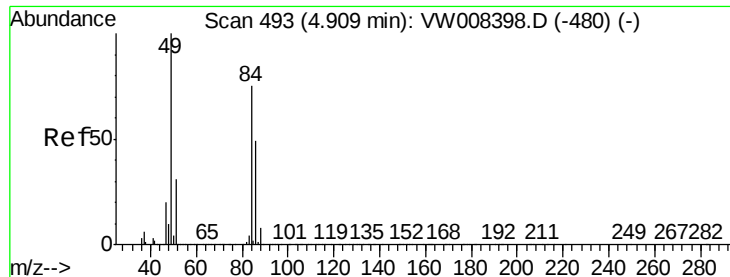
58 28.7 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

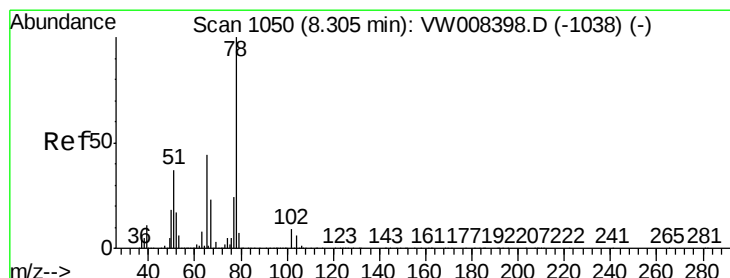
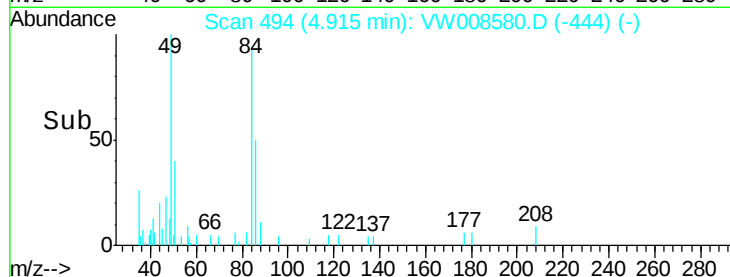
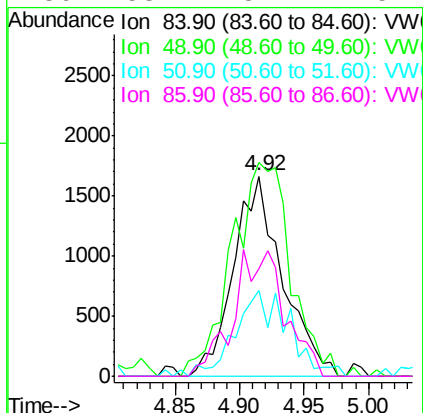
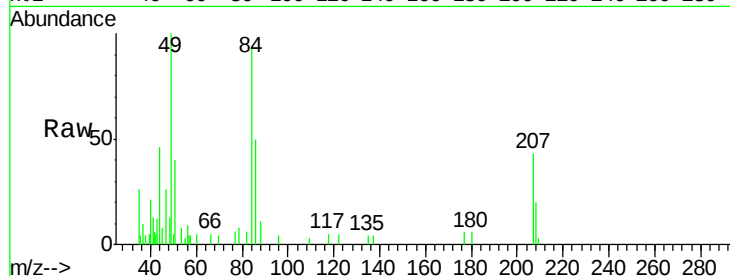




#20
Methvlene Chloride
Concen: 14.667 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008580.D
Acq: 08 Feb 2019 17:55

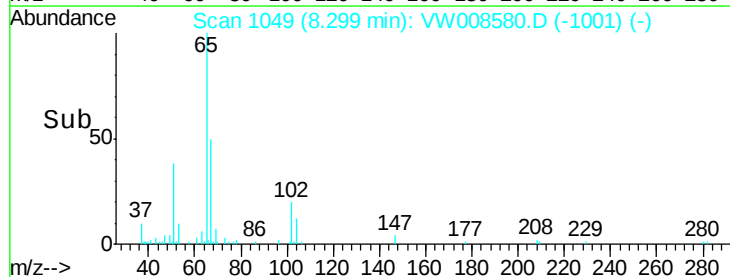
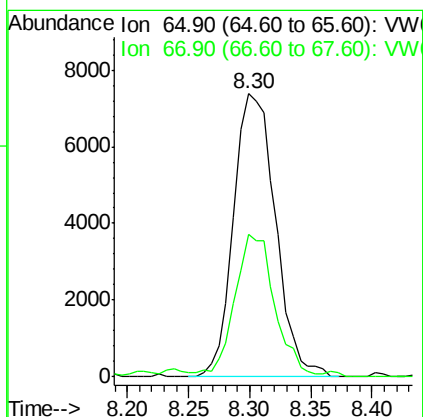
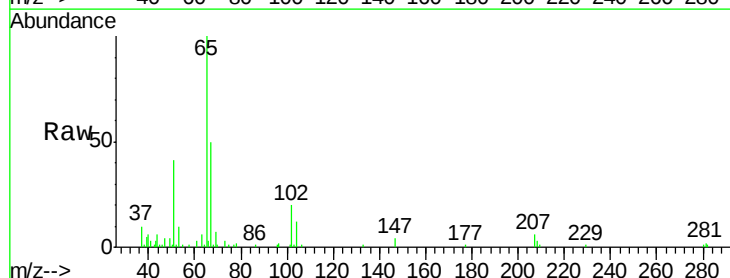
Instrument :
MSVOA_W
ClientSampleId :
OR-03-020719-B

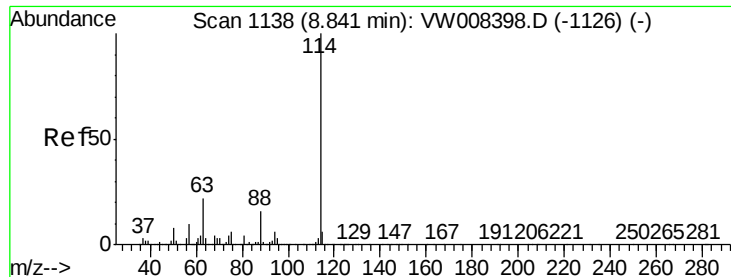
Tot Ion: 84 Resp: 4396
Ion Ratio Lower Upper
84 100
49 106.8 106.8 160.2#
51 42.9 32.9 49.3
86 53.7 52.2 78.2



