

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003862.D
 Acq On : 11 Jul 2018 09:32
 Operator : SY/AP
 Sample : J3828-01
 Misc : 6.29G/5ML/MSVOA W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-071018-A

Quant Time: Jul 11 11:26:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	122013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	211584	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	171498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	59417	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	107834	67.58	ug/l	0.00
Spiked Amount			Recovery	=	135.16%	
35) Dibromofluoromethane	7.88	113	90037	60.80	ug/l	0.00
Spiked Amount			Recovery	=	121.60%	
50) Toluene-d8	10.33	98	290826	51.34	ug/l	0.00
Spiked Amount			Recovery	=	102.68%	
62) 4-Bromofluorobenzene	12.62	95	76817	37.48	ug/l	0.00
Spiked Amount			Recovery	=	74.96%	

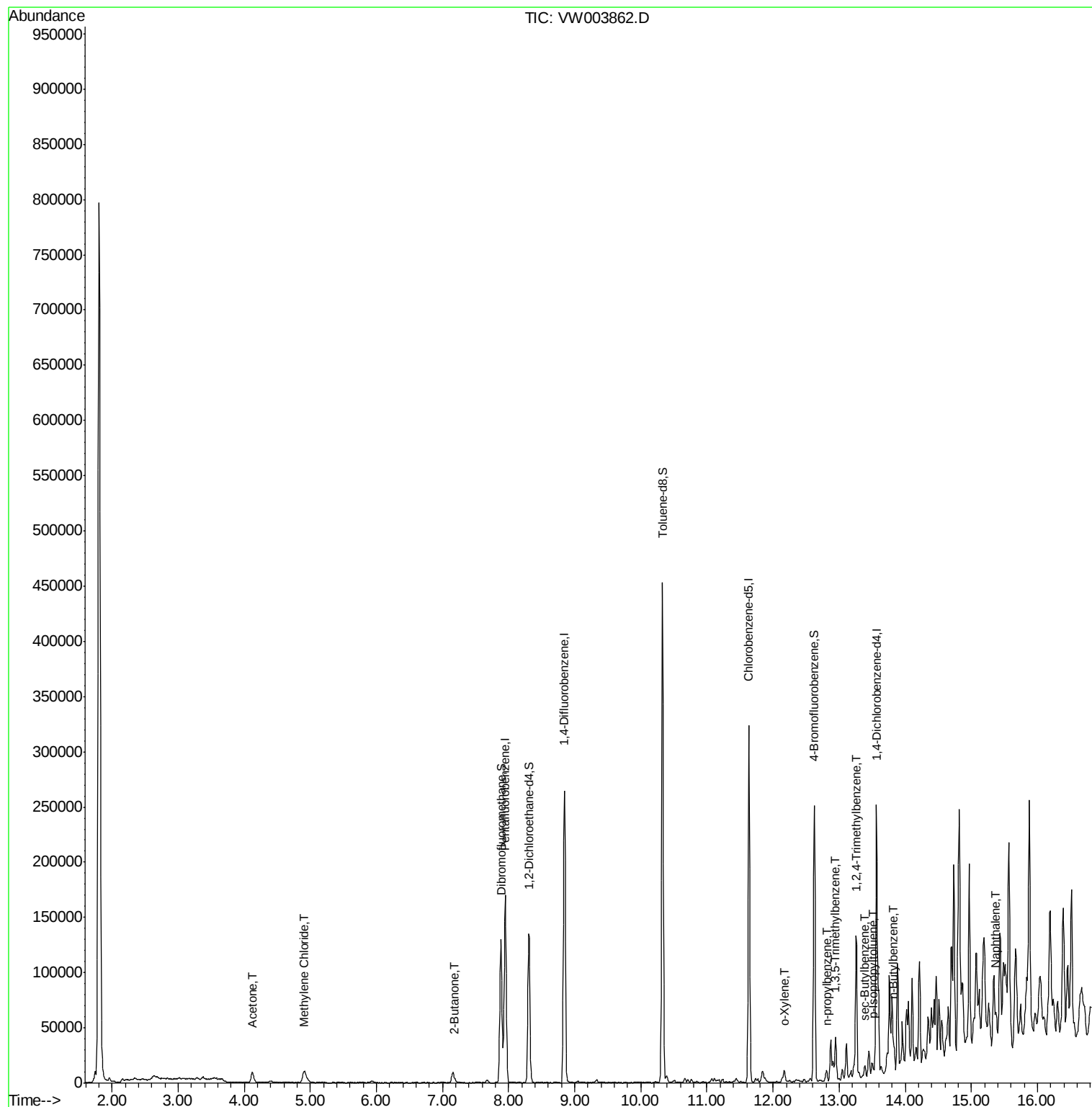
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	16687	60.28	ug/l	98
20) Methylene Chloride	4.91	84	9192	2.66	ug/l #	90
25) 2-Butanone	7.19	43	2938	6.78	ug/l #	84
69) o-Xylene	12.17	106	2462	1.08	ug/l	98
78) n-propylbenzene	12.81	91	6925	1.37	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	12836	3.70	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	67257	18.67	ug/l	100
85) sec-Butylbenzene	13.39	105	6422	1.50	ug/l	93
86) p-Isopropyltoluene	13.51	119	4172	1.12	ug/l	92
89) n-Butylbenzene	13.83	91	11246	3.06	ug/l #	78
95) Naphthalene	15.38	128	13366	6.07	ug/l	94

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003862.D

Acq: 11 Jul 2018 09:32

Instrument :

MSVOA_W

ClientSampleId :

