

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121618\
 Data File : VW007478.D
 Acq On : 13 Dec 2018 10:51
 Operator : SY/AP
 Sample : J6319-09
 Misc : 4.67G/5ML/MSVOA W/SOIL
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 063_SW-E-1

Quant Time: Dec 13 11:45:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

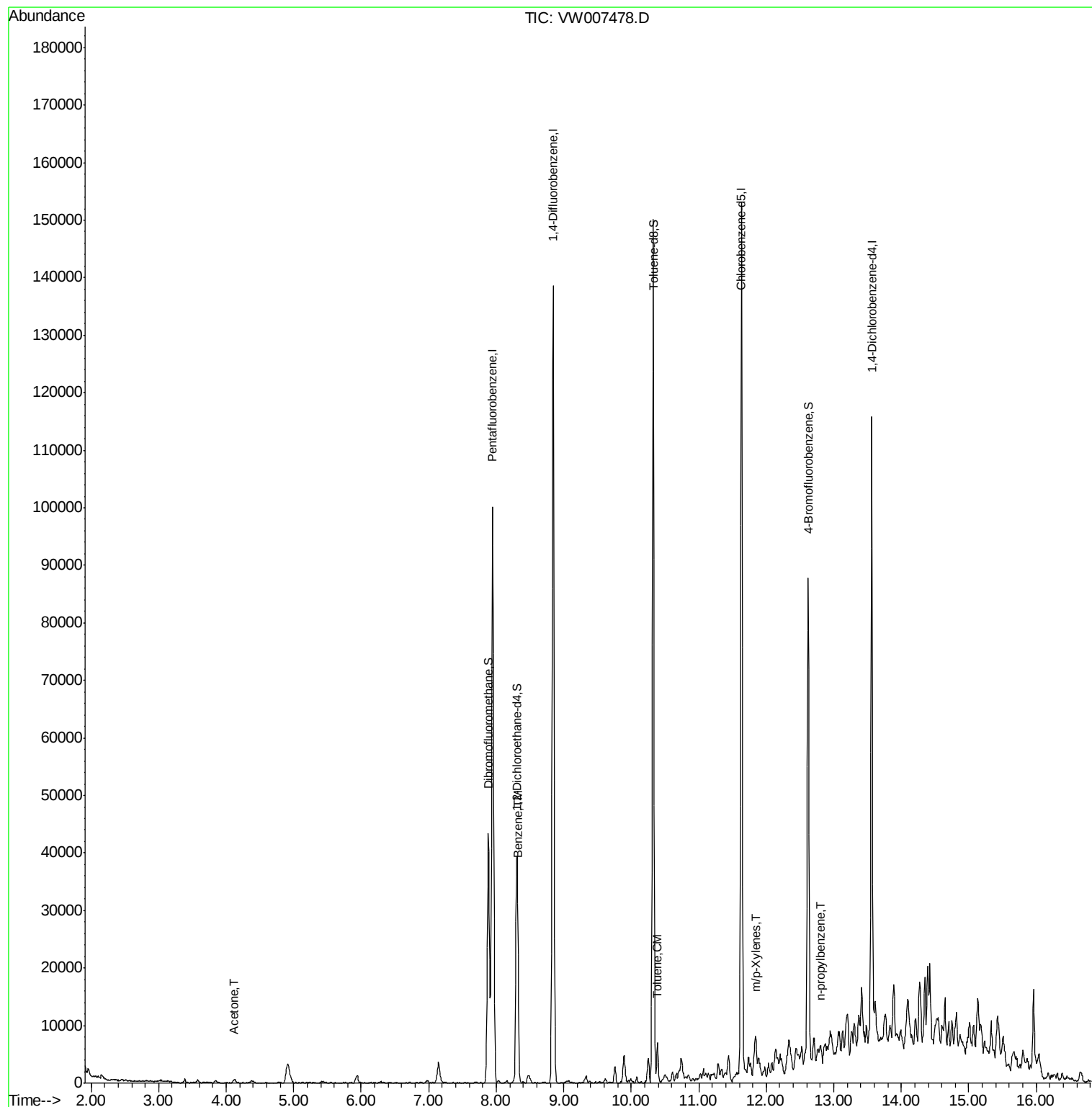
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	71900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	116667	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	86505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	28483	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	33047	41.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.86%	
35) Dibromofluoromethane	7.88	113	32175	45.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.12%	
50) Toluene-d8	10.32	98	98589	37.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.46%	
62) 4-Bromofluorobenzene	12.62	95	28724	29.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.00%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	1328	9.531	ug/l	93
40) Benzene	8.32	78	3652	1.236	ug/l	98
52) Toluene	10.38	92	3151	1.649	ug/l	92
68) m/p-Xylenes	11.84	106	2228	1.849	ug/l	97
78) n-propylbenzene	12.81	91	2551	1.039	ug/l	95