#33
1,2-Dichloroethane-d4
Concen: 60.627 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW008580.D
Acq: 08 Feb 2019 17:55

Tgt Ion: 65 Resp: 17556
Ion Ratio Lower Upper
65 100
67 46.3 0.0 104.0

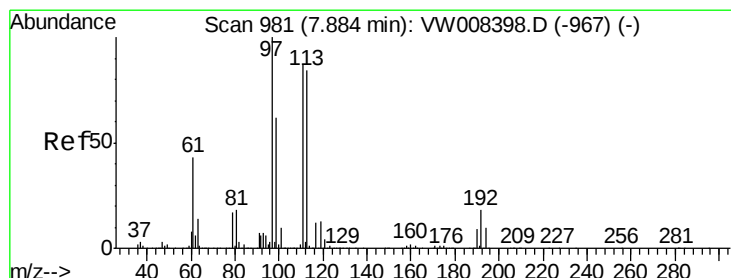
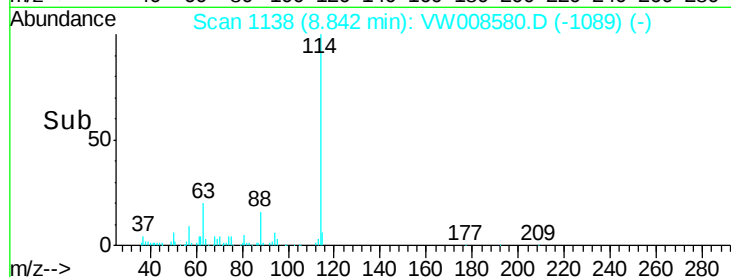
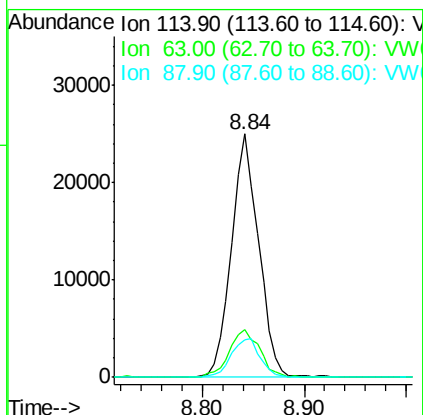
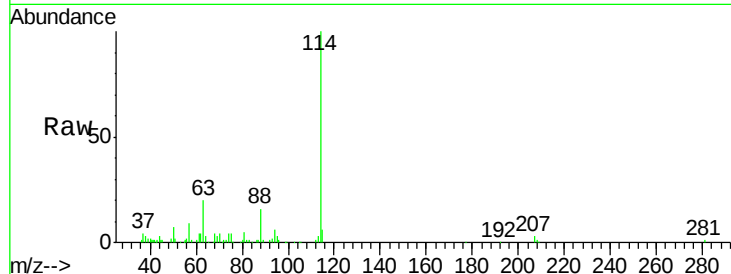




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008580.D
 Acq: 08 Feb 2019 17:55

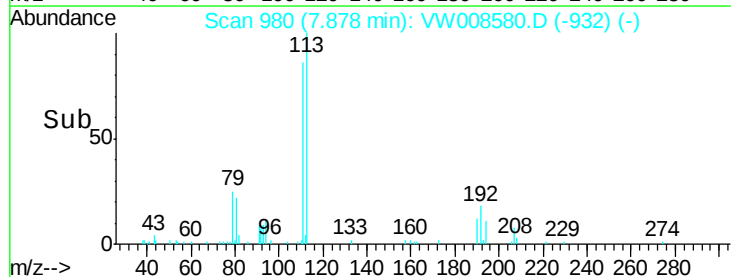
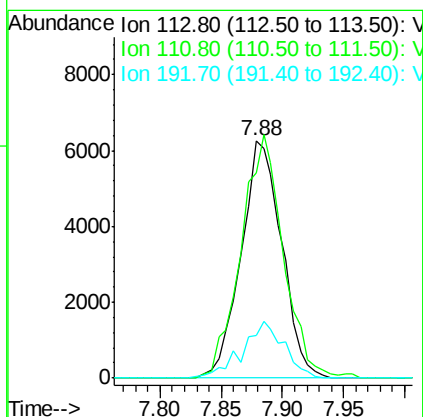
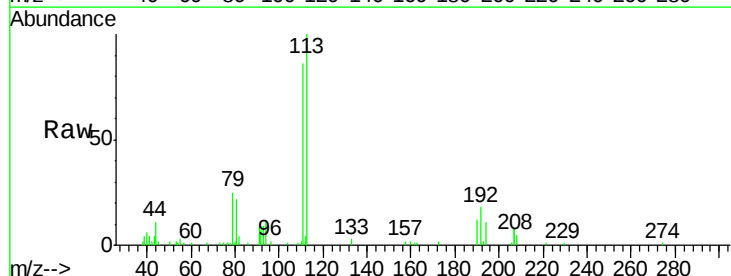
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-020719-B

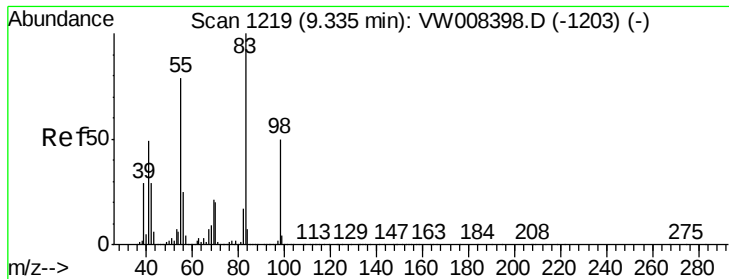
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	43.6
88	15.5	0.0	31.8



