

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061319\
 Data File : VW010794.D
 Acq On : 13 Jun 2019 13:35
 Operator : SY/VA
 Sample : K3343-02RE
 Misc : 4.67G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-0D015-03-008RE

Quant Time: Jun 14 08:15:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	192468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	327685	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	288214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	129436	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	108796	47.96	ug/l	0.00
Spiked Amount			Recovery	=	95.92%	
35) Dibromofluoromethane	7.88	113	1541	0.87	ug/l	0.00
Spiked Amount			Recovery	=	1.74%	
50) Toluene-d8	10.32	98	294974	37.82	ug/l	0.00
Spiked Amount			Recovery	=	75.64%	
62) 4-Bromofluorobenzene	12.62	95	114418	40.32	ug/l	0.00
Spiked Amount			Recovery	=	80.64%	

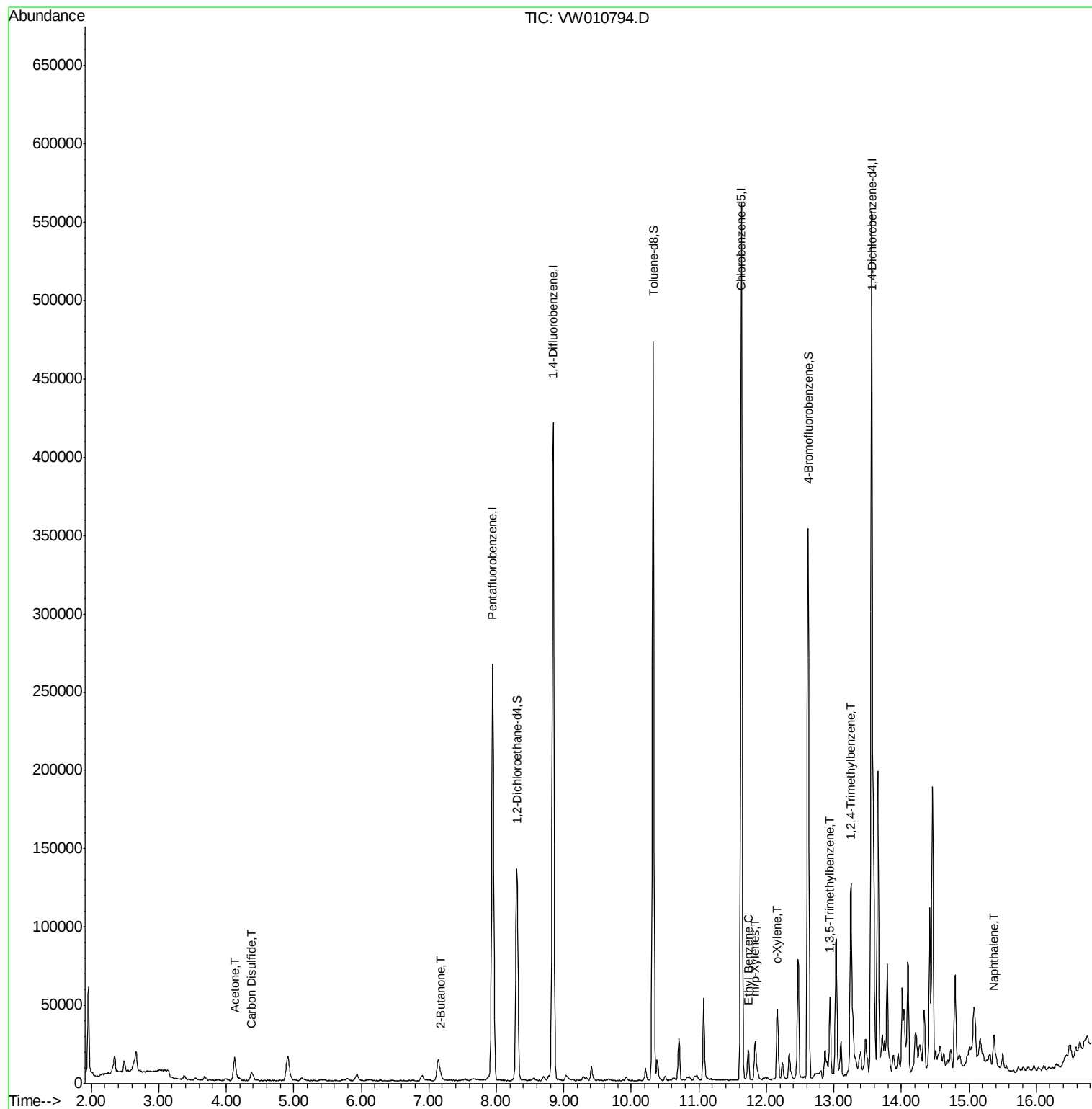
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	25645	42.189	ug/l	97
17) Carbon Disulfide	4.38	76	9172	1.552	ug/l #	94
25) 2-Butanone	7.18	43	5437	6.451	ug/l #	90
67) Ethyl Benzene	11.73	91	11717	1.076	ug/l	97
68) m/p-Xylenes	11.83	106	6716	1.722	ug/l	98
69) o-Xylene	12.16	106	8908	2.409	ug/l	91
80) 1,3,5-Trimethylbenzene	12.94	105	20539	2.580	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	64155	8.008	ug/l	99
95) Naphthalene	15.37	128	16210	3.453	ug/l	98

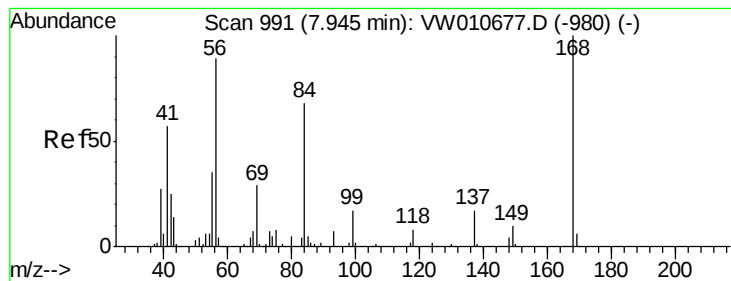
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010794.D