(#) = 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. -0.01 min

Lab File: VW007478.D

Acq: 13 Dec 2018 10:51

Instrument :

MSVOA_W

ClientSampleId :

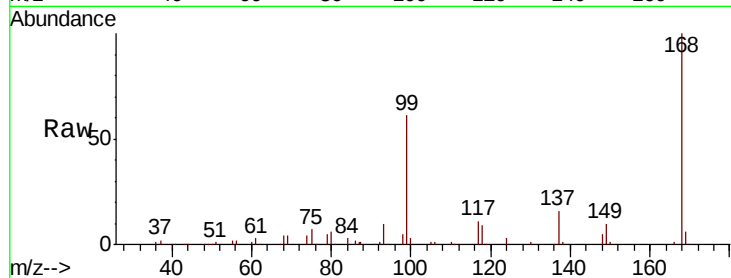
063_SW-E-1

Tot Ion:168 Resp: 71900

Ion Ratio Lower Upper

168 100

99 60.5 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

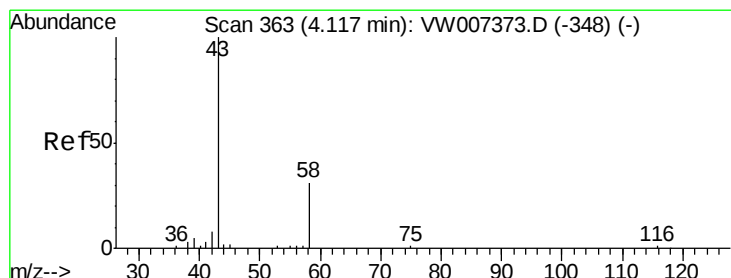
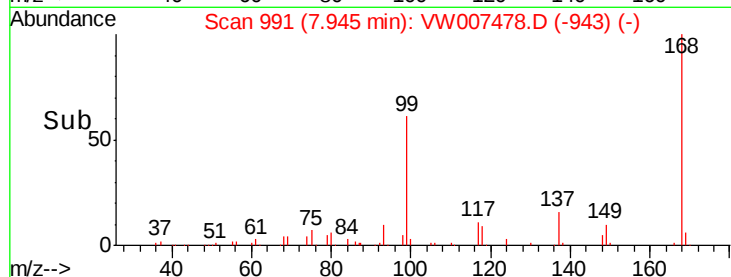
20000

10000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 9.531 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW007478.D

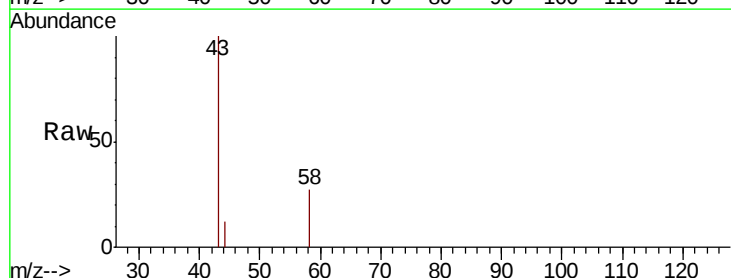
Acq: 13 Dec 2018 10:51

Tgt Ion: 43 Resp: 1328

Ion Ratio Lower Upper

43 100

58 27.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

500

400

300

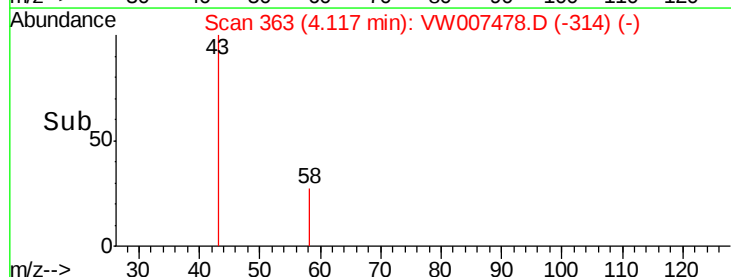
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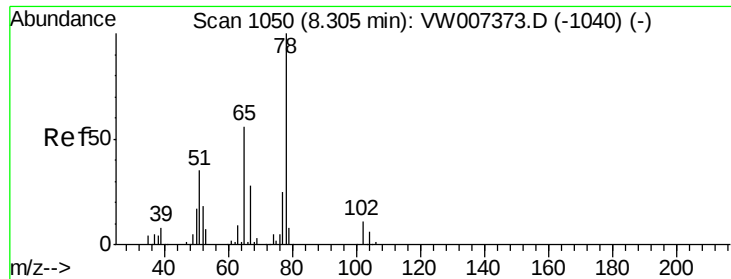
100

0

Time-->

4.05 4.10 4.15 4.20





#33

1,2-Dichloroethane-d4

Concen: 41.429 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW007478.D

Acq: 13 Dec 2018 10:51

Instrument :

MSVOA_W

ClientSampleId :

