

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020819\
 Data File : VW008579.D
 Acq On : 08 Feb 2019 17:28
 Operator : SY/VA
 Sample : K1349-01
 Misc : 7.03G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Feb 09 01:27:25 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

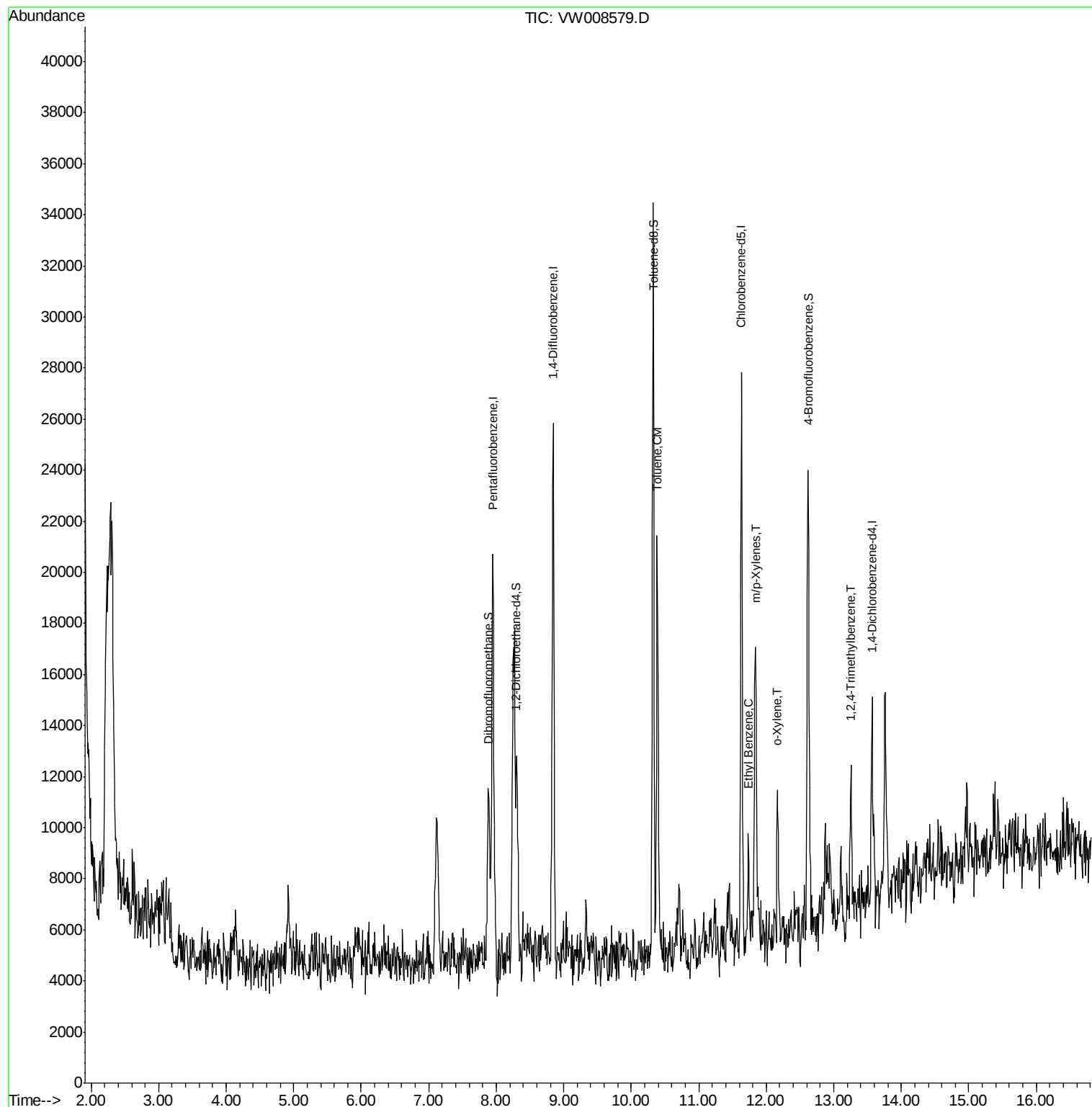
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	10793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	15581	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	12058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	2472	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	5518	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
35) Dibromofluoromethane	7.88	113	5057	55.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.02%	
50) Toluene-d8	10.33	98	17590	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
62) 4-Bromofluorobenzene	12.62	95	4587	32.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.32%	
Target Compounds						
52) Toluene	10.38	92	6321	23.446	ug/l	96
67) Ethyl Benzene	11.73	91	2489	5.501	ug/l #	61
68) m/p-Xylenes	11.84	106	3306	18.832	ug/l	99
69) o-Xylene	12.17	106	1308	7.842	ug/l	75
84) 1,2,4-Trimethylbenzene	13.26	105	2700	17.245	ug/l	89

(#) = 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: VW008579.D

Acq: 08 Feb 2019 17:28

Instrument :

MSVOA_W

ClientSampleId :