Acq: 13 Jun 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

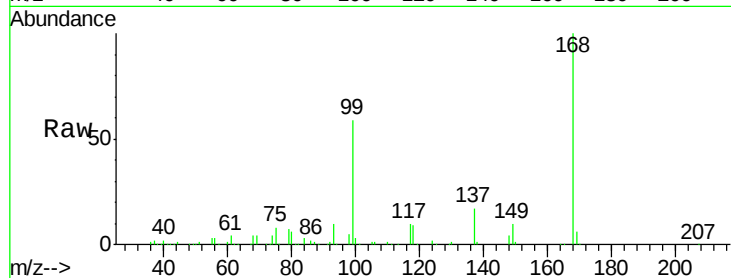
FK-0D015-03-008RE

Tot Ion:168 Resp: 192468

Ion Ratio Lower Upper

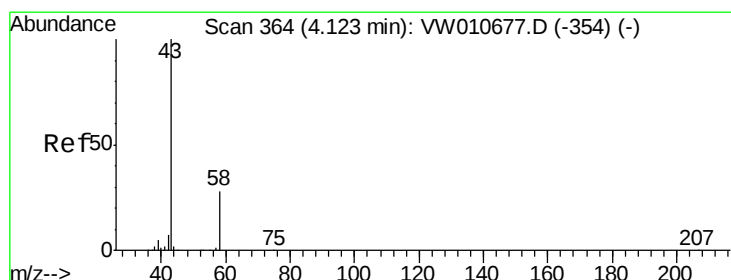
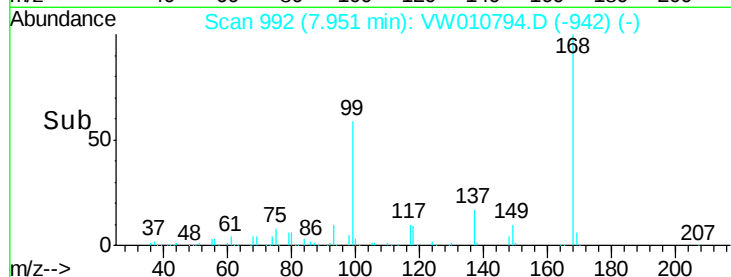
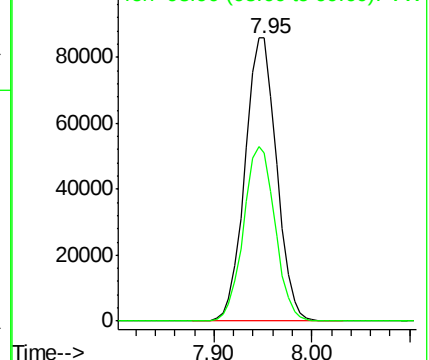
168 100

99 59.2 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 42.189 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010794.D

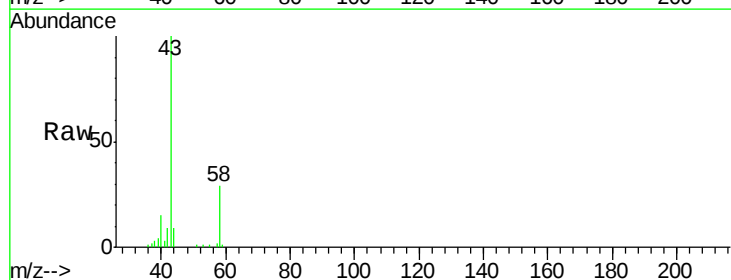
Acq: 13 Jun 2019 13:35

Tgt Ion: 43 Resp: 25645

Ion Ratio Lower Upper

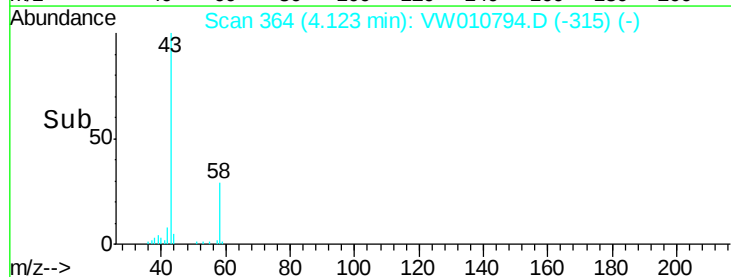
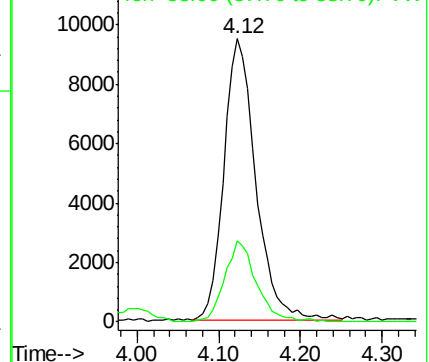
43 100

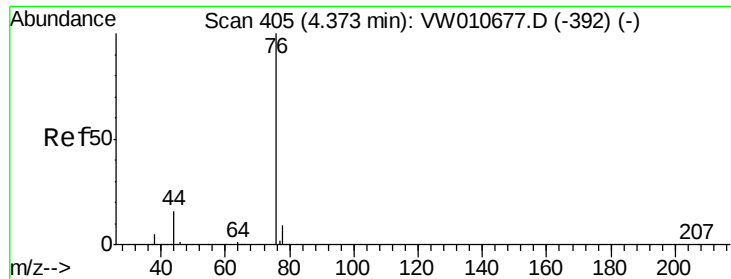
58 28.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

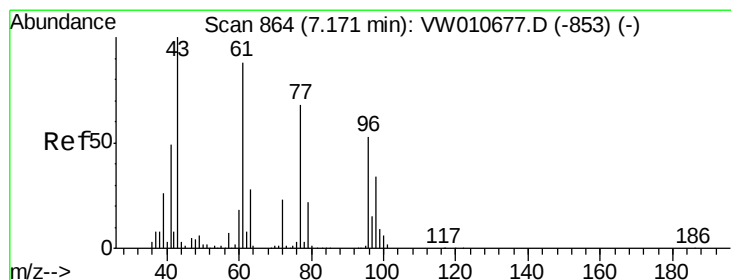
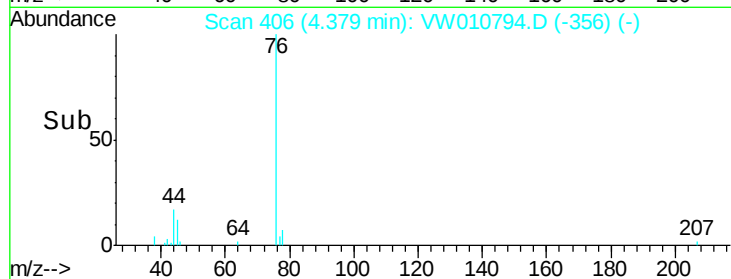
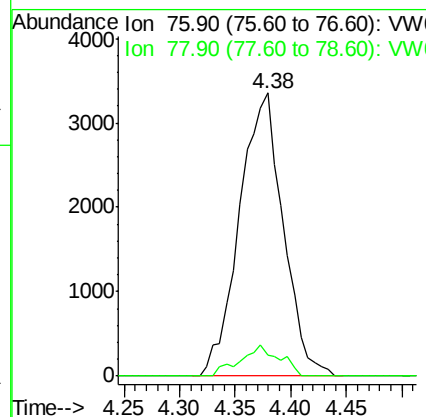
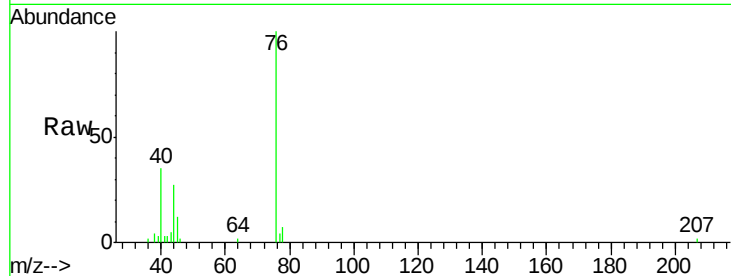