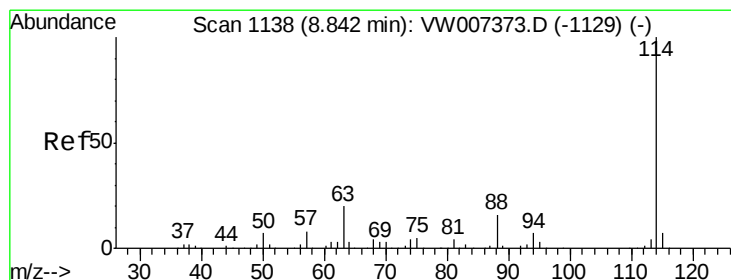
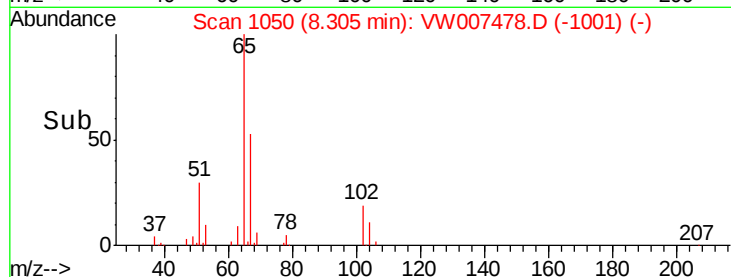
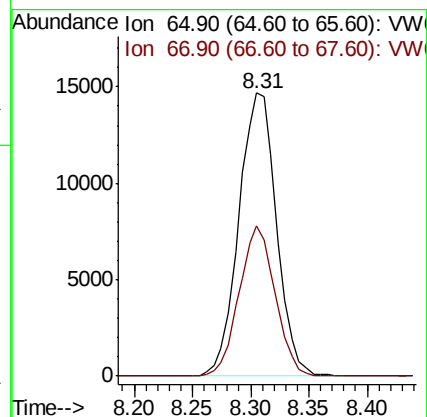
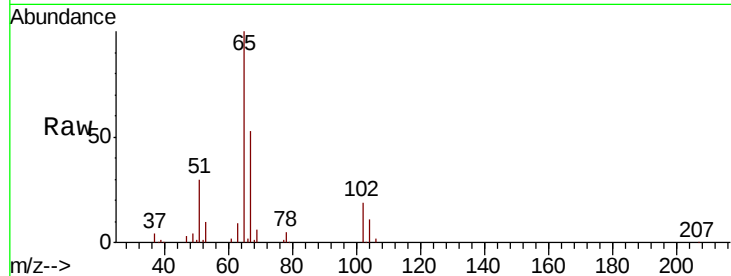
063_SW-E-1

Tot Ion: 65 Resp: 33047

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW007478.D

Acq: 13 Dec 2018 10:51

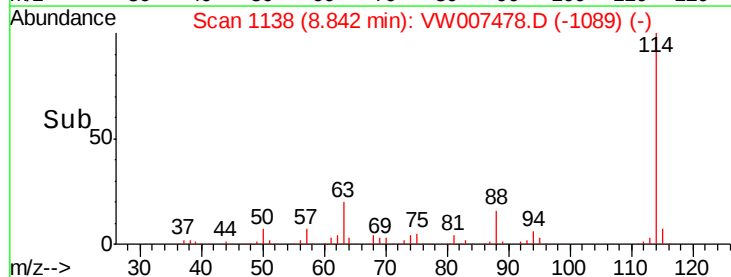
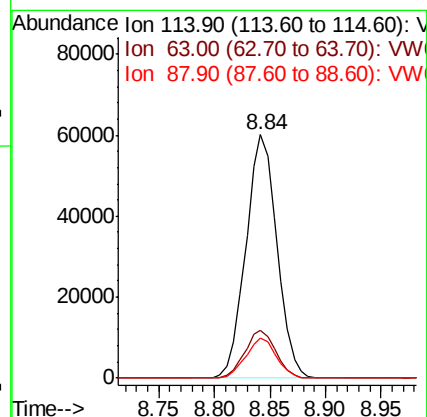
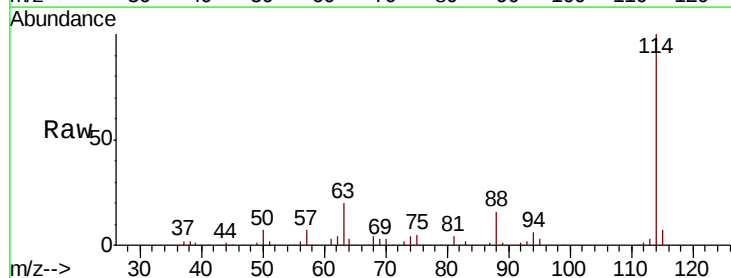
Tgt Ion: 114 Resp: 116667