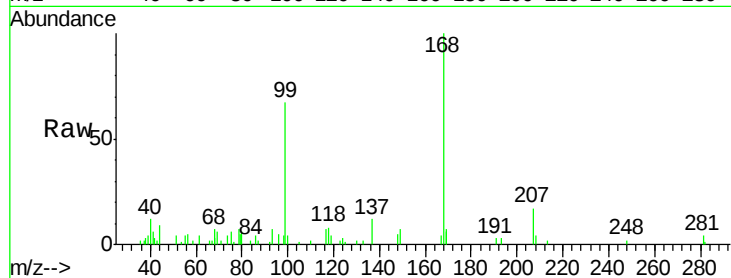
OR-03-020719-A

Tot Ion:168 Resp: 10793

Ion Ratio Lower Upper

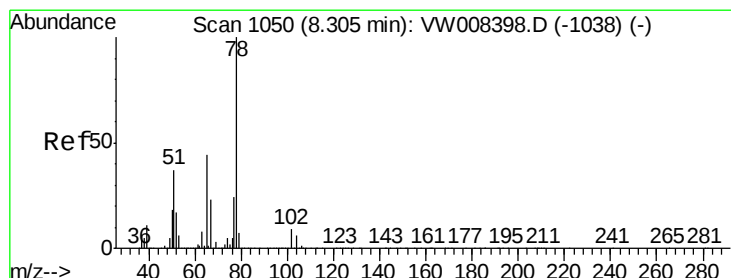
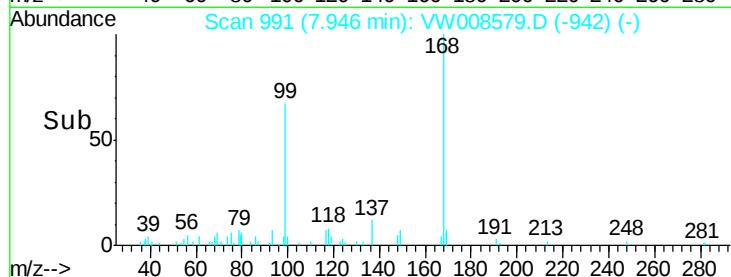
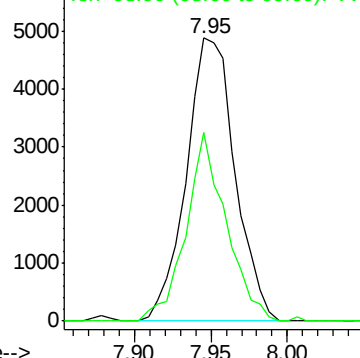
168 100

99 66.8 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 52.041 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008579.D

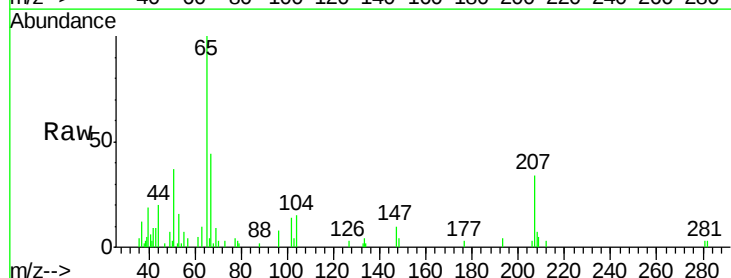
Acq: 08 Feb 2019 17:28

Tgt Ion: 65 Resp: 5518

Ion Ratio Lower Upper

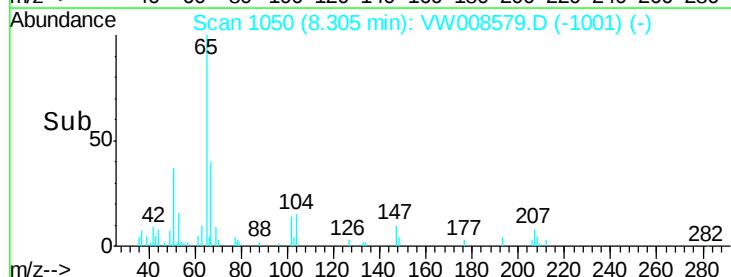
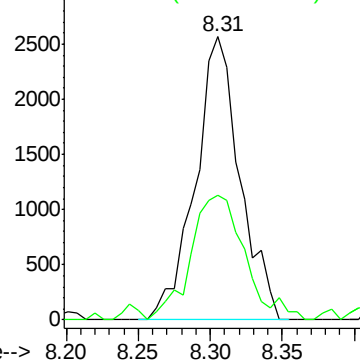
65 100

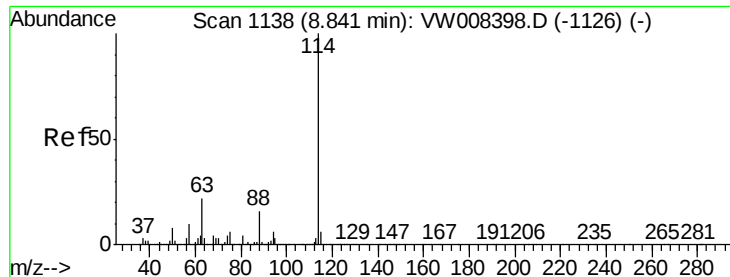
67 53.4 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