#35
 Dibromofluoromethane
 Concen: 53.505 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008580.D
 Acq: 08 Feb 2019 17:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	107.3	81.0	121.4
192	24.6	16.8	25.2

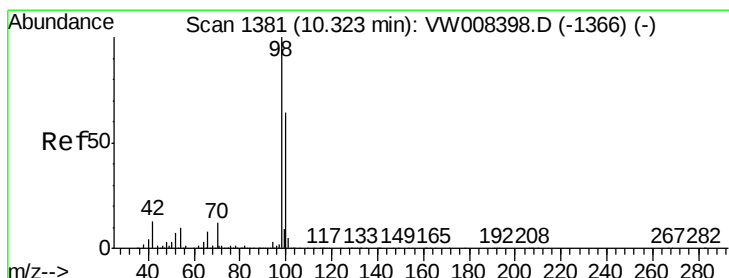
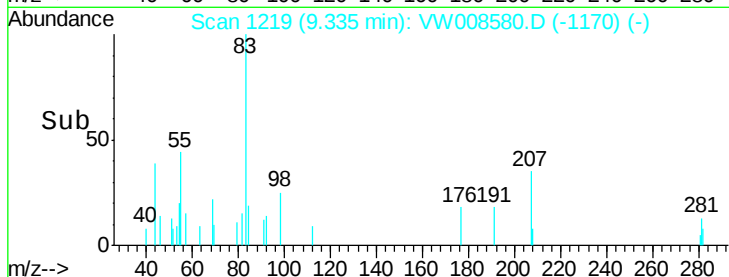
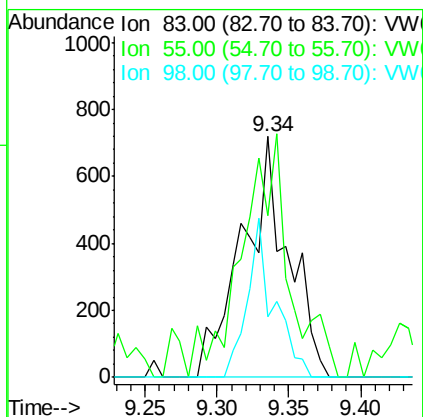
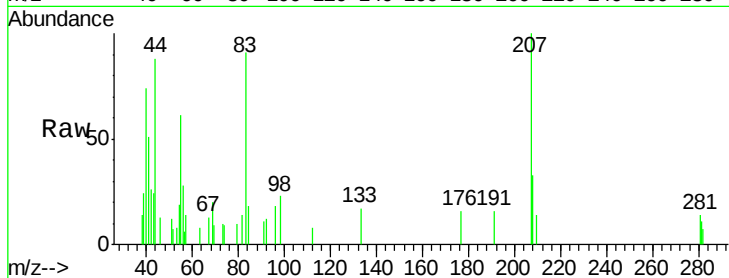




#39
Methvlcvclohexane
Concen: 2.786 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008580.D
Acq: 08 Feb 2019 17:55

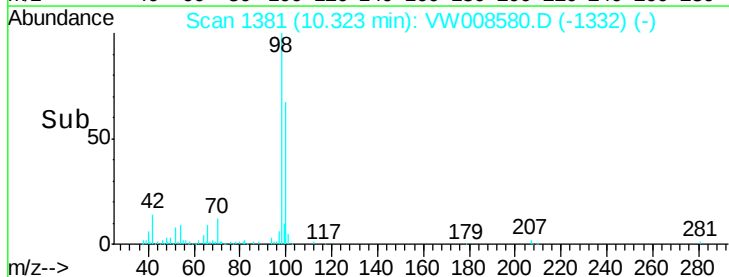
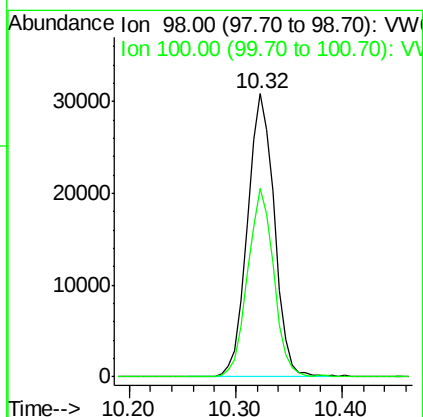
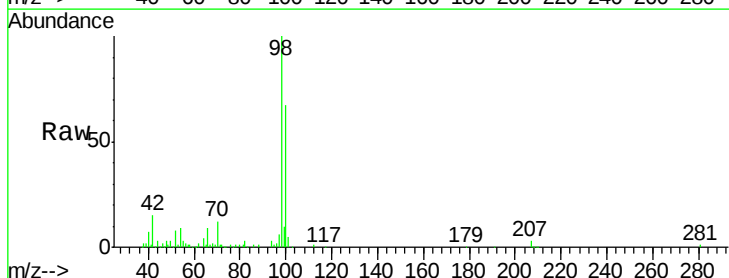
Instrument :
MSVOA_W
ClientSampleId :
OR-03-020719-B

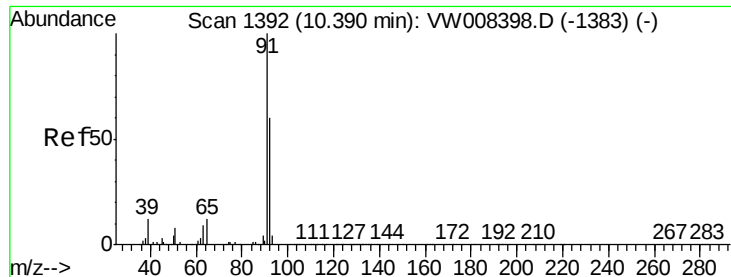
Tot Ion: 83 Resp: 1595
Ion Ratio Lower Upper
83 100
55 67.0 63.3 94.9
98 24.9 39.7 59.5#



#50
Toluene-d8
Concen: 50.539 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008580.D
Acq: 08 Feb 2019 17:55