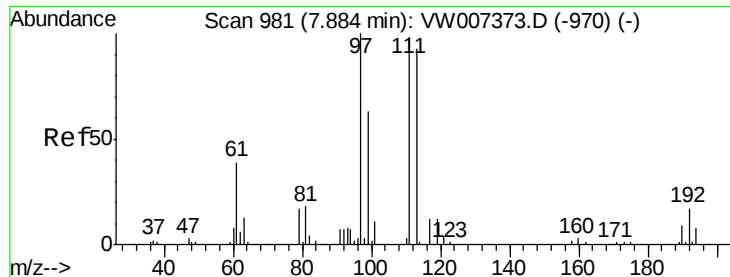
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 16.3 0.0 31.4

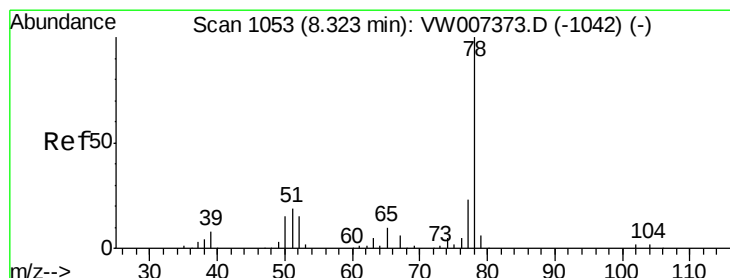
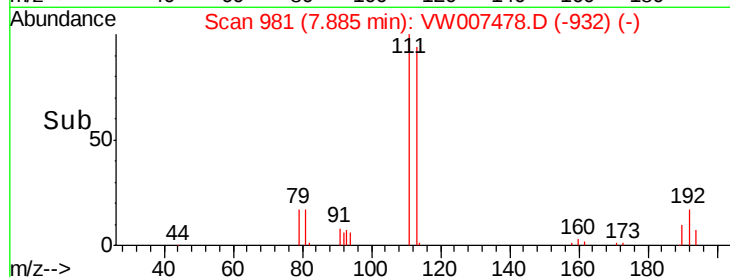
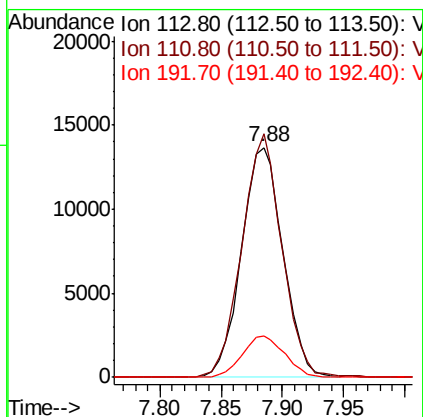
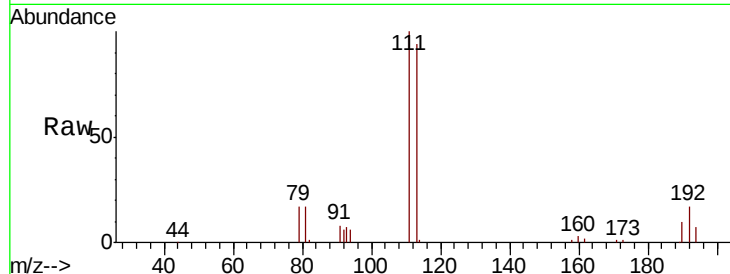




#35
 Dibromofluoromethane
 Concen: 45.559 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007478.D
 Acq: 13 Dec 2018 10:51

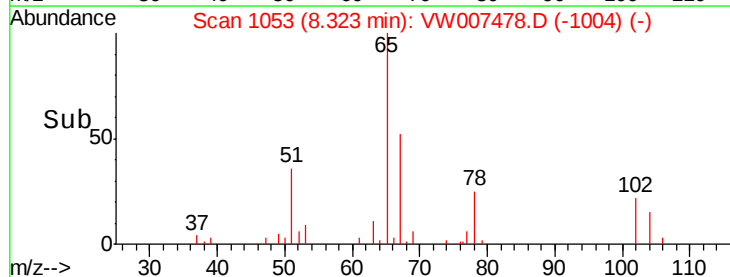
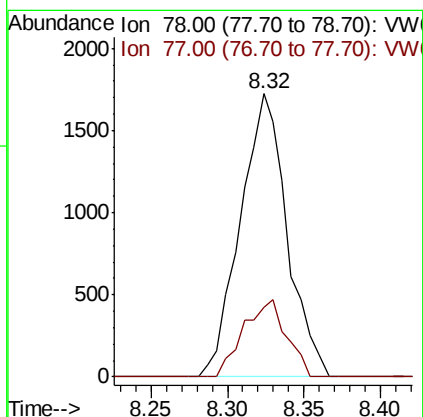
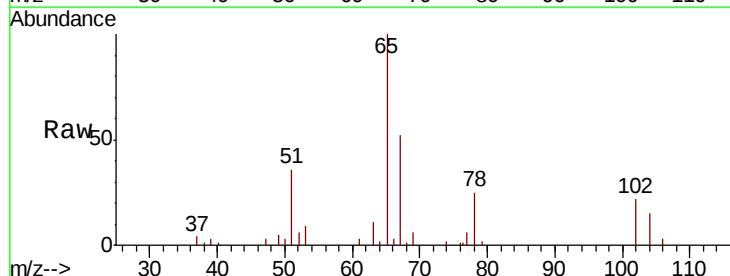
Instrument :
 MSVOA_W
 ClientSampleId :
 063_SW-E-1