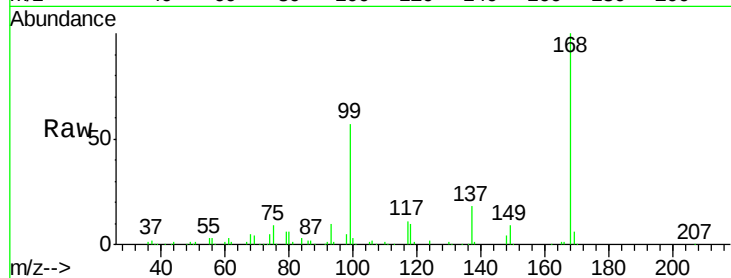
EO-01-071018-A

Tot Ion:168 Resp: 122013

Ion Ratio Lower Upper

168 100

99 57.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

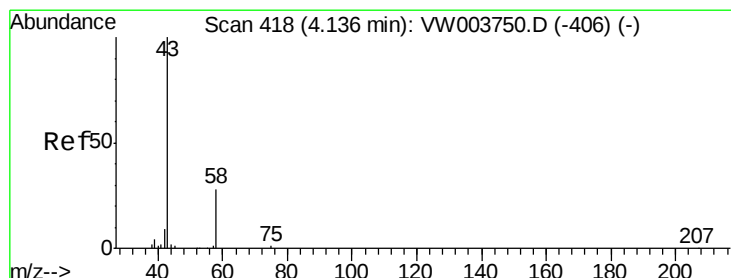
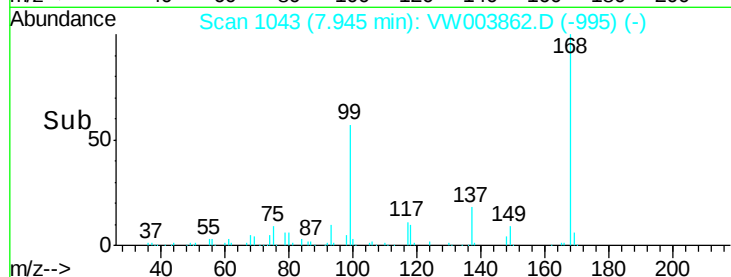
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 60.28 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.01 min

Lab File: VW003862.D

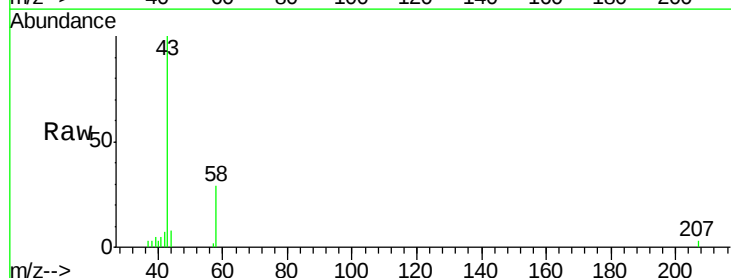
Acq: 11 Jul 2018 09:32

Tgt Ion: 43 Resp: 16687

Ion Ratio Lower Upper

43 100

58 29.4 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

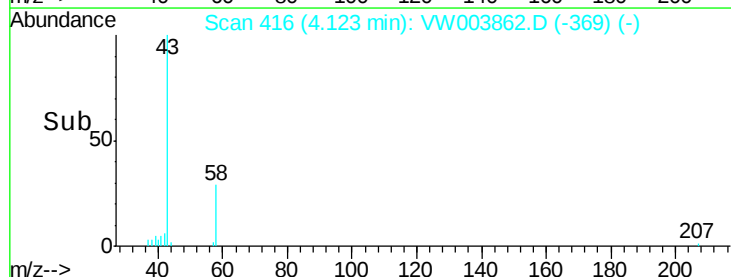
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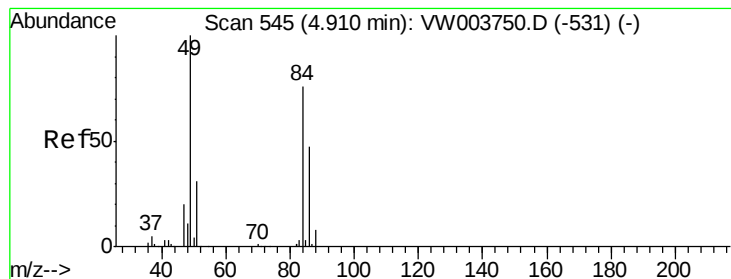
4000

2000

0

Time-->





#20

Methvlene Chloride

Concen: 2.66 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW003862.D

Acq: 11 Jul 2018 09:32

Instrument :

MSVOA_W

ClientSampleId :

EO-01-071018-A

Tot Ion: 84 Resp: 9192

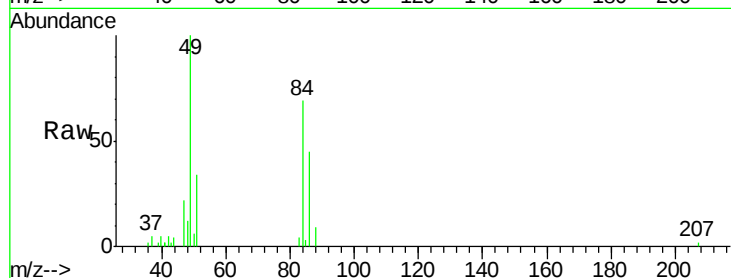
Ion Ratio Lower Upper

84 100

49 145.3 105.1 157.7

51 49.8 32.5 48.7#

86 65.0 49.8 74.6

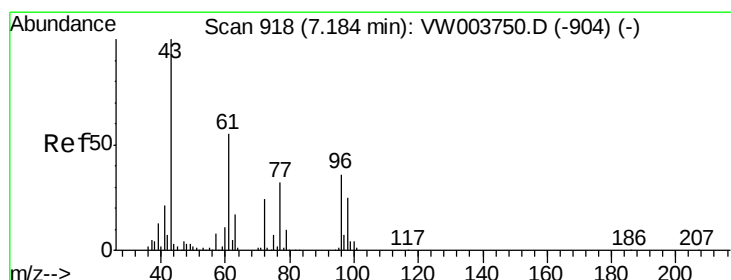
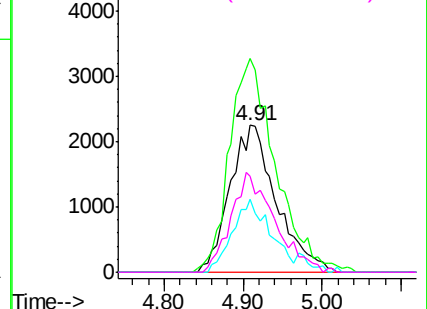
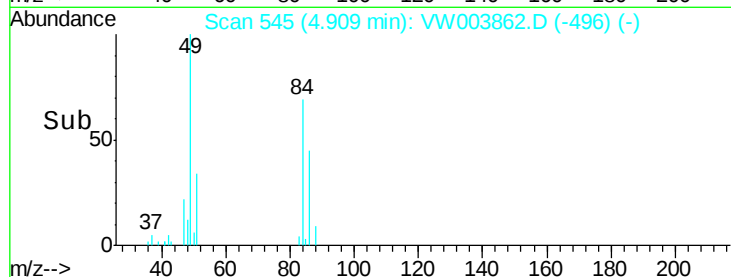