Tgt Ion: 98 Resp: 54668
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8





#52

Toluene

Concen: 7.256 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008580.D

Acq: 08 Feb 2019 17:55

Instrument :

MSVOA_W

ClientSampleId :

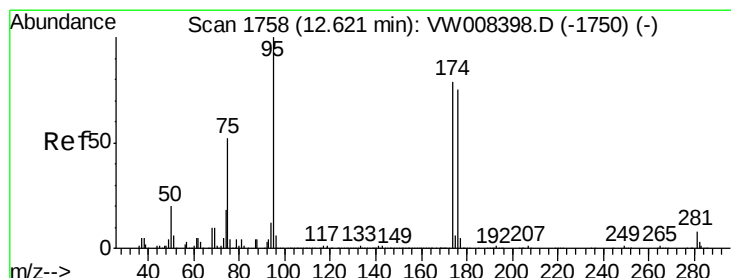
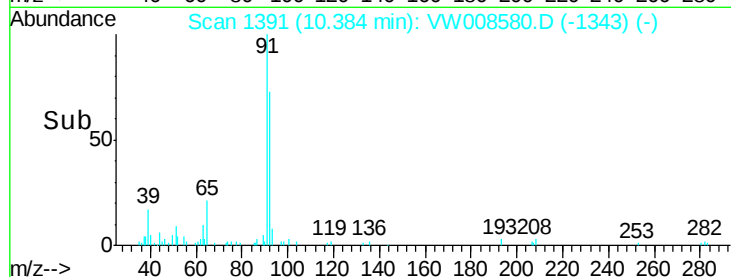
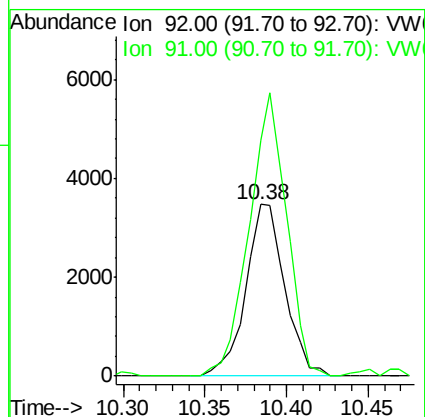
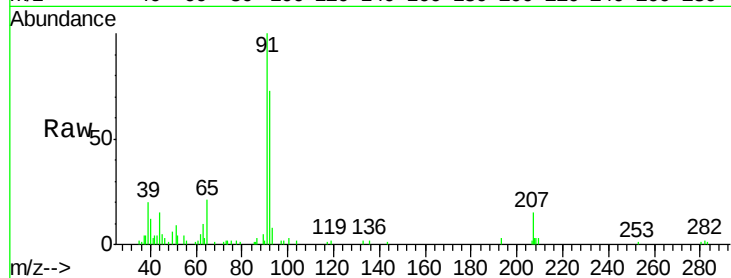
OR-03-020719-B

Tot Ion: 92 Resp: 5792

Ion Ratio Lower Upper

92 100

91 157.9 135.5 203.3



#62

4-Bromofluorobenzene

Concen: 47.611 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008580.D

Acq: 08 Feb 2019 17:55

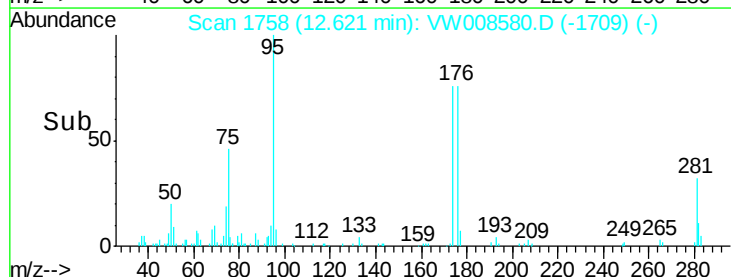
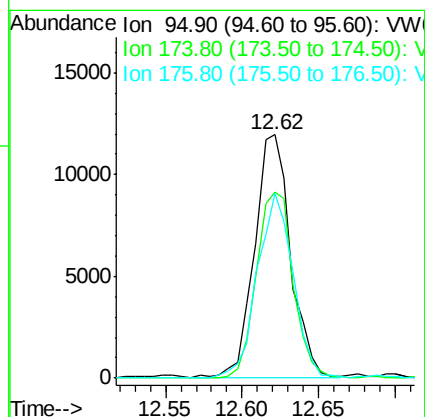
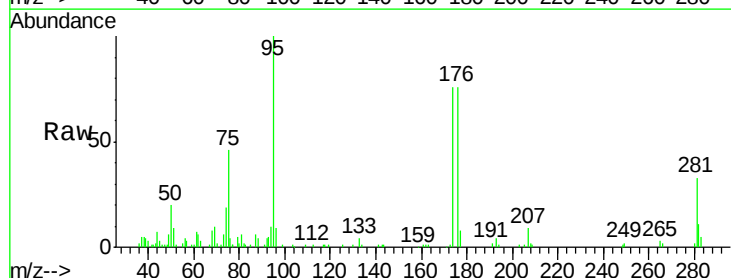
Tgt Ion: 95 Resp: 19796