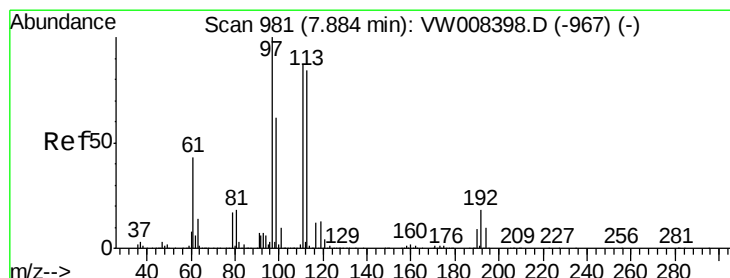
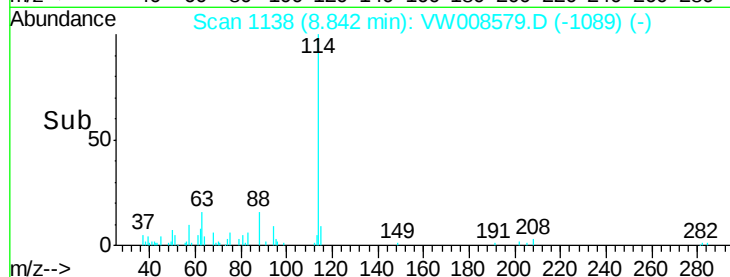
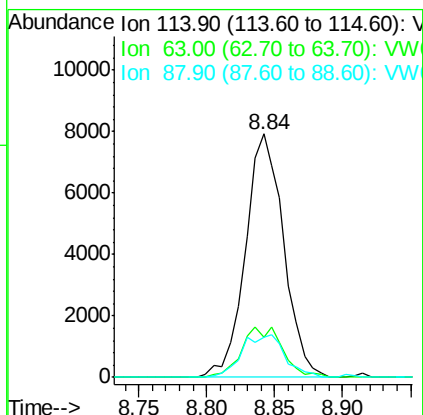
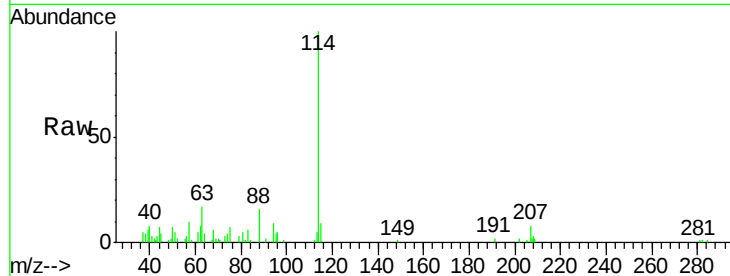




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008579.D
Acq: 08 Feb 2019 17:28

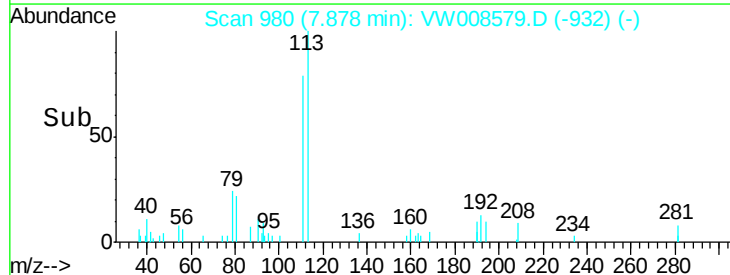
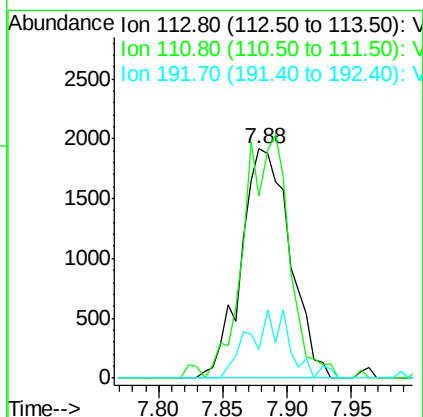
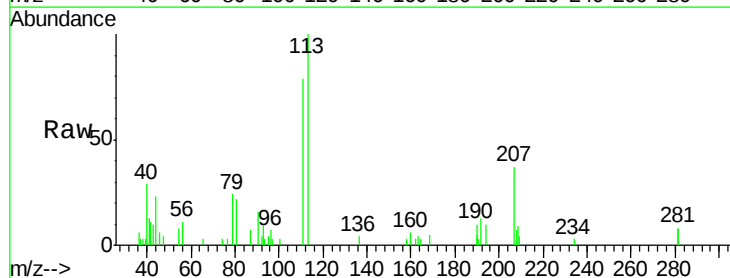
Instrument :
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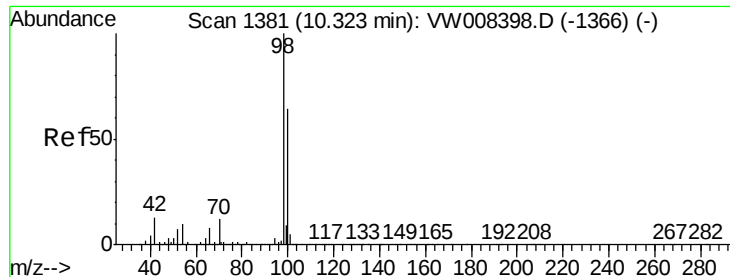
Tot Ion	Ratio	Lower	Upper
114	100		
63	16.6	0.0	43.6
88	16.3	0.0	31.8