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25

2-Butanone

Concen: 6.78 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW003862.D

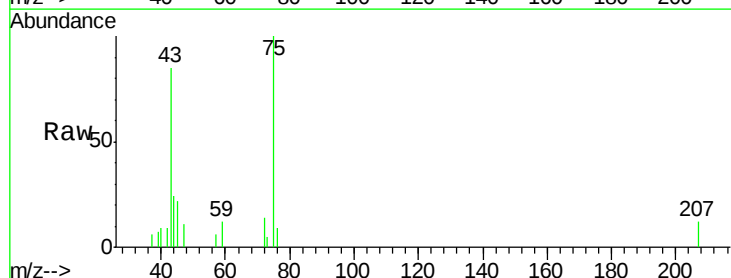
Acq: 11 Jul 2018 09:32

Tgt Ion: 43 Resp: 2938

Ion Ratio Lower Upper

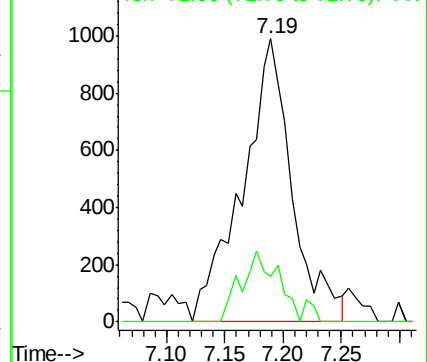
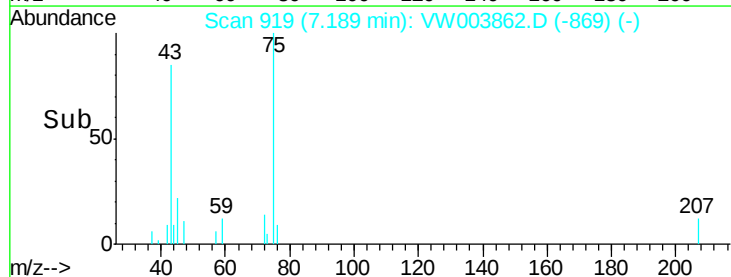
43 100

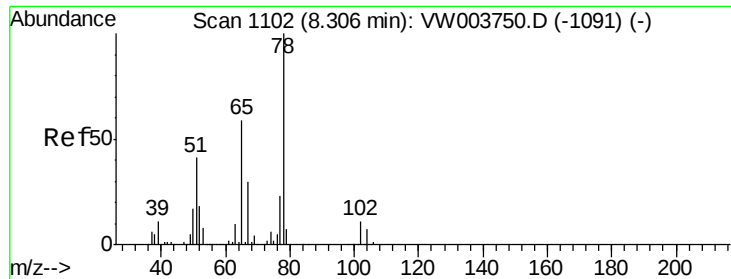
72 16.2 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

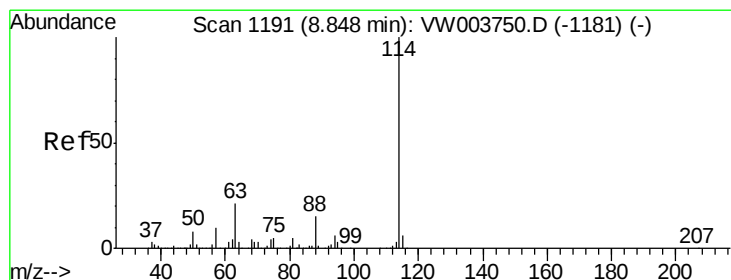
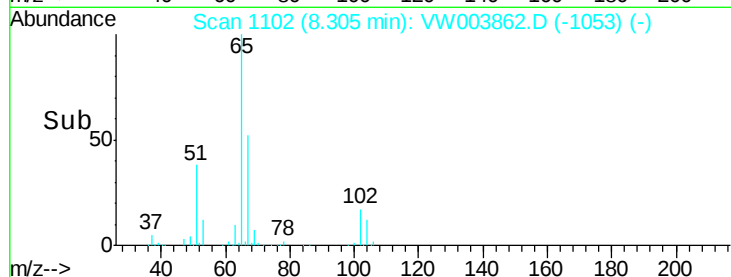
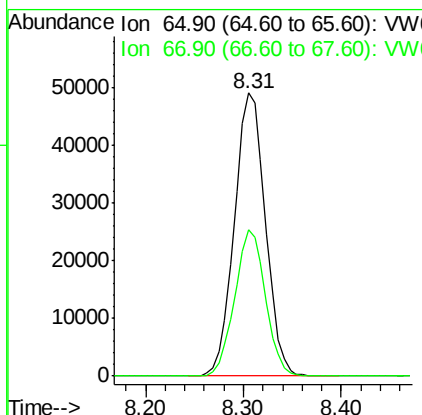
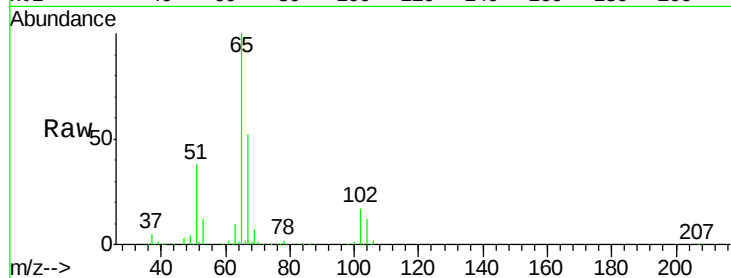




#33
 1,2-Dichloroethane-d4
 Concen: 67.58 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003862.D
 Acq: 11 Jul 2018 09:32

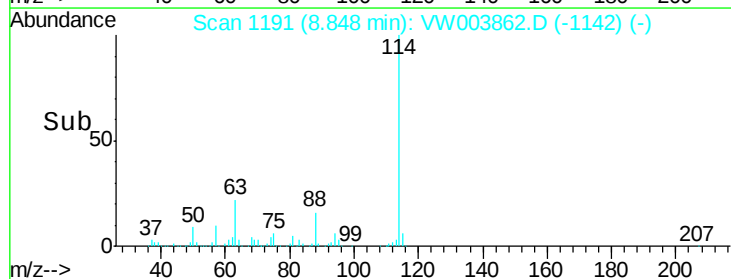
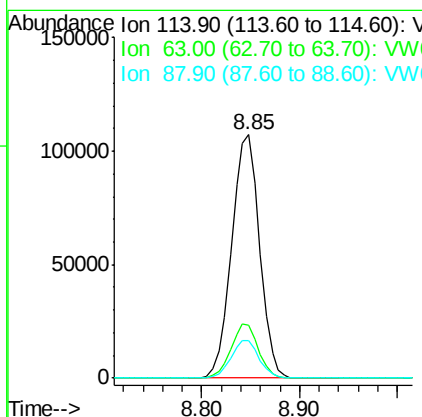
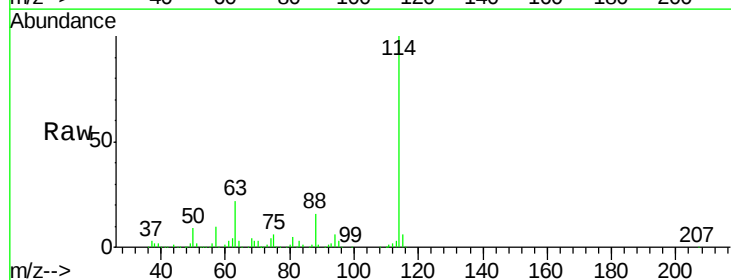
Instrument :
 MSVOA_W
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 EO-01-071018-A