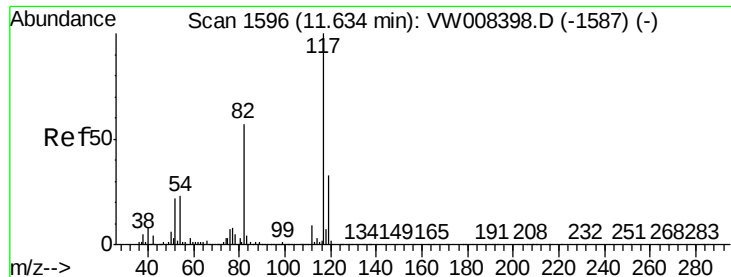
Ion Ratio Lower Upper

95 100

174 77.4 0.0 157.6

176 74.7 0.0 151.8

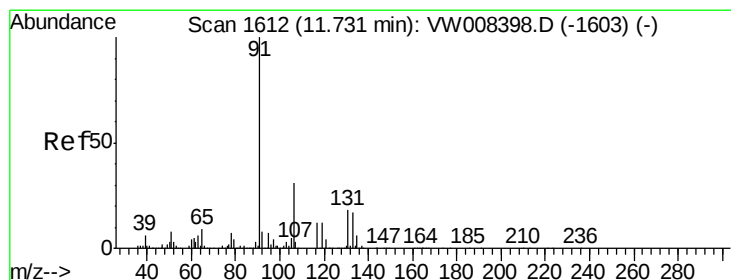
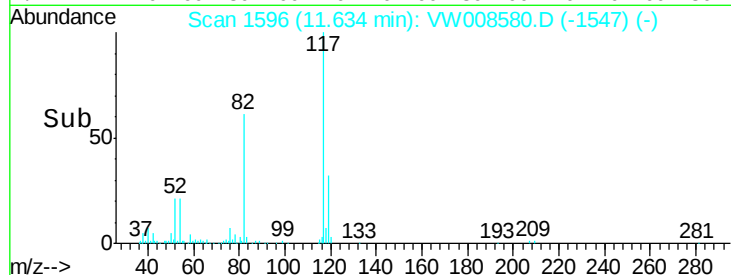
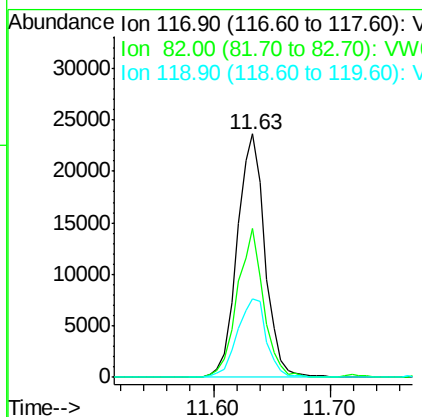
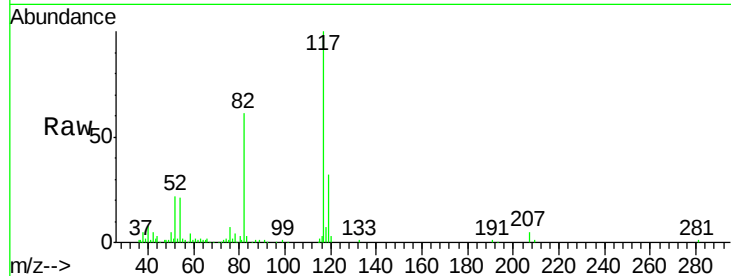




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008580.D
Acq: 08 Feb 2019 17:55

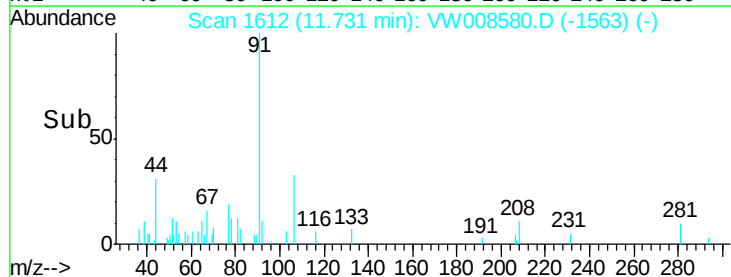
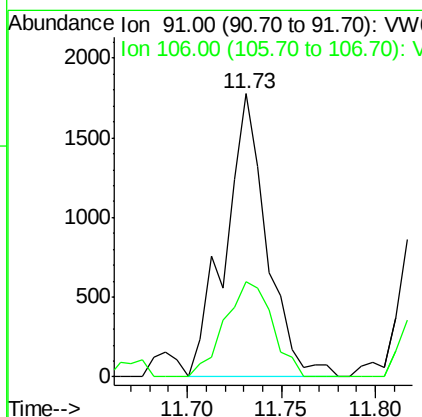
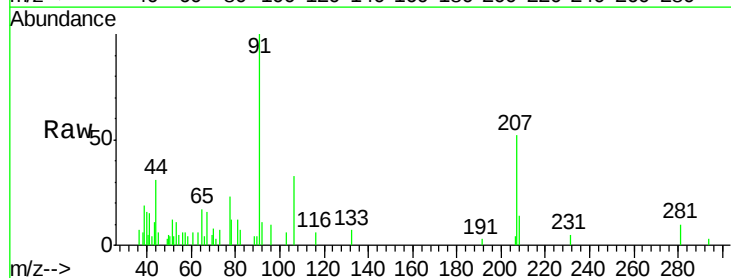
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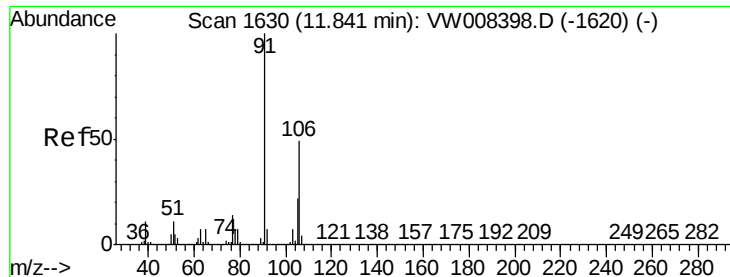
Tot Ion:117 Resp: 39124
Ion Ratio Lower Upper
117 100
82 61.1 45.4 68.0
119 32.3 26.2 39.4



#67
Ethyl Benzene
Concen: 1.851 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008580.D
Acq: 08 Feb 2019 17:55