#35
Dibromofluoromethane
Concen: 55.506 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW008579.D
Acq: 08 Feb 2019 17:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.2	81.0	121.4
192	15.0	16.8	25.2





#50

Toluene-d8

Concen: 48.146 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW008579.D

Acq: 08 Feb 2019 17:28

Instrument :

MSVOA_W

ClientSampleId :

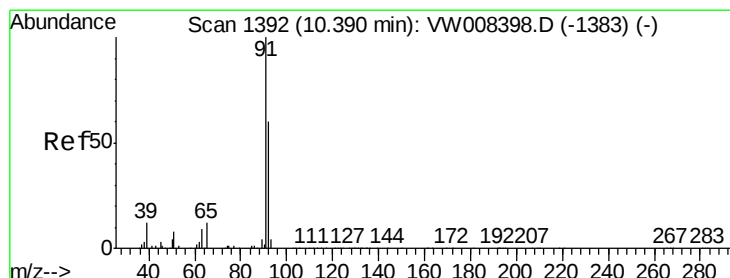
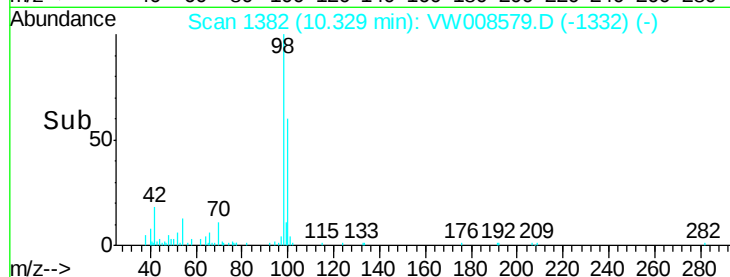
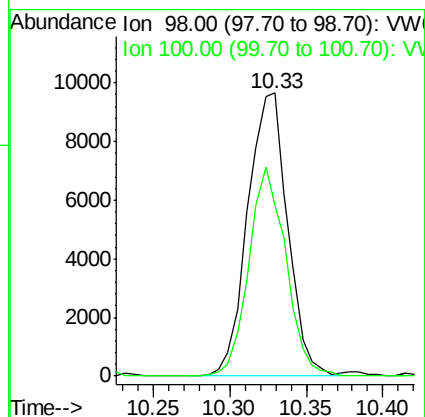
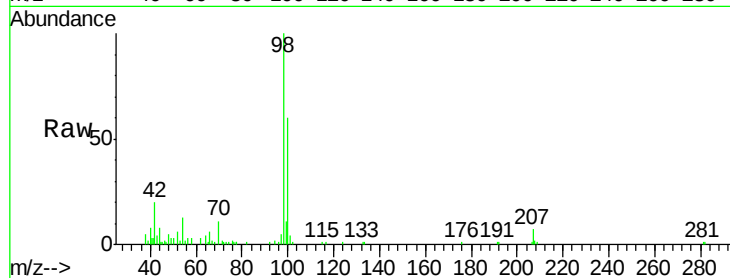
OR-03-020719-A