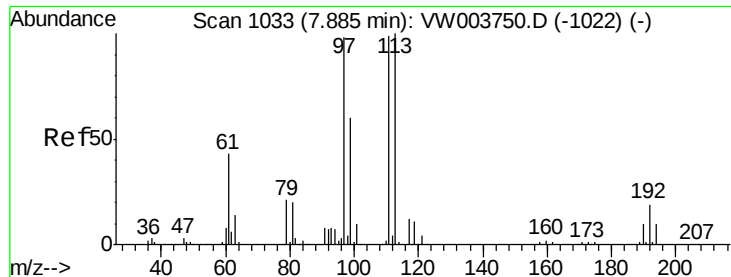
Tot Ion: 65 Resp: 107834
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003862.D
 Acq: 11 Jul 2018 09:32

Tgt Ion: 114 Resp: 211584
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 41.8
 88 15.6 0.0 30.2

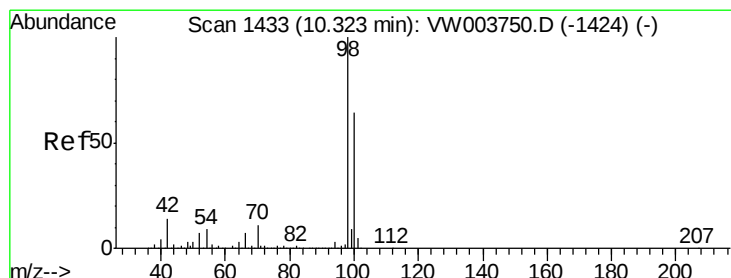
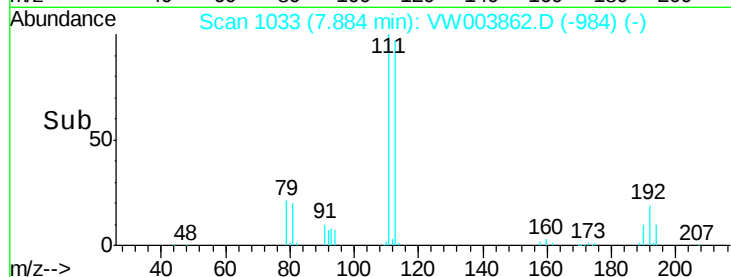
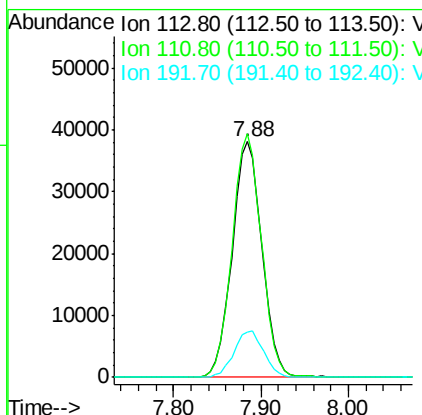
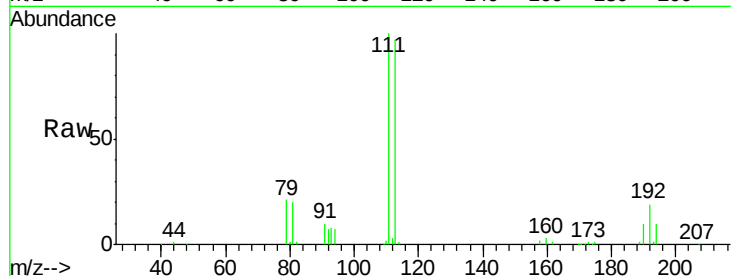




#35
Dibromofluoromethane
Concen: 60.80 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. -0.00 min
Lab File: VW003862.D
Acq: 11 Jul 2018 09:32

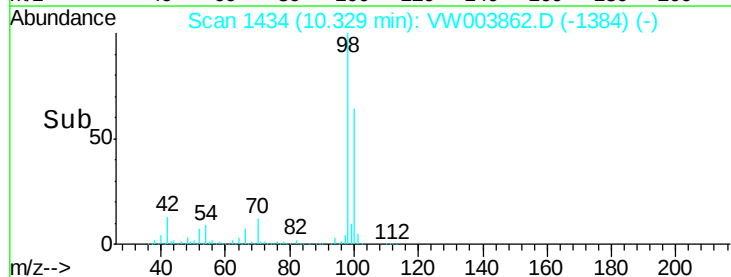
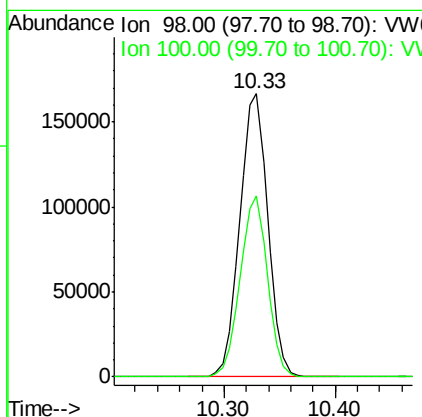
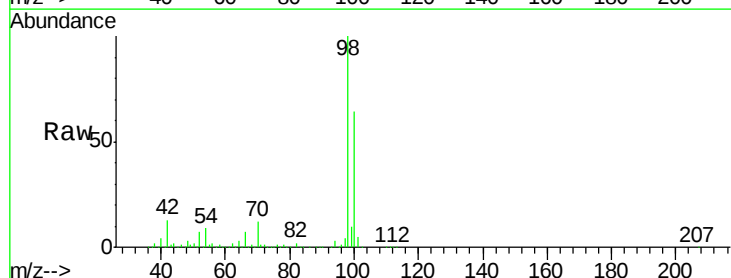
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ClientSampleId :
EO-01-071018-A

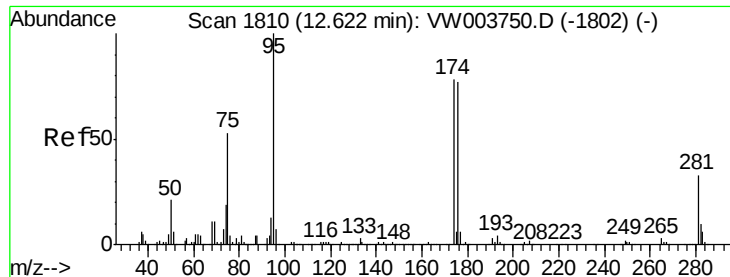
Tot Ion:113 Resp: 90037
Ion Ratio Lower Upper
113 100
111 101.9 81.7 122.5
192 19.7 15.8 23.8