Tgt Ion: 91 Resp: 2718
Ion Ratio Lower Upper
91 100
106 33.4 24.7 37.1

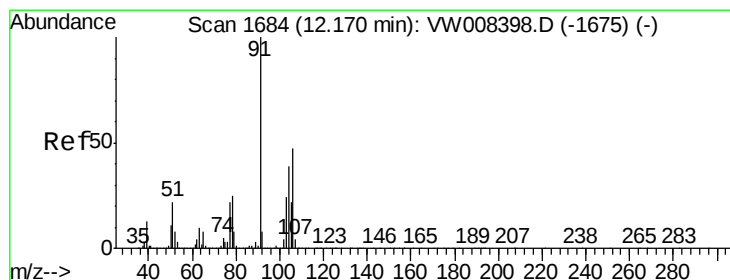
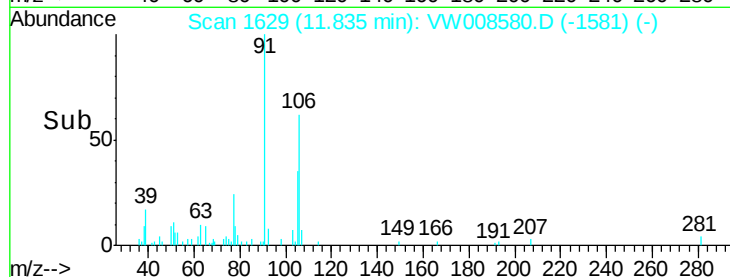
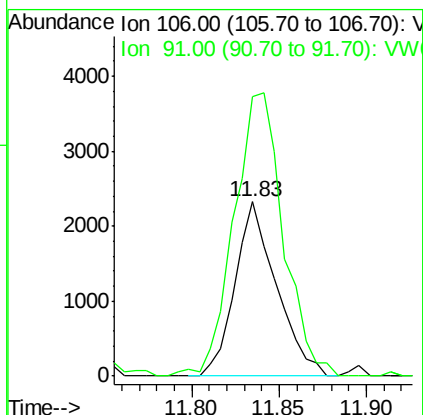
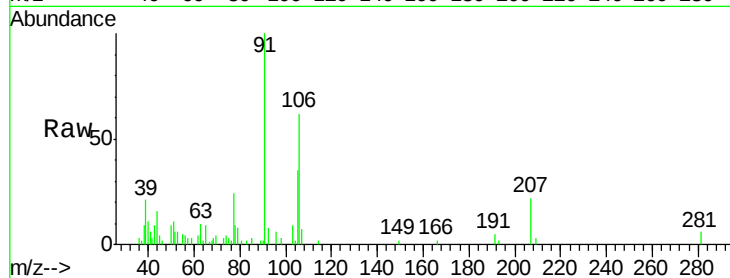




#68
m/p-Xylenes
Concen: 6.710 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008580.D
Acq: 08 Feb 2019 17:55

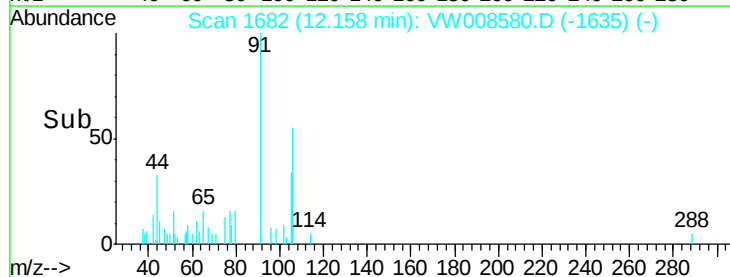
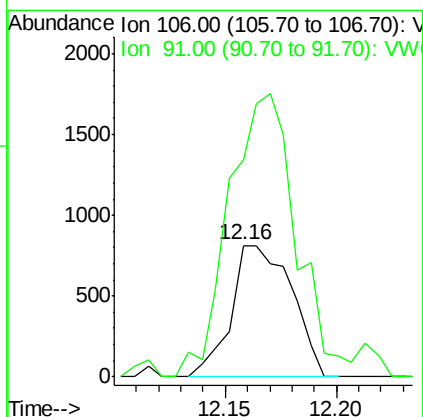
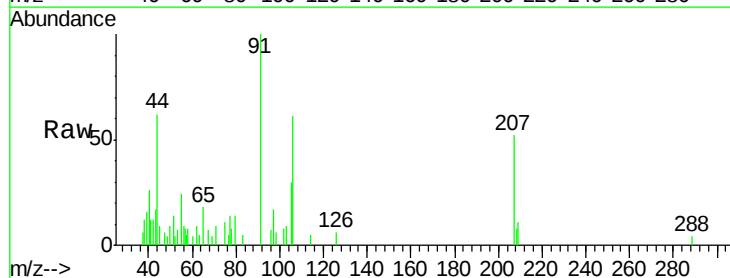
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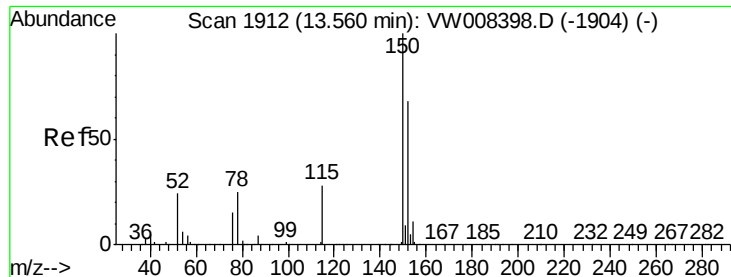
Tot Ion:106 Resp: 3822
Ion Ratio Lower Upper
106 100
91 193.7 162.9 244.3



#69
o-Xylene
Concen: 2.838 ug/l
RT: 12.16 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW008580.D
Acq: 08 Feb 2019 17:55