#17
Carbon Disulfide
Concen: 1.552 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW010794.D
Acq: 13 Jun 2019 13:35

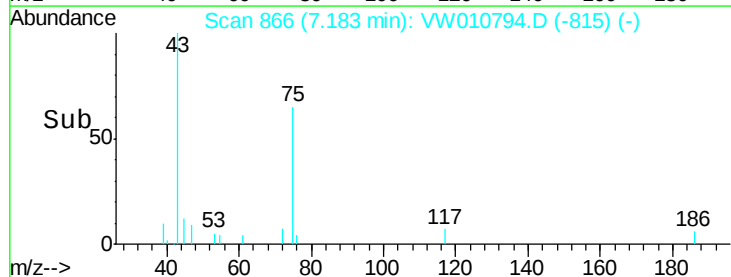
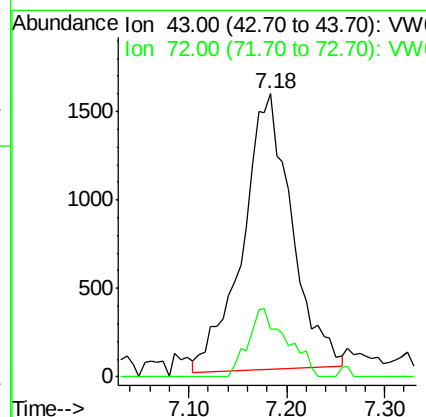
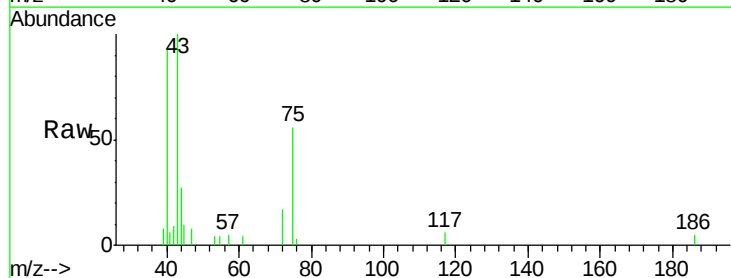
Instrument :
MSVOA_W
ClientSampleId :
FK-0D015-03-008RE

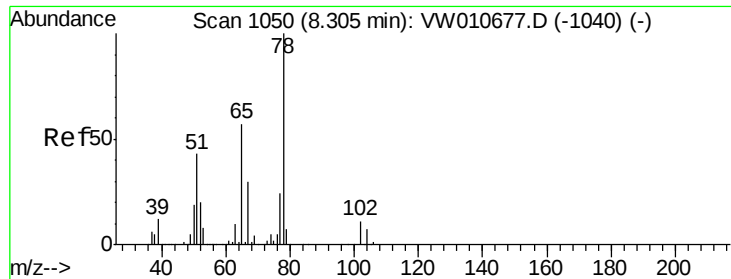
Tot Ion: 76 Resp: 9172
Ion Ratio Lower Upper
76 100
78 7.2 7.5 11.3#



#25
2-Butanone
Concen: 6.451 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW010794.D
Acq: 13 Jun 2019 13:35

Tgt Ion: 43 Resp: 5437
Ion Ratio Lower Upper
43 100
72 17.9 18.1 27.1#





#33

1,2-Dichloroethane-d4

Concen: 47.958 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010794.D

Acq: 13 Jun 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

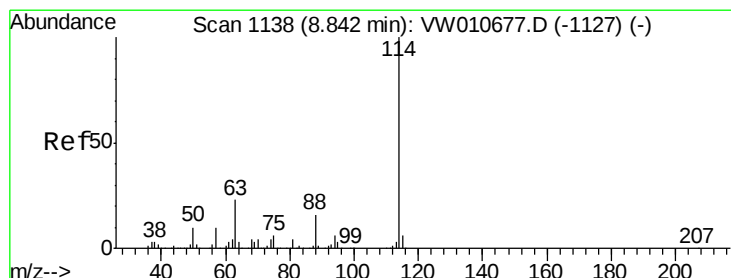
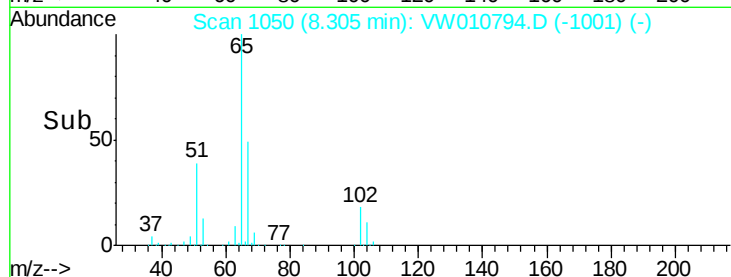
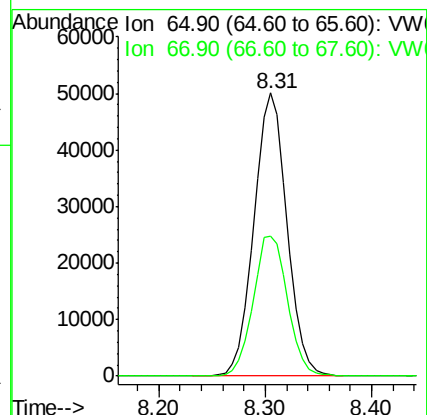
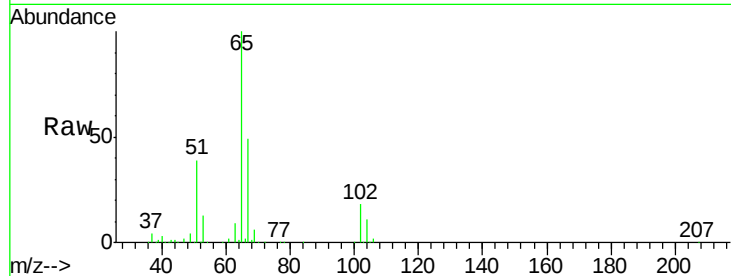
FK-0D015-03-008RE