#50
Toluene-d8
Concen: 51.34 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003862.D
Acq: 11 Jul 2018 09:32

Tgt Ion: 98 Resp: 290826
Ion Ratio Lower Upper
98 100
100 62.2 50.8 76.2

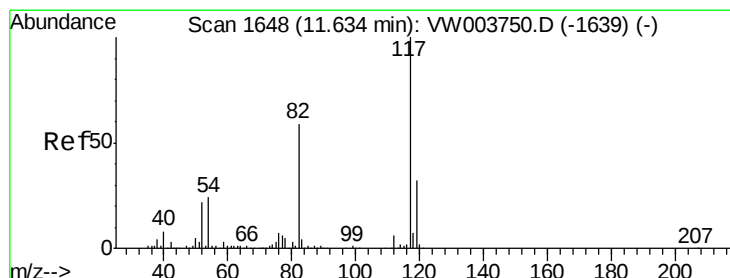
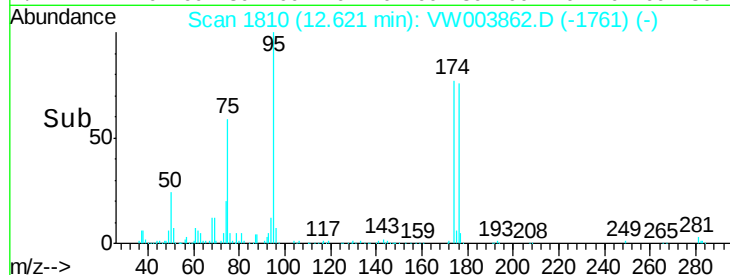
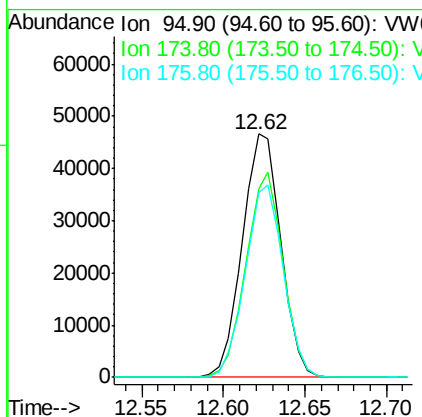
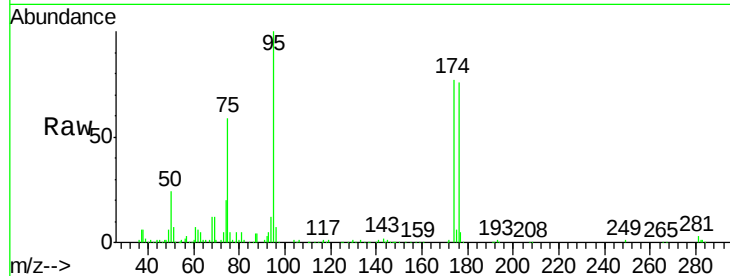




#62
4-Bromofluorobenzene
Concen: 37.48 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW003862.D
Acq: 11 Jul 2018 09:32

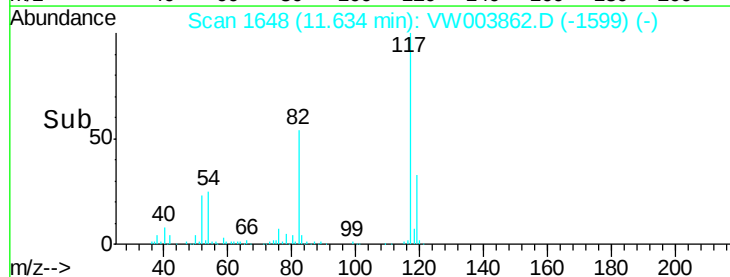
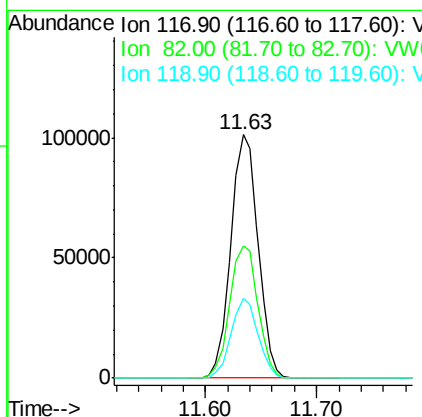
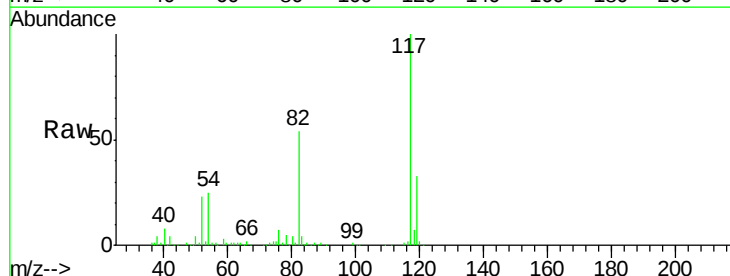
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ClientSampleId :
EO-01-071018-A

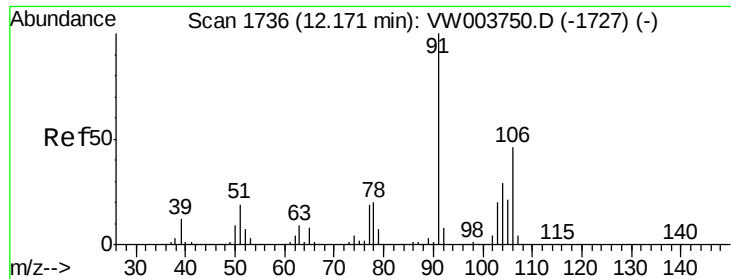
Tot Ion: 95 Resp: 76817
Ion Ratio Lower Upper
95 100
174 81.2 0.0 163.4
176 78.0 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003862.D
Acq: 11 Jul 2018 09:32

Tgt Ion: 117 Resp: 171498
Ion Ratio Lower Upper
117 100
82 54.4 46.9 70.3
119 32.6 25.5 38.3