Tot Ion: 98 Resp: 17590

Ion Ratio Lower Upper

98 100

100 68.3 52.6 78.8



#52

Toluene

Concen: 23.446 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008579.D

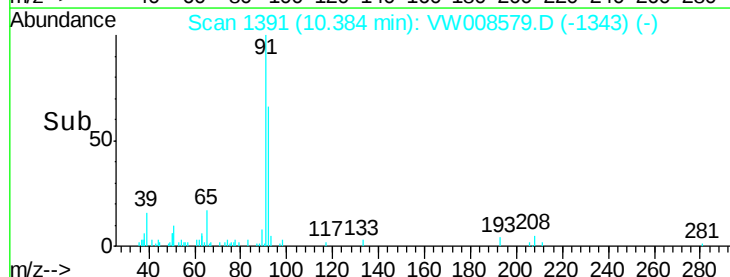
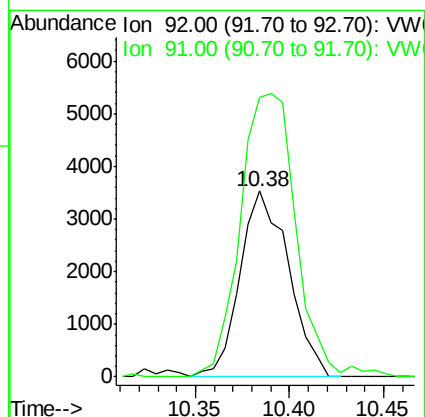
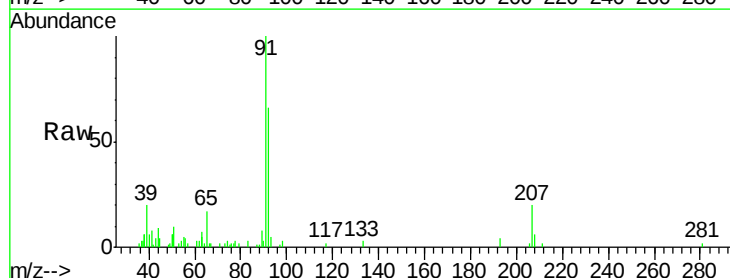
Acq: 08 Feb 2019 17:28

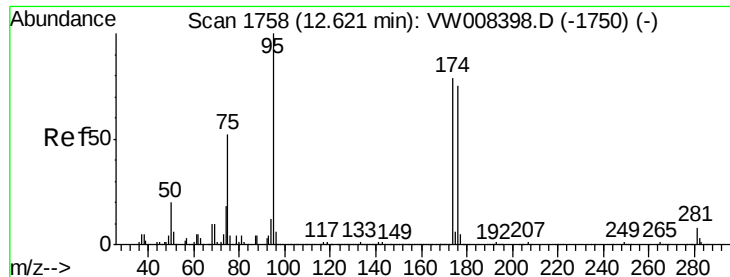
Tgt Ion: 92 Resp: 6321

Ion Ratio Lower Upper

92 100

91 175.0 135.5 203.3

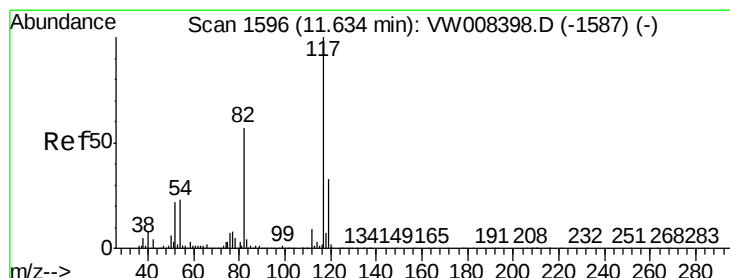
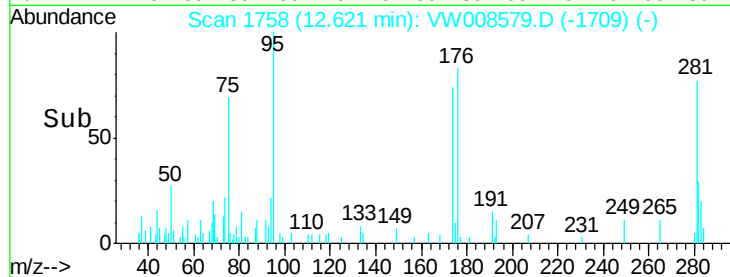
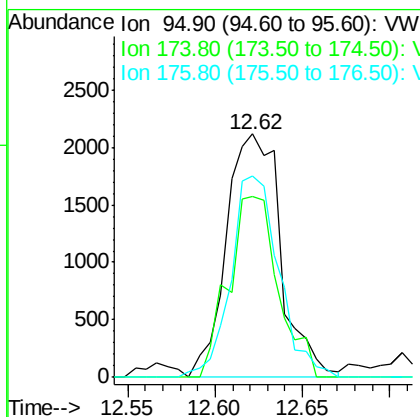
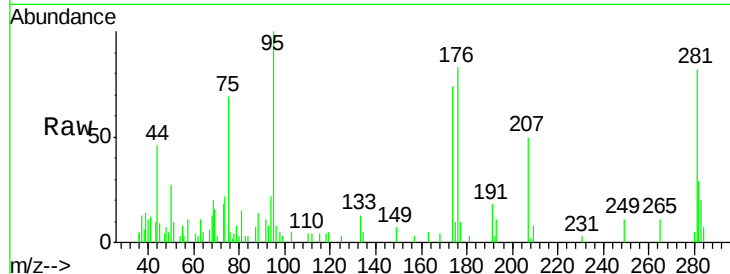




#62
4-Bromofluorobenzene
Concen: 32.663 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008579.D
Acq: 08 Feb 2019 17:28