Tgt Ion:106 Resp: 1536
Ion Ratio Lower Upper
106 100
91 239.6 107.5 322.4



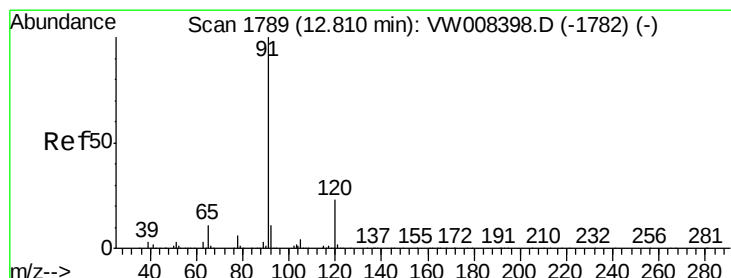
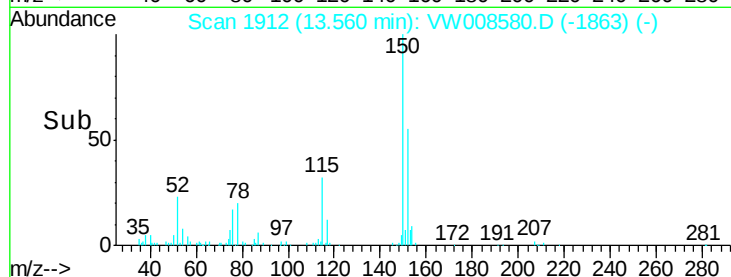
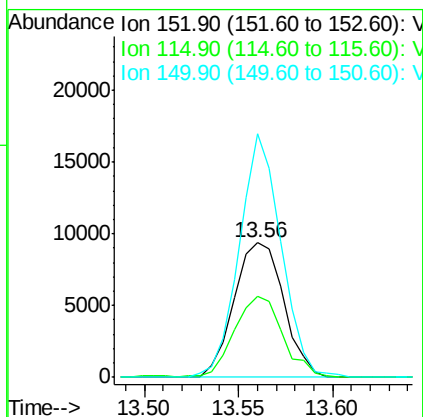
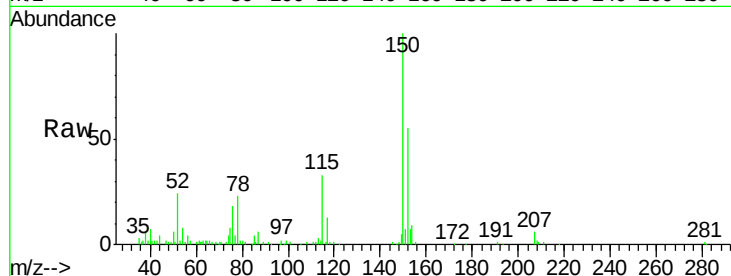


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008580.D
Acq: 08 Feb 2019 17:55

Instrument :
MSVOA_W
ClientSampleId :
OR-03-020719-B

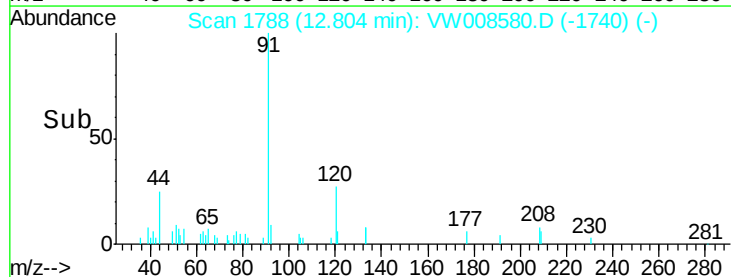
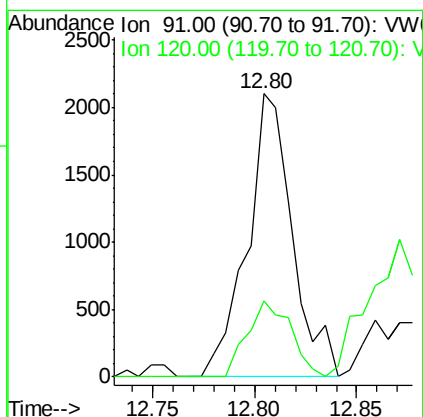
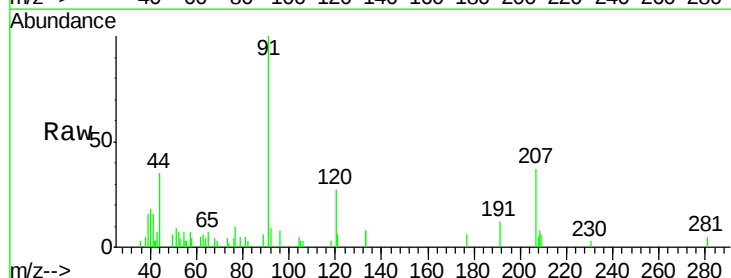
Tot Ion:152 Resp: 17093
Ion Ratio Lower Upper
152 100
115 58.3 29.9 89.7
150 152.8 0.0 351.4

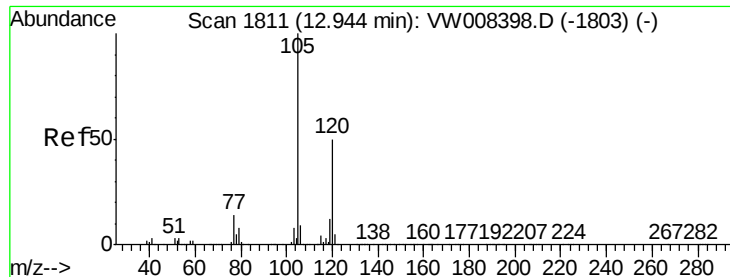


#78

n-propylbenzene
Concen: 2.116 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.01 min
Lab File: VW008580.D
Acq: 08 Feb 2019 17:55