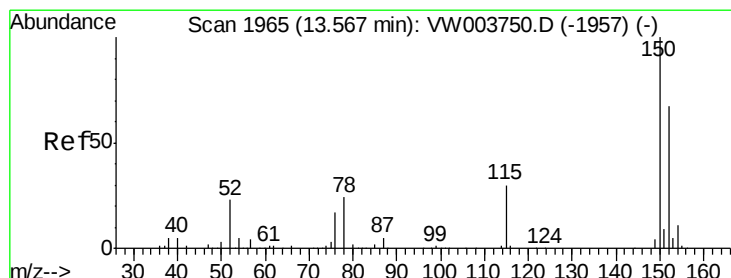
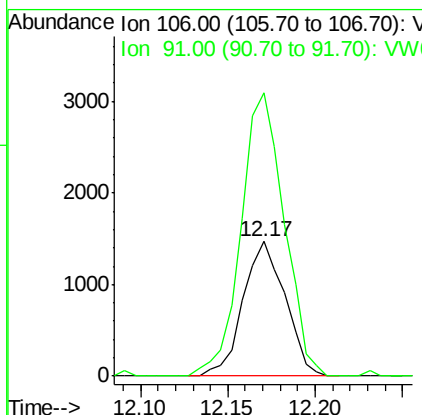
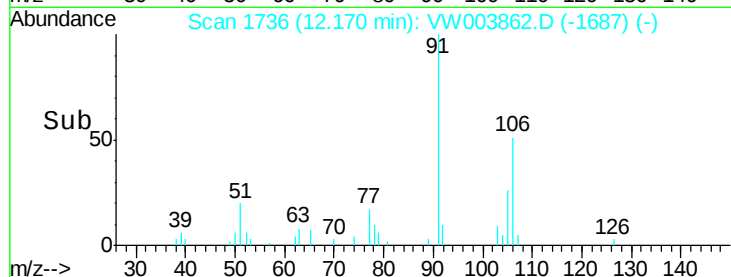
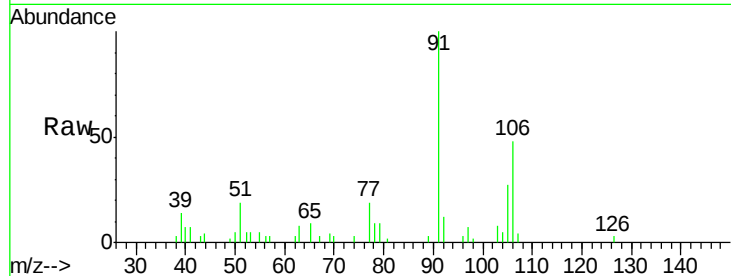




#69
o-Xylene
Concen: 1.08 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003862.D
Acq: 11 Jul 2018 09:32

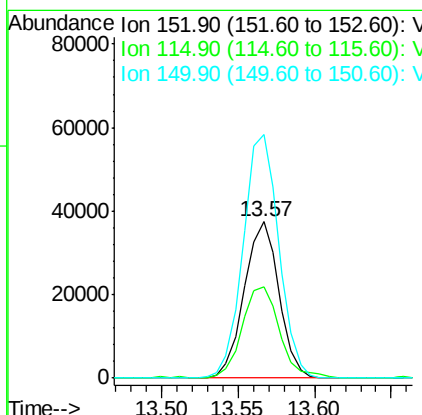
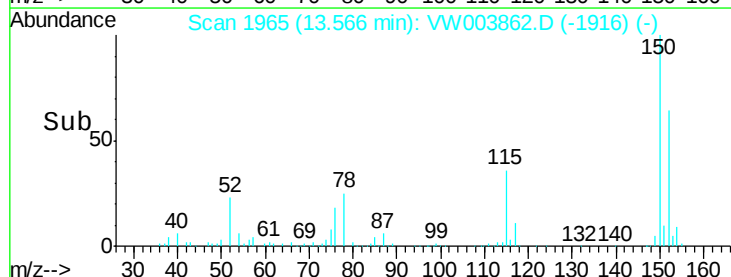
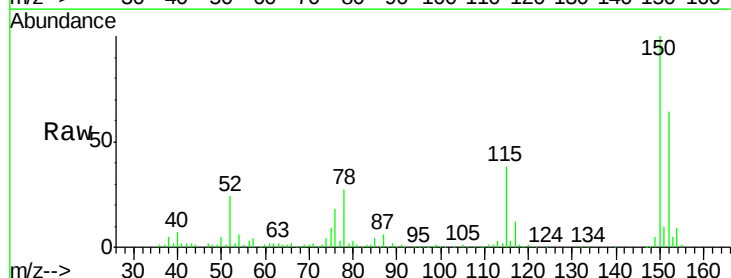
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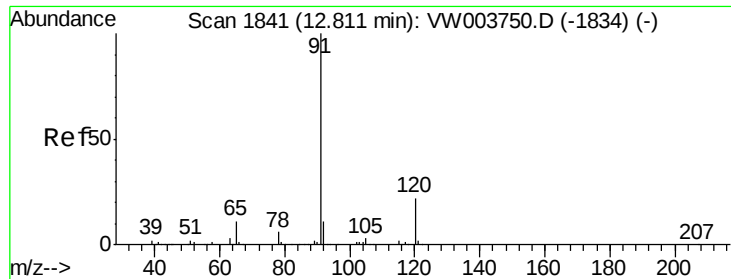
Tot Ion:106 Resp: 2462
Ion Ratio Lower Upper
106 100
91 215.2 109.1 327.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003862.D
Acq: 11 Jul 2018 09:32

Tgt Ion:152 Resp: 59417
Ion Ratio Lower Upper
152 100
115 63.2 28.9 86.8
150 158.9 0.0 342.4