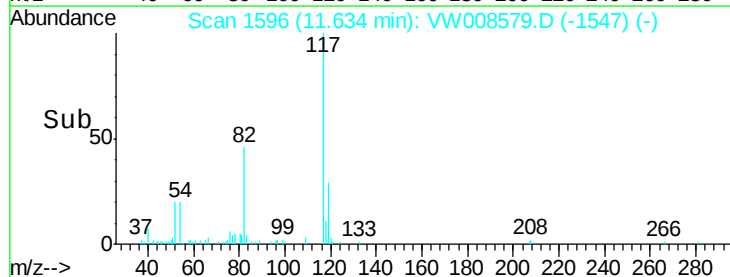
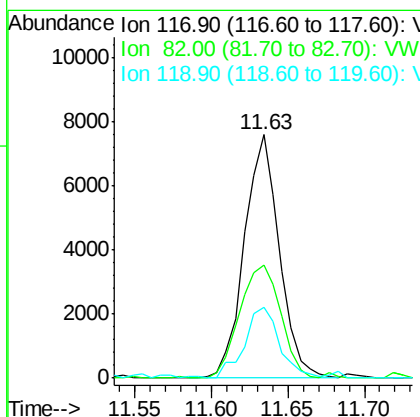
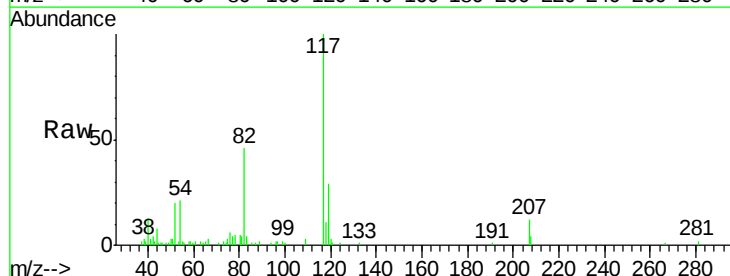
Instrument :
MSVOA_W
ClientSampleId :
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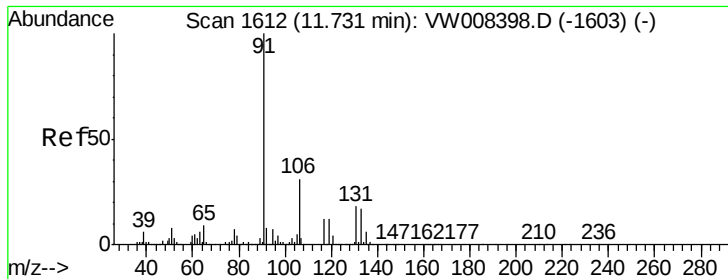
Tot Ion: 95 Resp: 4587
Ion Ratio Lower Upper
95 100
174 68.1 0.0 157.6
176 73.1 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008579.D
Acq: 08 Feb 2019 17:28

Tgt Ion: 117 Resp: 12058
Ion Ratio Lower Upper
117 100
82 46.5 45.4 68.0
119 28.0 26.2 39.4

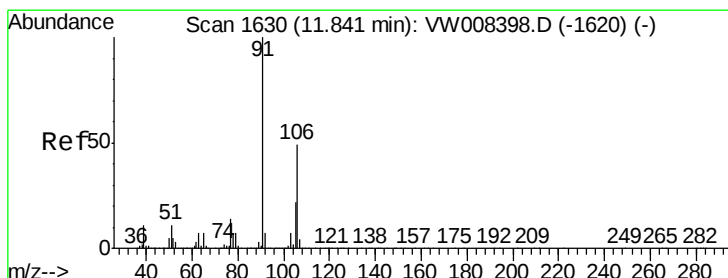
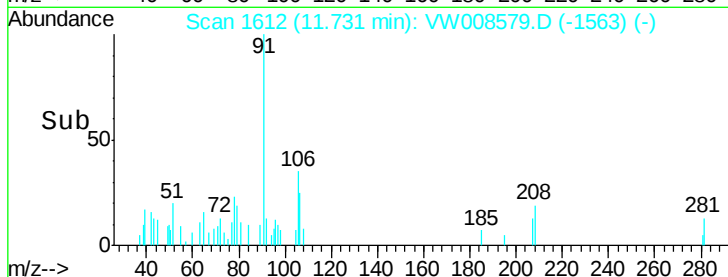
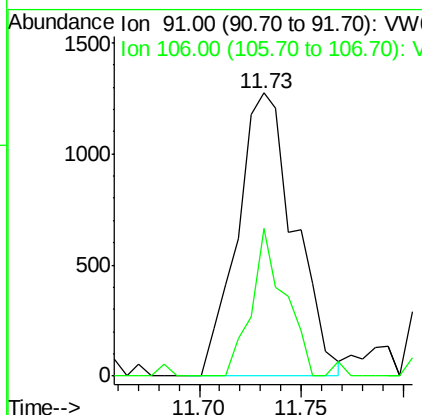
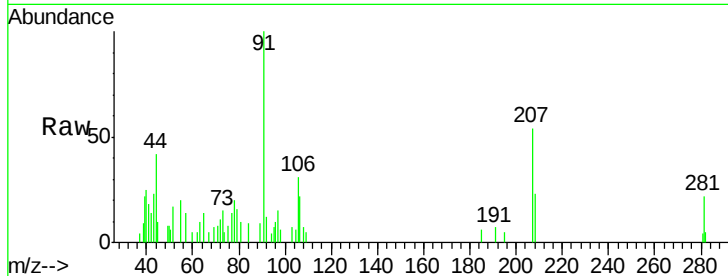