Tot Ion: 65 Resp: 108796

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010794.D

Acq: 13 Jun 2019 13:35

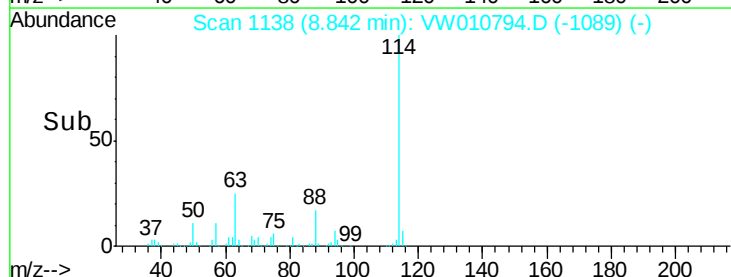
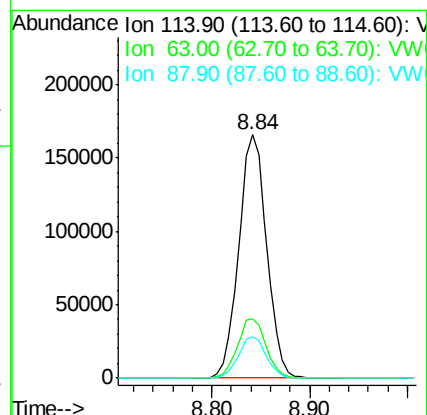
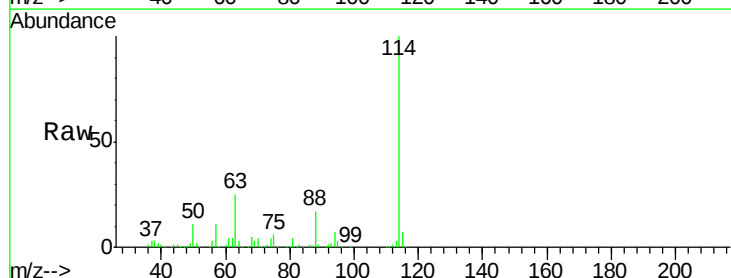
Tgt Ion: 114 Resp: 327685

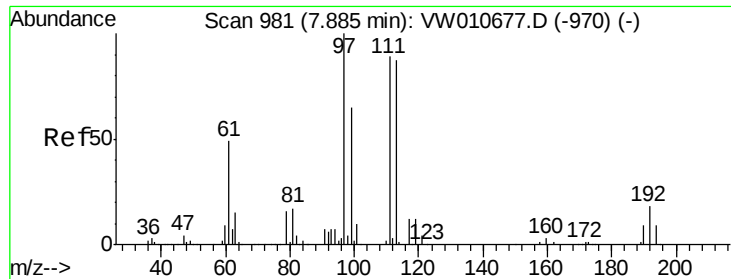
Ion Ratio Lower Upper

114 100

63 24.6 0.0 46.4

88 16.9 0.0 32.2

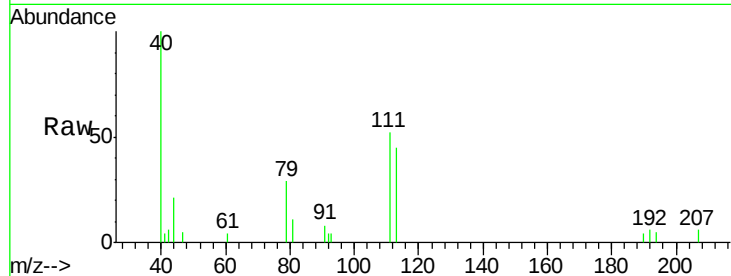




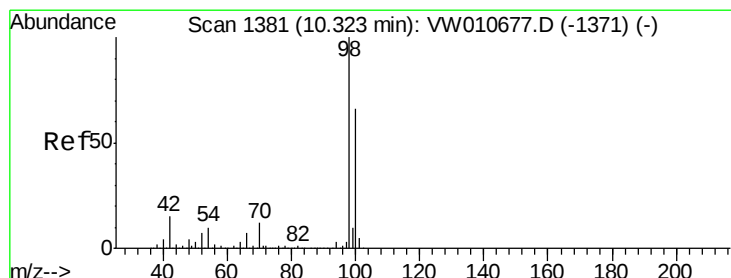
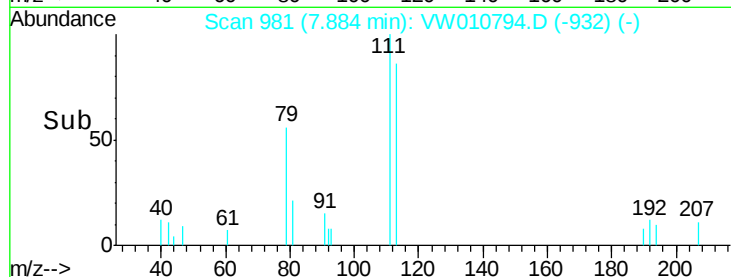
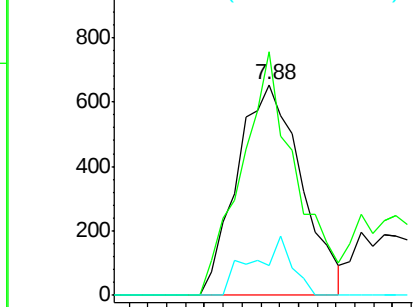
#35
Dibromofluoromethane
Concen: 0.866 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010794.D
Acq: 13 Jun 2019 13:35

Instrument :
MSVOA_W
ClientSampleId :
FK-0D015-03-008RE

Tot Ion:113 Resp: 1541
Ion Ratio Lower Upper
113 100
111 98.3 82.6 123.8
192 17.3 16.4 24.6