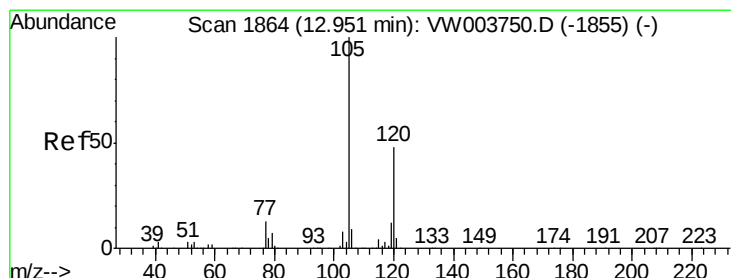
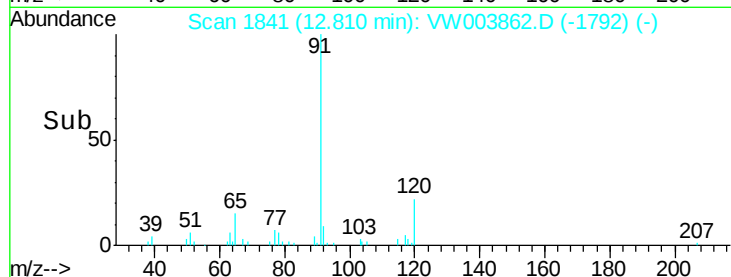
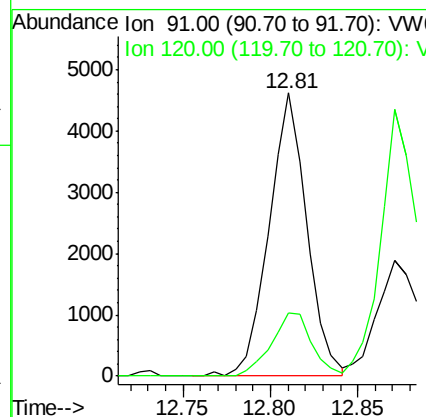
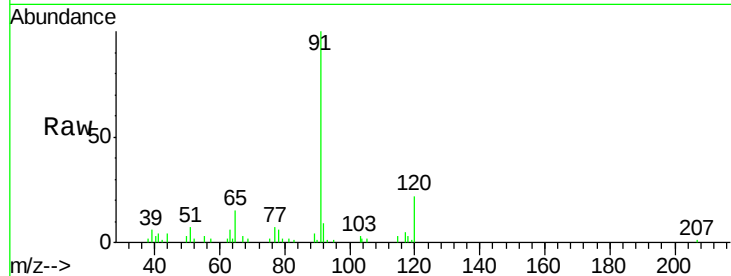




#78
n-propylbenzene
Concen: 1.37 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VW003862.D
Acq: 11 Jul 2018 09:32

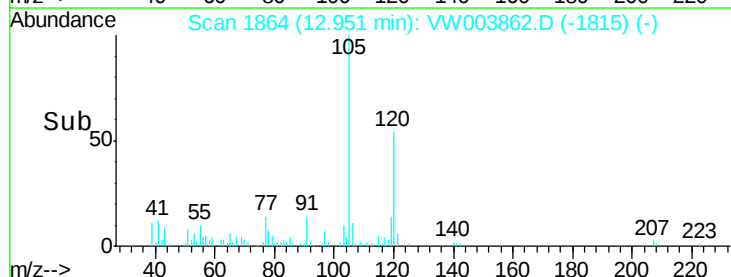
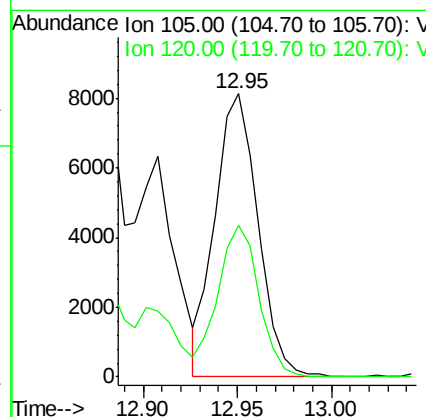
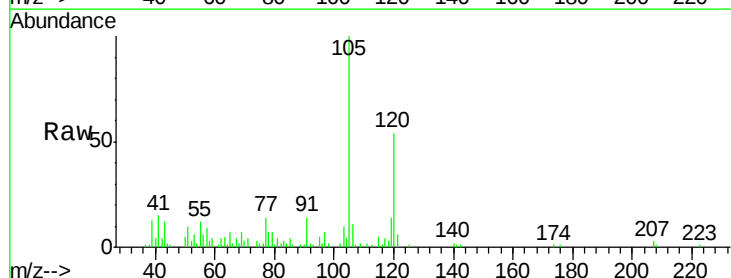
Instrument :
MSVOA_W
ClientSampleId :
EO-01-071018-A

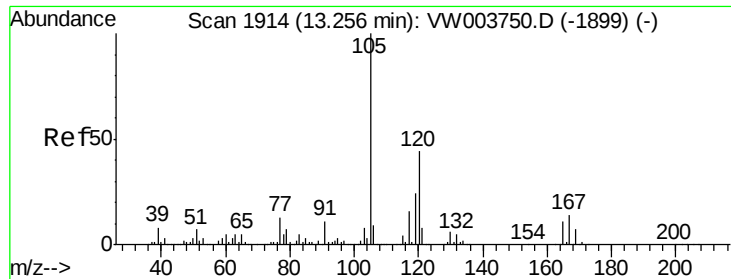
Tot Ion: 91 Resp: 6925
Ion Ratio Lower Upper
91 100
120 24.0 11.2 33.6



#80
1,3,5-Trimethylbenzene
Concen: 3.70 ug/l
RT: 12.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VW003862.D
Acq: 11 Jul 2018 09:32

Tgt Ion:105 Resp: 12836
Ion Ratio Lower Upper
105 100
120 51.3 24.2 72.6

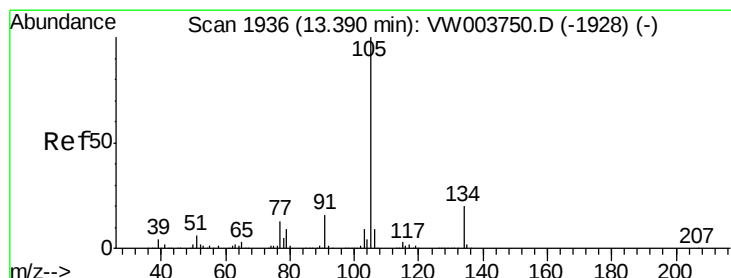
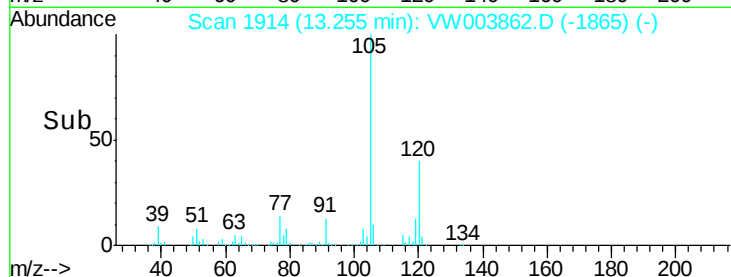
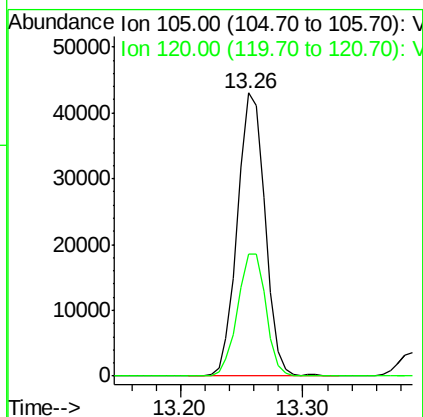
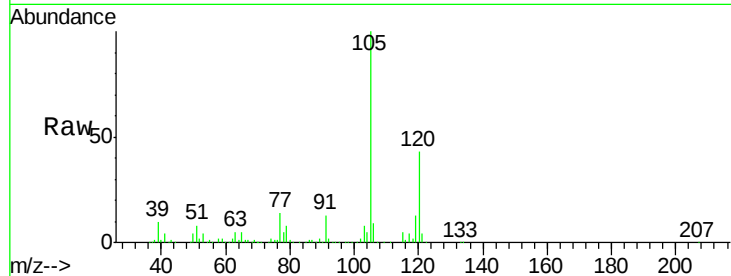