#67
Ethyl Benzene
Concen: 5.501 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008579.D
Acq: 08 Feb 2019 17:28

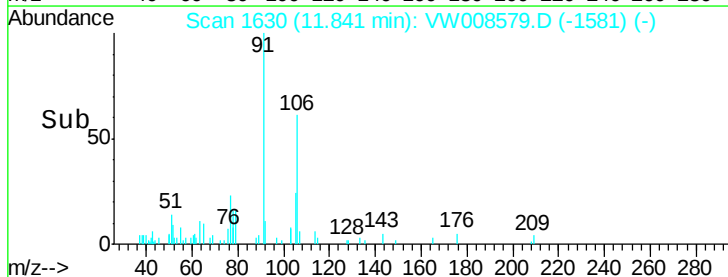
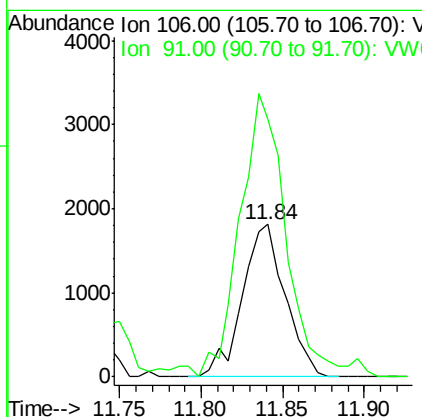
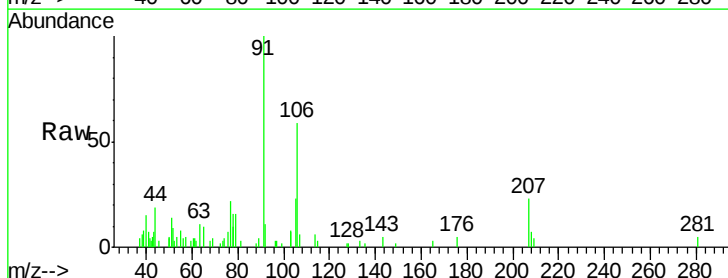
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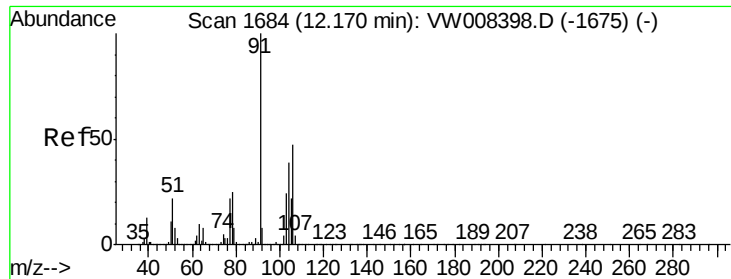
Tot Ion: 91 Resp: 2489
Ion Ratio Lower Upper
91 100
106 52.3 24.7 37.1#



#68
m/p-Xylenes
Concen: 18.832 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008579.D
Acq: 08 Feb 2019 17:28

Tgt Ion: 106 Resp: 3306
Ion Ratio Lower Upper
106 100
91 204.5 162.9 244.3

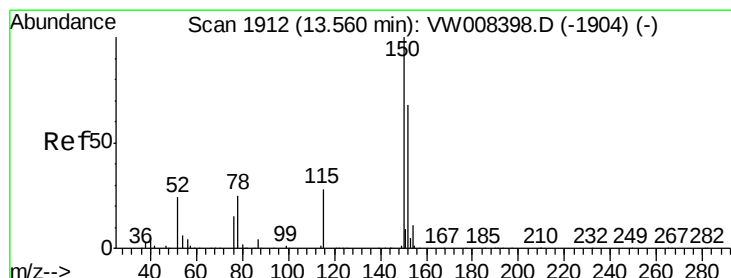
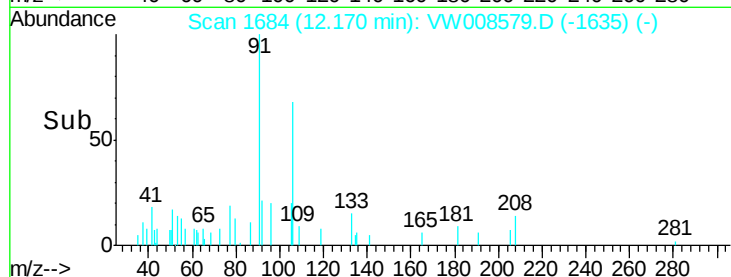
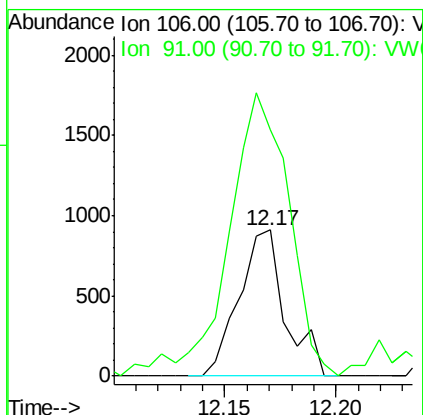
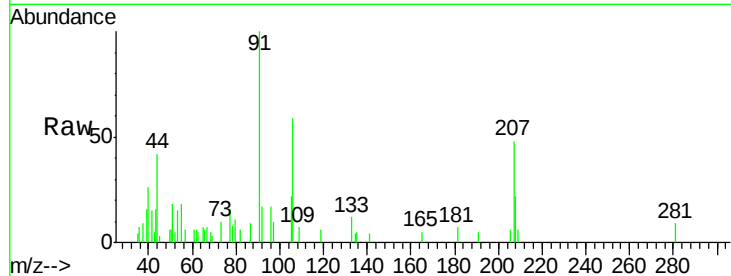