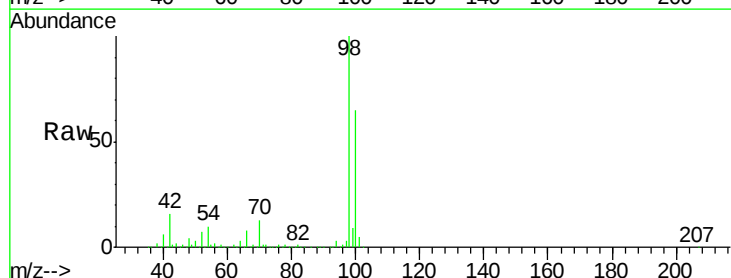


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

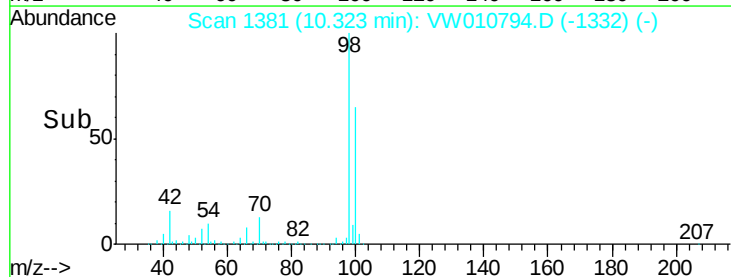
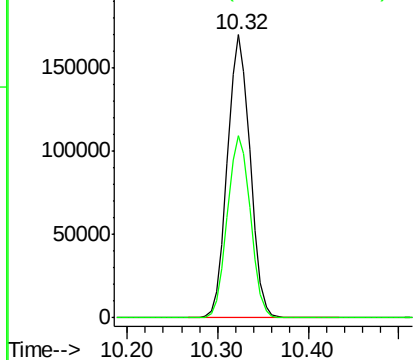


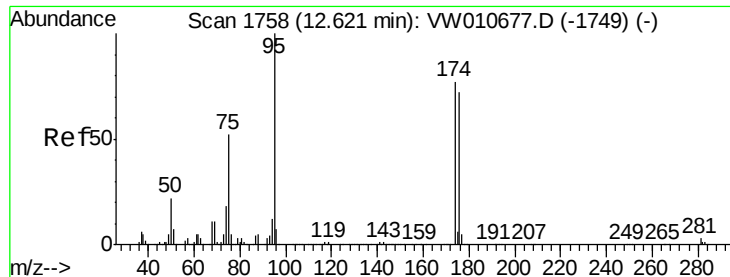
#50
Toluene-d8
Concen: 37.820 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010794.D
Acq: 13 Jun 2019 13:35

Tgt Ion: 98 Resp: 294974
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

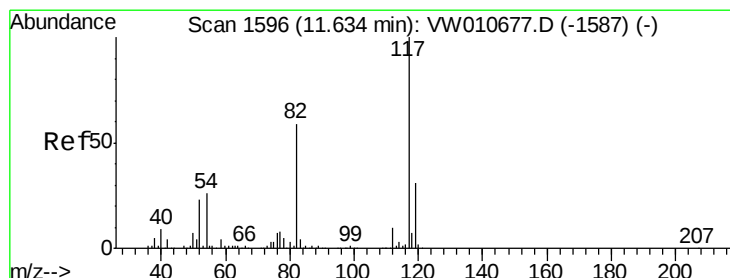
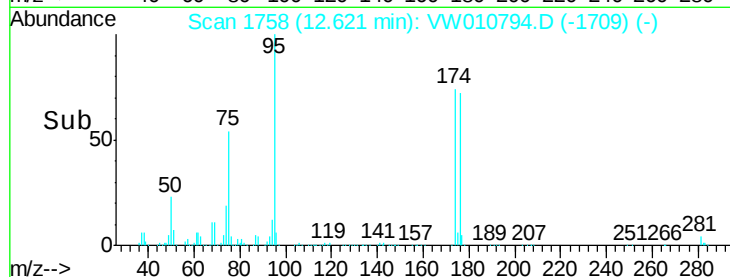
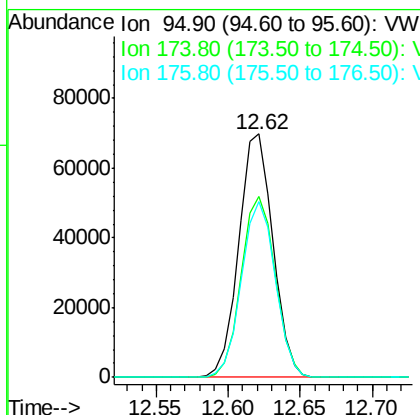
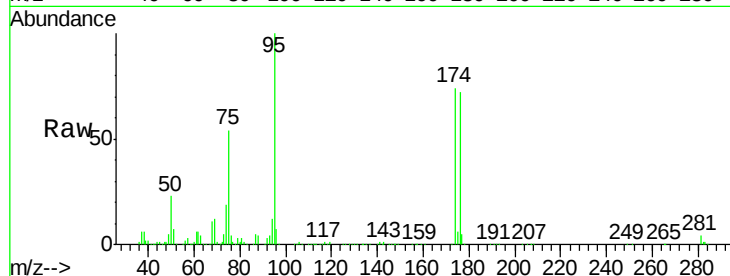




#62
4-Bromofluorobenzene
Concen: 40.315 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010794.D
Acq: 13 Jun 2019 13:35

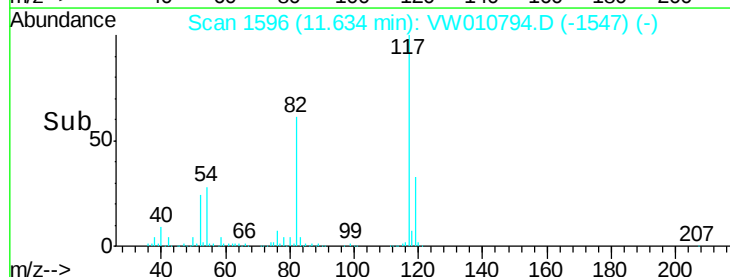
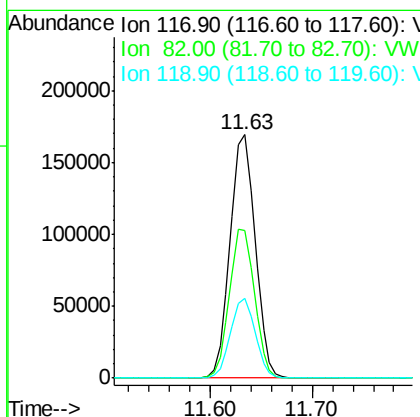
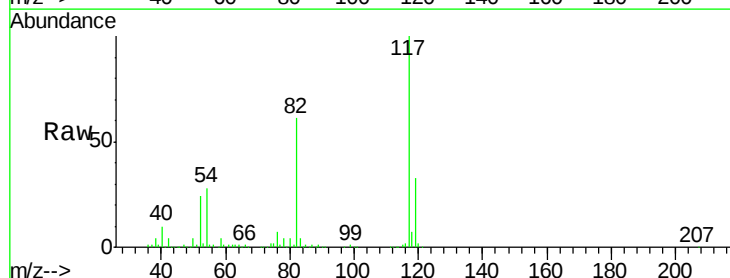
Instrument :
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ClientSampleId :
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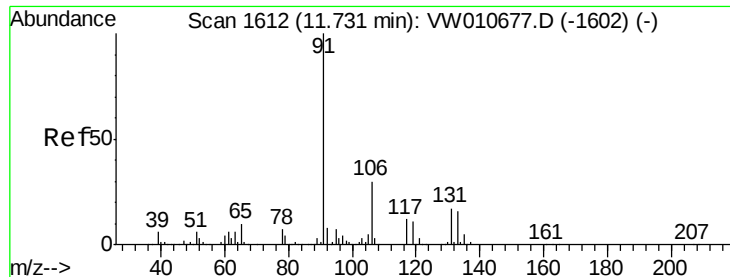
Tot Ion: 95 Resp: 114418
Ion Ratio Lower Upper
95 100
174 74.4 0.0 150.4
176 71.8 0.0 144.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010794.D
Acq: 13 Jun 2019 13:35