Tgt Ion: 91 Resp: 3238
Ion Ratio Lower Upper
91 100
120 25.8 11.4 34.1

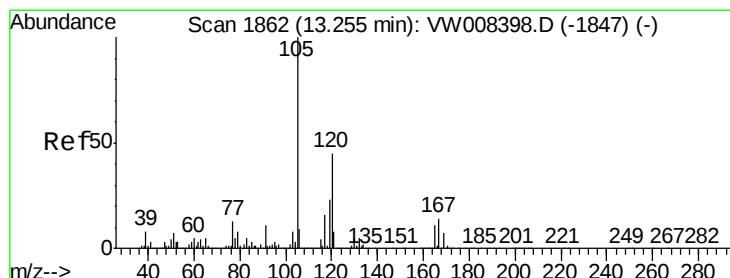
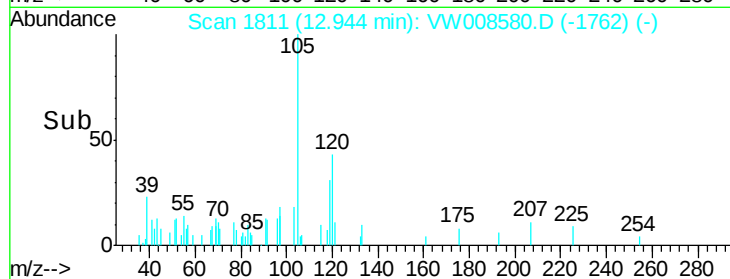
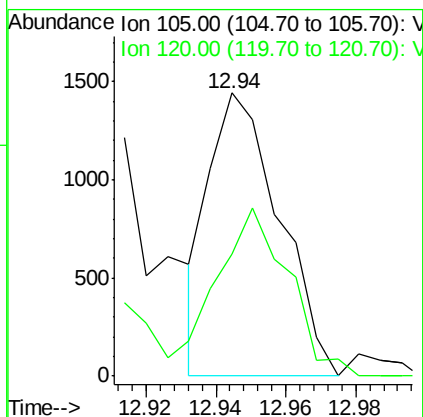
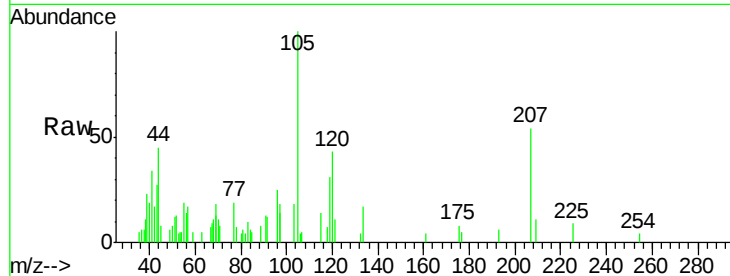




#80
 1,3,5-Trimethylbenzene
 Concen: 1.894 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW008580.D
 Acq: 08 Feb 2019 17:55

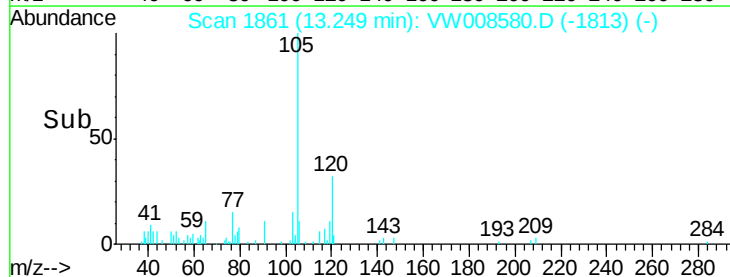
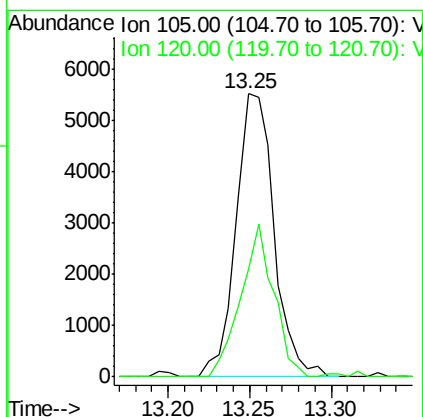
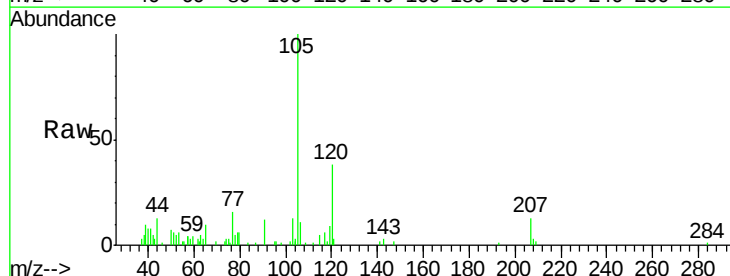
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-020719-B

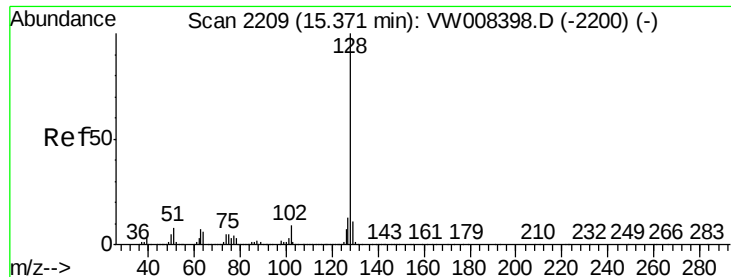
Tot Ion:105 Resp: 2017
 Ion Ratio Lower Upper
 105 100
 120 61.1 24.6 73.8



#84
 1,2,4-Trimethylbenzene
 Concen: 8.298 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VW008580.D
 Acq: 08 Feb 2019 17:55

Tgt Ion:105 Resp: 8983
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.1 69.2





#95

Naphthalene

Concen: 27.227 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW008580.D

Acq: 08 Feb 2019 17:55

Instrument :

MSVOA_W

ClientSampleId :

OR-03-020719-B

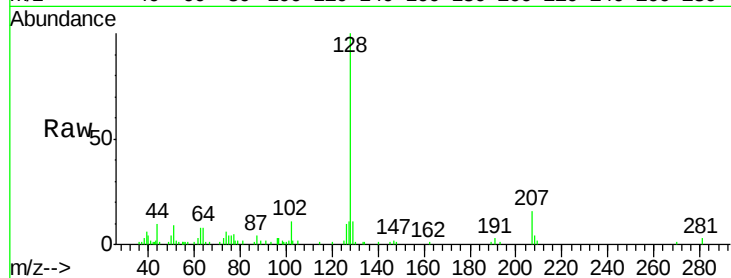
Tot Ion:128 Resp: 16966

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

129 11.4 8.7 13.1



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