#69
o-Xylene
Concen: 7.842 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008579.D
Acq: 08 Feb 2019 17:28

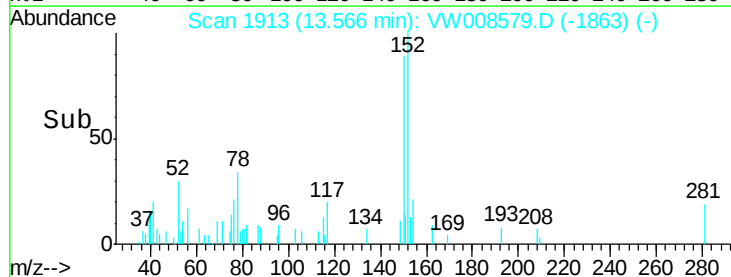
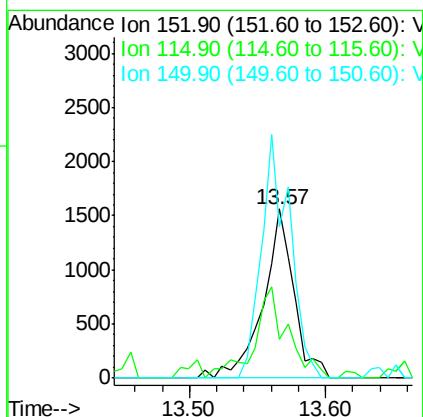
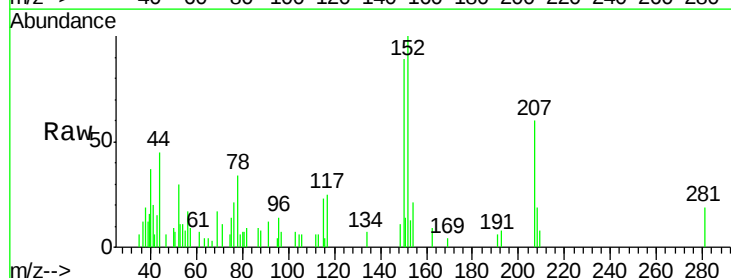
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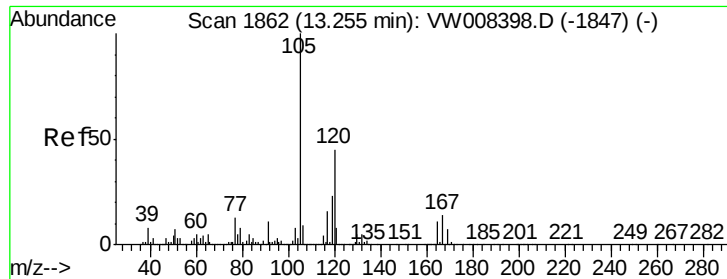
Tot Ion:106 Resp: 1308
Ion Ratio Lower Upper
106 100
91 255.1 107.5 322.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW008579.D
Acq: 08 Feb 2019 17:28

Tgt Ion:152 Resp: 2472
Ion Ratio Lower Upper
152 100
115 58.5 29.9 89.7
150 133.2 0.0 351.4





#84

1,2,4-Trimethylbenzene

Concen: 17.245 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW008579.D

Acq: 08 Feb 2019 17:28

Instrument :

MSVOA_W

ClientSampleId :

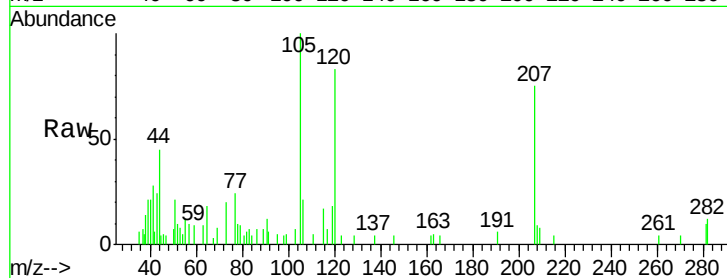
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Tot Ion:105 Resp: 2700

Ion Ratio Lower Upper

105 100

120 53.7 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