Tgt Ion: 117 Resp: 288214
Ion Ratio Lower Upper
117 100
82 60.9 47.0 70.4
119 32.8 25.1 37.7

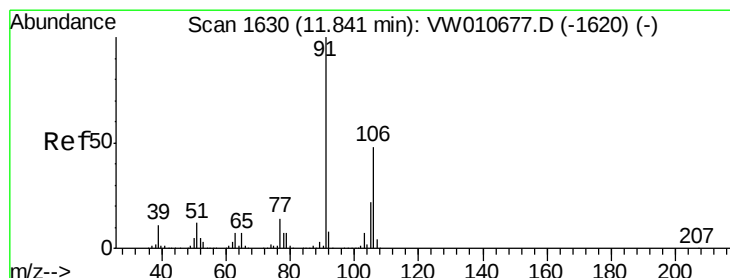
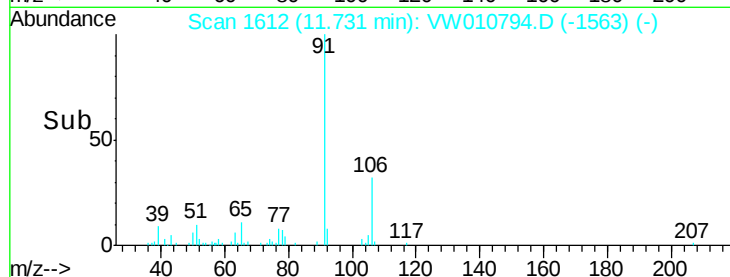
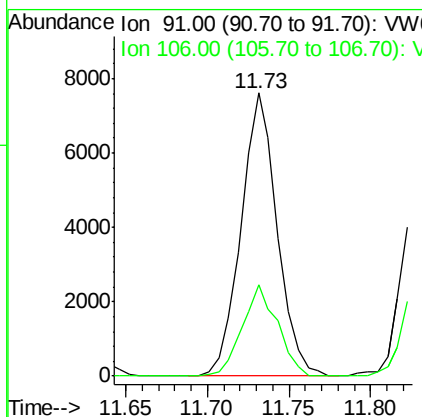
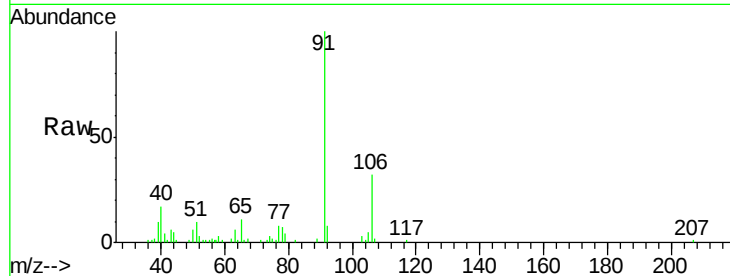




#67
Ethyl Benzene
Concen: 1.076 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010794.D
Acq: 13 Jun 2019 13:35

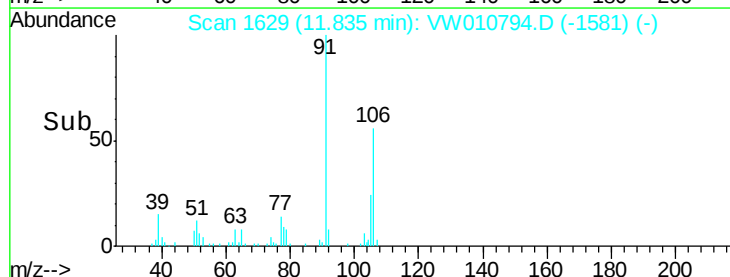
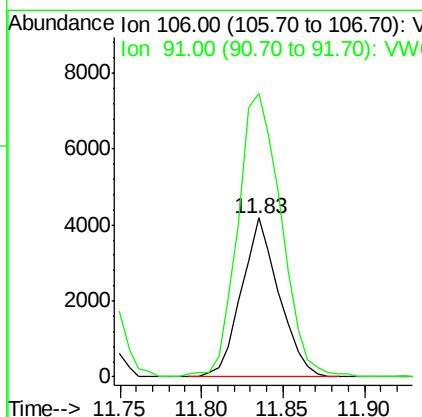
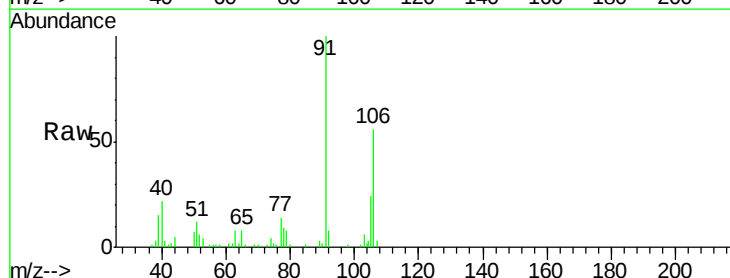
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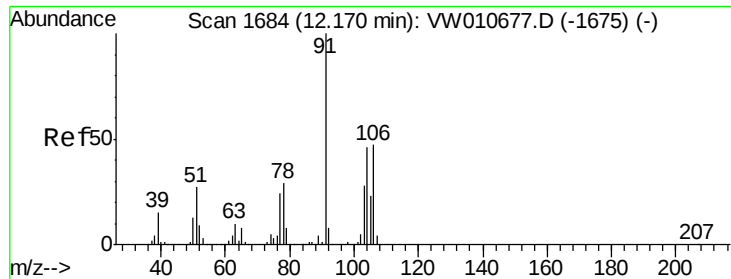
Tot Ion: 91 Resp: 11717
Ion Ratio Lower Upper
91 100
106 32.2 24.2 36.4