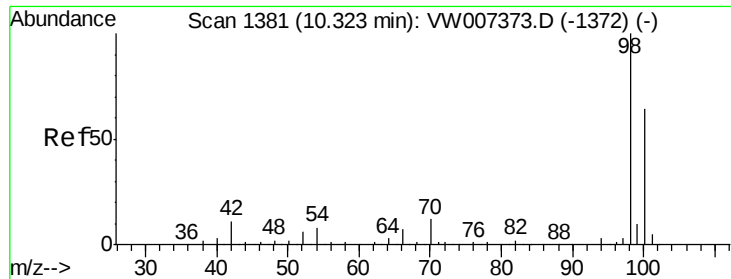
Tot Ion:113 Resp: 32175
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.1 121.7
 192 18.2 14.6 21.8



#40
 Benzene
 Concen: 1.236 ug/l
 RT: 8.32 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VW007478.D
 Acq: 13 Dec 2018 10:51

Tgt Ion: 78 Resp: 3652
 Ion Ratio Lower Upper
 78 100
 77 24.5 18.8 28.2

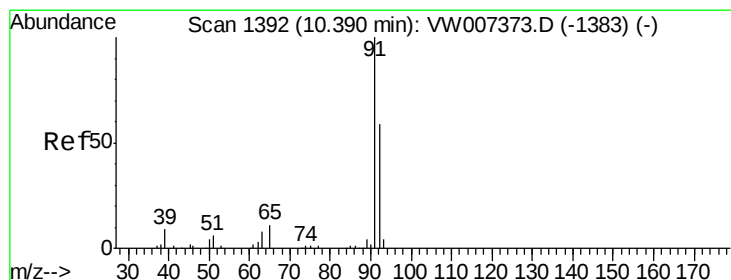
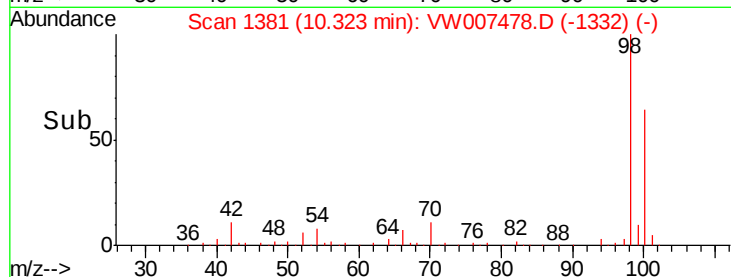
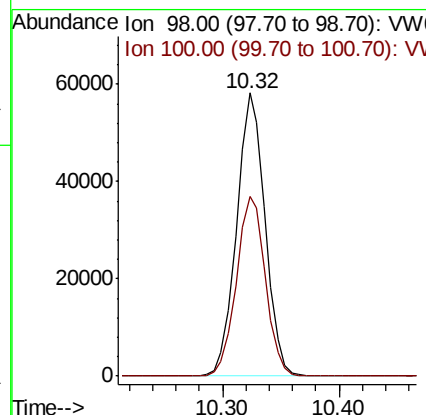
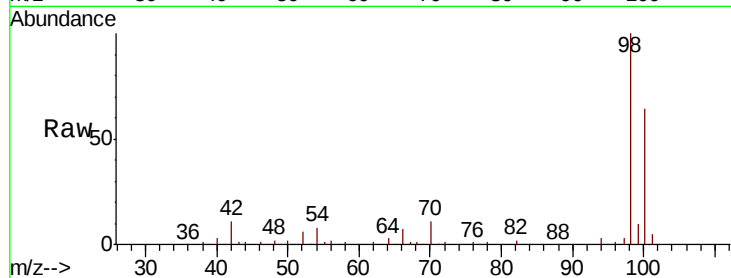




#50
Toluene-d8
Concen: 37.232 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007478.D
Acq: 13 Dec 2018 10:51