#68
m/p-Xylenes
Concen: 1.722 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW010794.D
Acq: 13 Jun 2019 13:35

Tgt Ion: 106 Resp: 6716
Ion Ratio Lower Upper
106 100
91 205.7 166.5 249.7

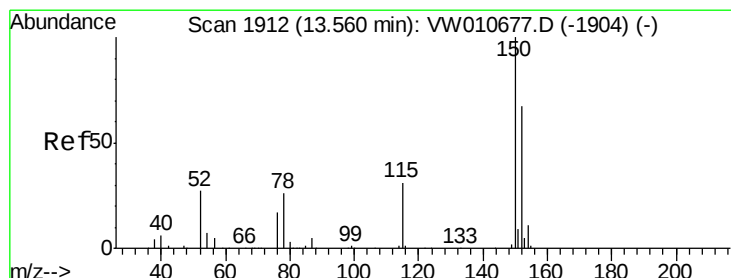
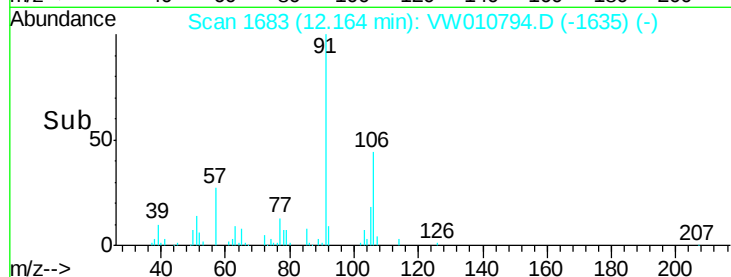
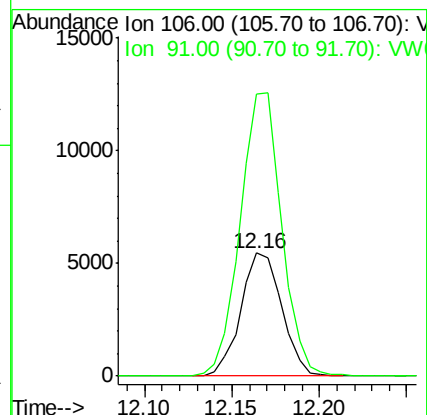
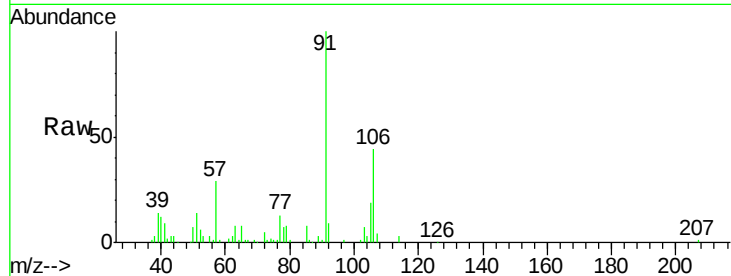




#69
o-Xylene
Concen: 2.409 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010794.D
Acq: 13 Jun 2019 13:35

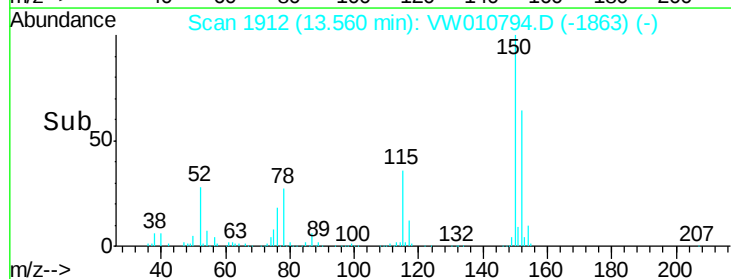
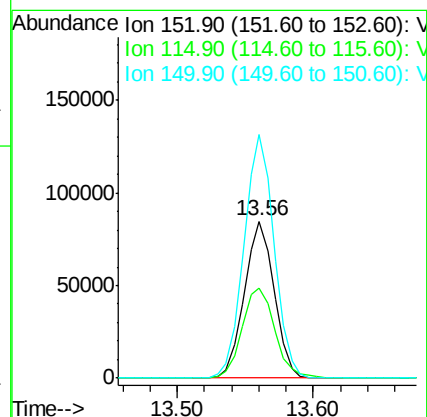
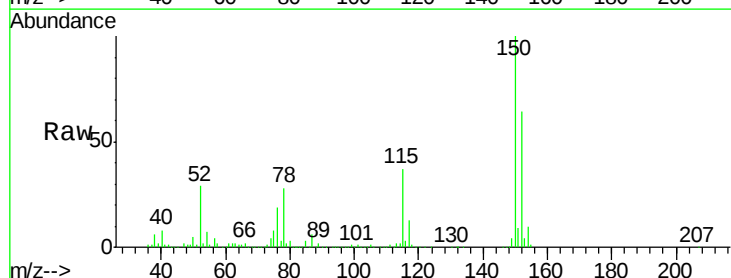
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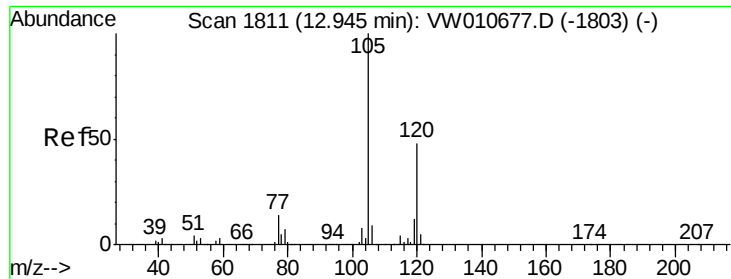
Tot Ion:106 Resp: 8908
Ion Ratio Lower Upper
106 100
91 232.9 108.9 326.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010794.D
Acq: 13 Jun 2019 13:35

Tgt Ion:152 Resp: 129436
Ion Ratio Lower Upper
152 100
115 63.1 29.8 89.3
150 157.2 0.0 345.0