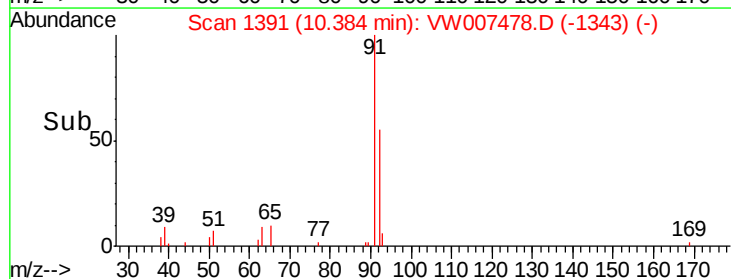
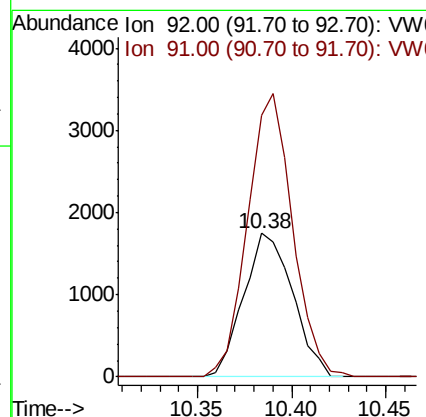
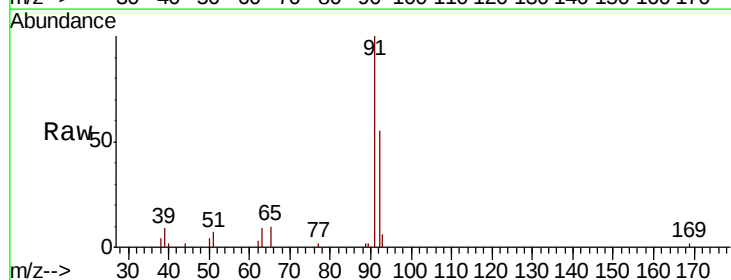
Instrument :
MSVOA_W
ClientSampleId :
063_SW-E-1

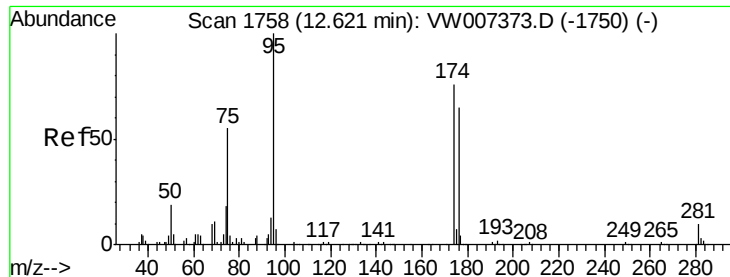
Tot Ion: 98 Resp: 98589
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.8



#52
Toluene
Concen: 1.649 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW007478.D
Acq: 13 Dec 2018 10:51

Tgt Ion: 92 Resp: 3151
Ion Ratio Lower Upper
92 100
91 180.7 136.2 204.2

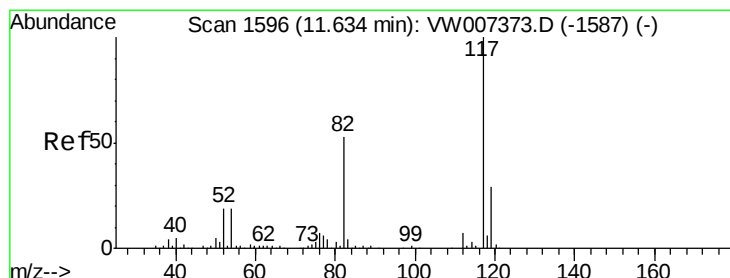
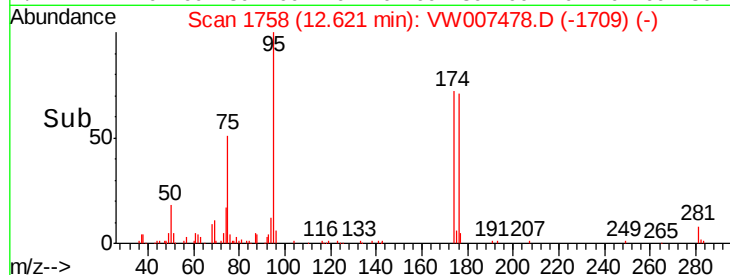
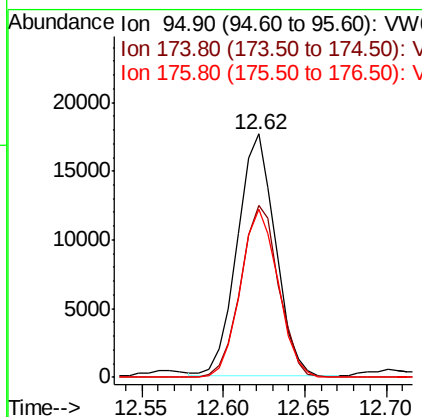
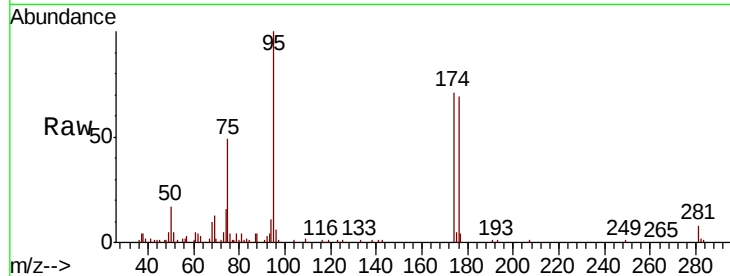




#62
4-Bromofluorobenzene
Concen: 29.503 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007478.D
Acq: 13 Dec 2018 10:51

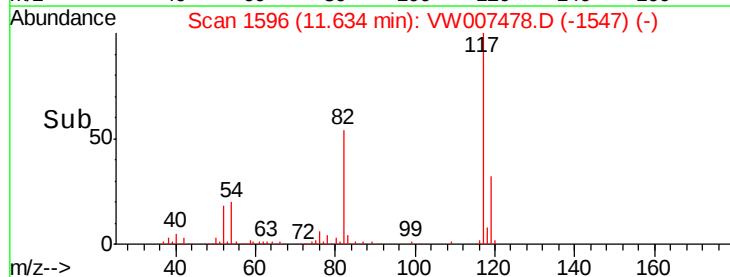
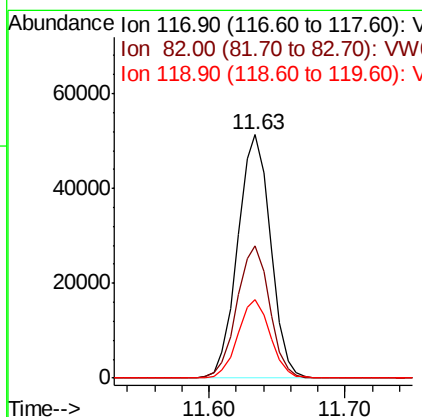
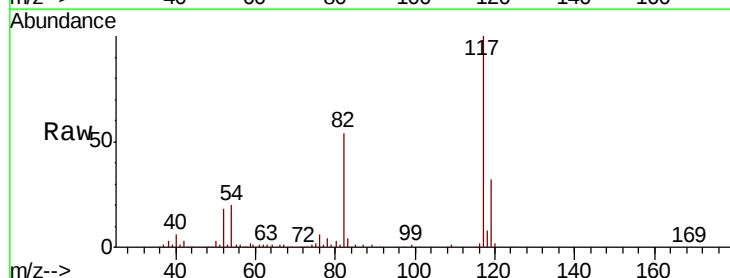
Instrument :
MSVOA_W
ClientSampleId :
063_SW-E-1

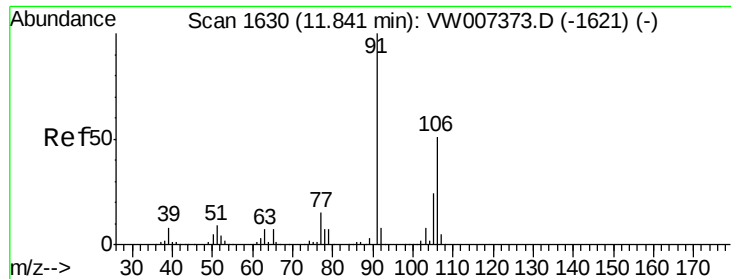
Tot Ion: 95 Resp: 28724
Ion Ratio Lower Upper
95 100
174 70.6 0.0 147.2
176 68.2 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007478.D
Acq: 13 Dec 2018 10:51

Tgt Ion: 117 Resp: 86505
Ion Ratio Lower Upper
117 100
82 54.2 42.3 63.5
119 31.9 23.0 34.6