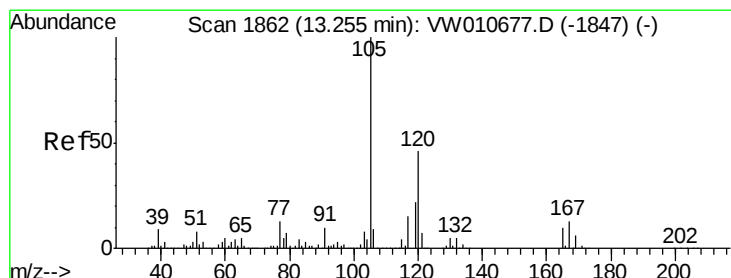
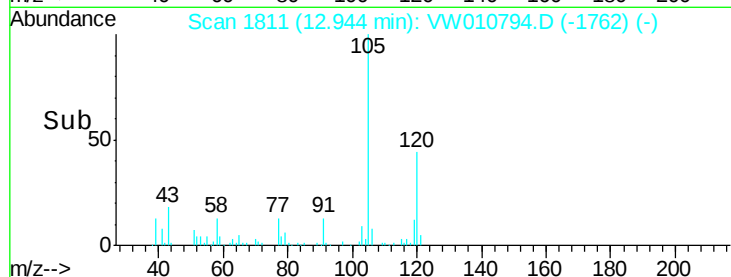
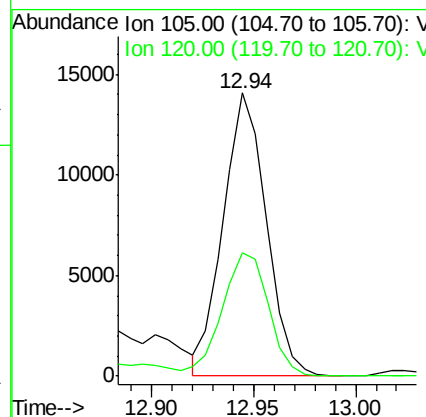
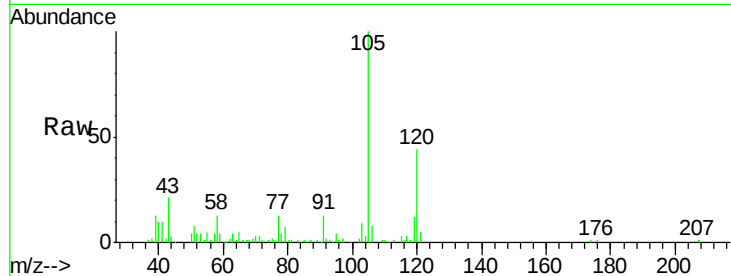




#80
 1,3,5-Trimethylbenzene
 Concen: 2.580 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW010794.D
 Acq: 13 Jun 2019 13:35

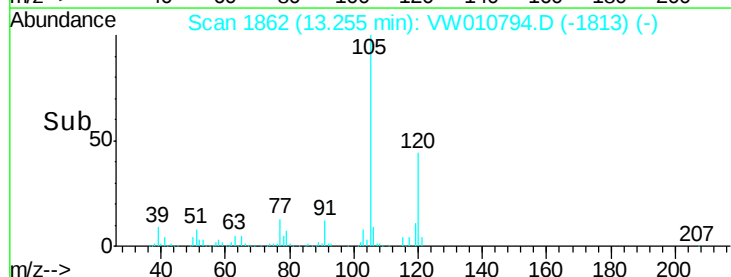
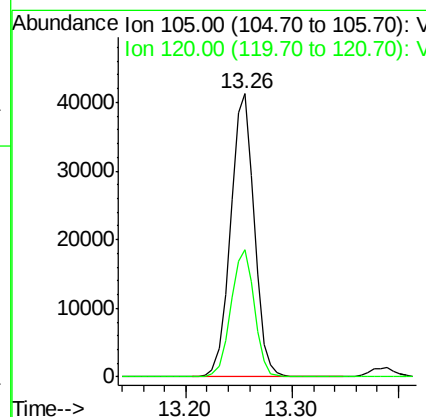
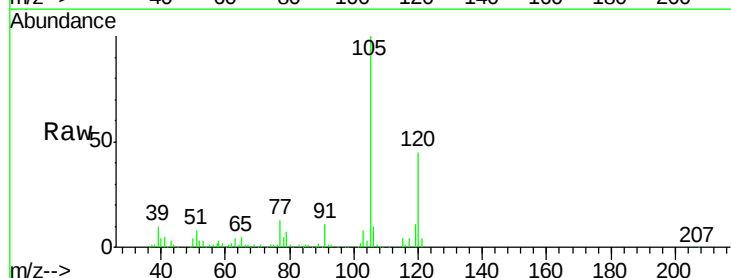
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-0D015-03-008RE

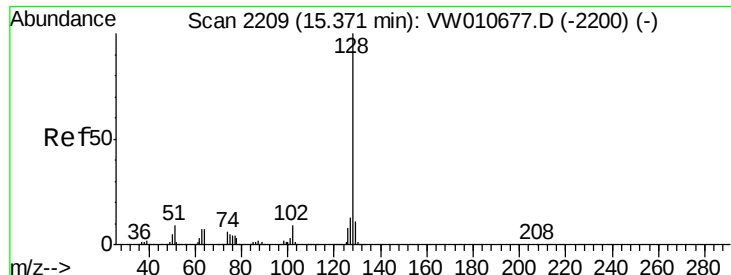
Tot Ion:105 Resp: 20539
 Ion Ratio Lower Upper
 105 100
 120 46.8 24.3 72.8



#84
 1,2,4-Trimethylbenzene
 Concen: 8.008 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010794.D
 Acq: 13 Jun 2019 13:35

Tgt Ion:105 Resp: 64155
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.5 67.5





#95

Naphthalene

Concen: 3.453 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010794.D

Acq: 13 Jun 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

FK-0D015-03-008RE

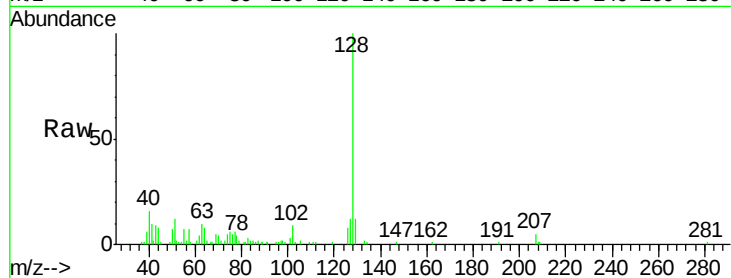
Tot Ion:128 Resp: 16210

Ion Ratio Lower Upper

128 100

127 13.9 10.6 15.8

129 11.5 8.6 13.0



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