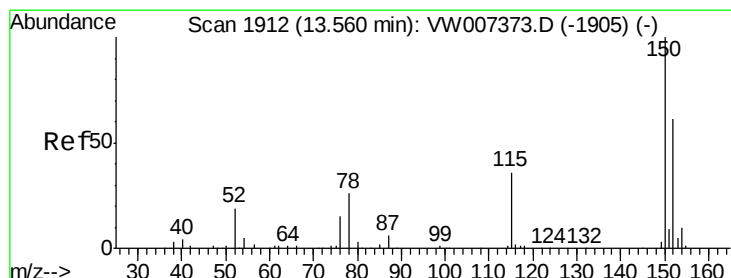
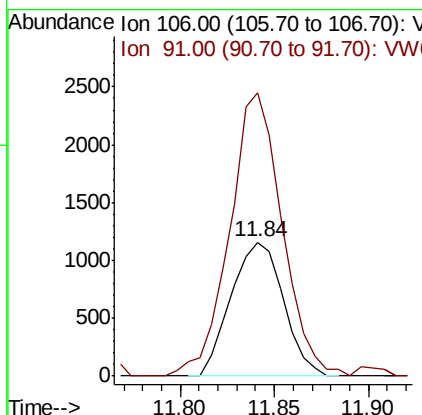
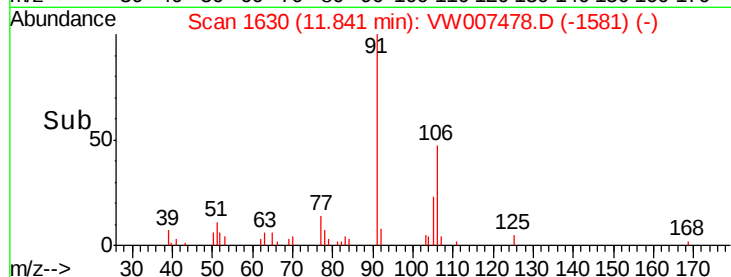
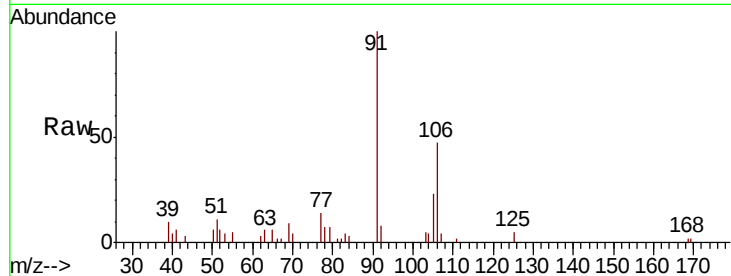




#68
m/p-Xvlenes
Concen: 1.849 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007478.D
Acq: 13 Dec 2018 10:51

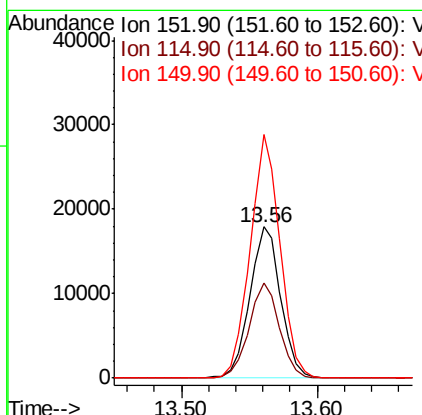
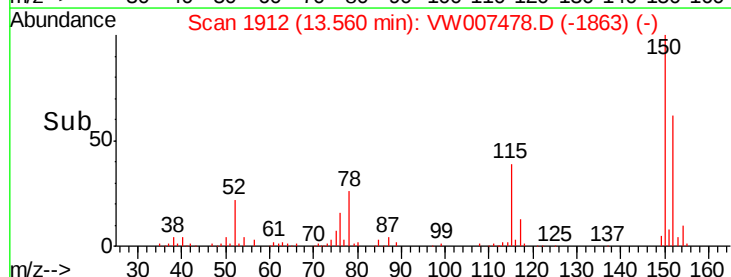
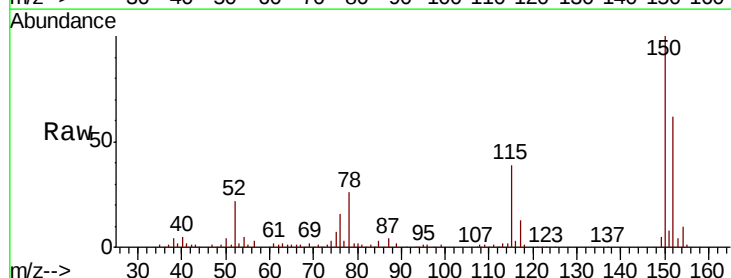
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063_SW-E-1

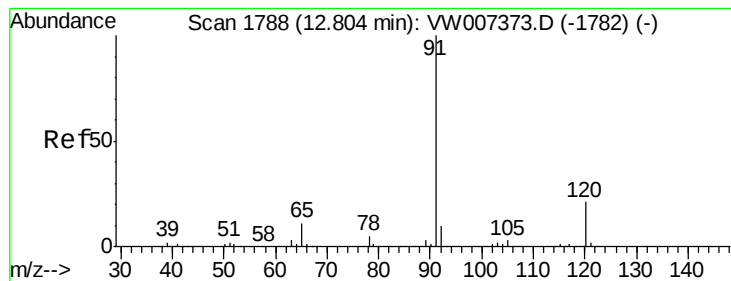
Tot Ion:106 Resp: 2228
Ion Ratio Lower Upper
106 100
91 211.9 165.3 247.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007478.D
Acq: 13 Dec 2018 10:51

Tgt Ion:152 Resp: 28483
Ion Ratio Lower Upper
152 100
115 61.6 31.4 94.2
150 155.5 0.0 358.4





#78

n-propylbenzene

Concen: 1.039 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW007478.D

Acq: 13 Dec 2018 10:51

Instrument :

MSVOA_W

ClientSampleId :

063_SW-E-1

Tot Ion: 91 Resp: 2551

Ion Ratio Lower Upper

91 100

120 21.2 11.9 35.5