#84
 1,2,4-Trimethylbenzene
 Concen: 18.67 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW003862.D
 Acq: 11 Jul 2018 09:32

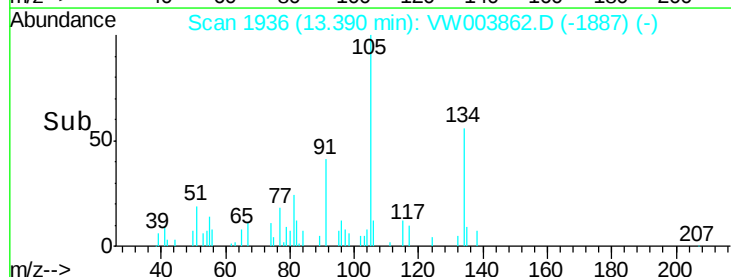
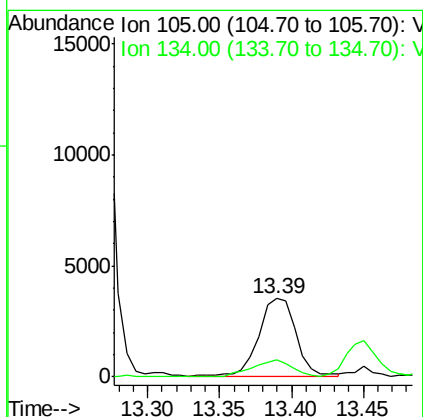
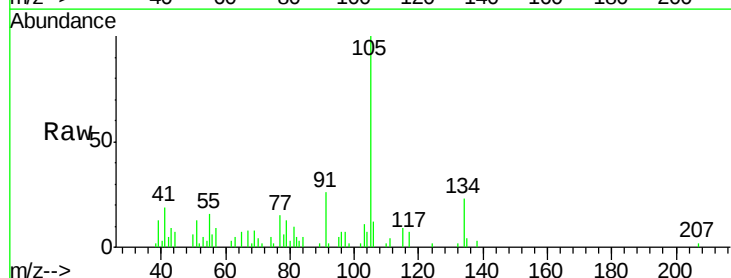
Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-071018-A

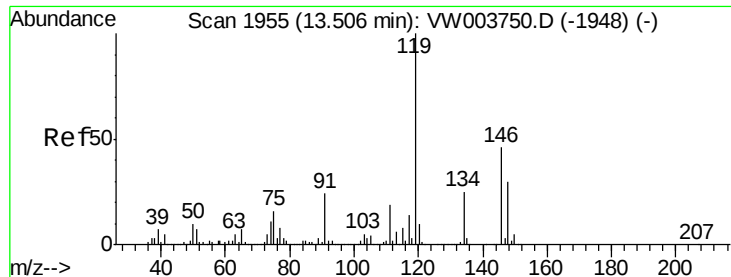
Tot Ion:105 Resp: 67257
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.0 66.0



#85
 sec-Butylbenzene
 Concen: 1.50 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW003862.D
 Acq: 11 Jul 2018 09:32

Tgt Ion:105 Resp: 6422
 Ion Ratio Lower Upper
 105 100
 134 23.0 9.8 29.4

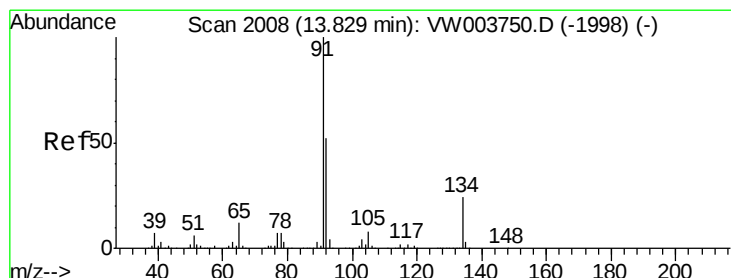
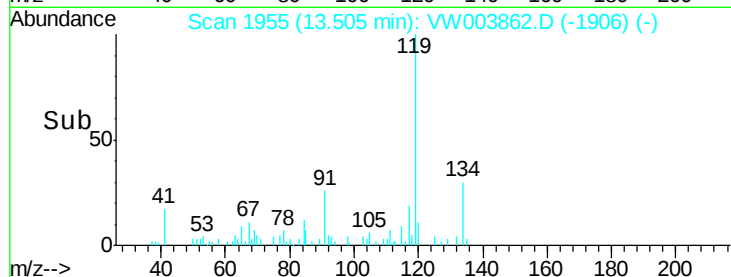
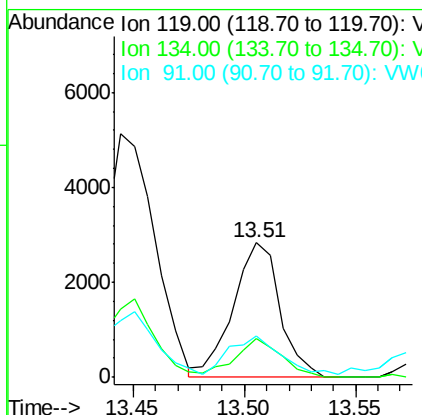
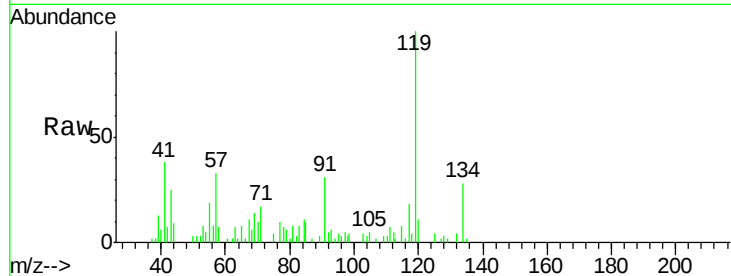




#86
 p-Isopropyltoluene
 Concen: 1.12 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003862.D
 Acq: 11 Jul 2018 09:32

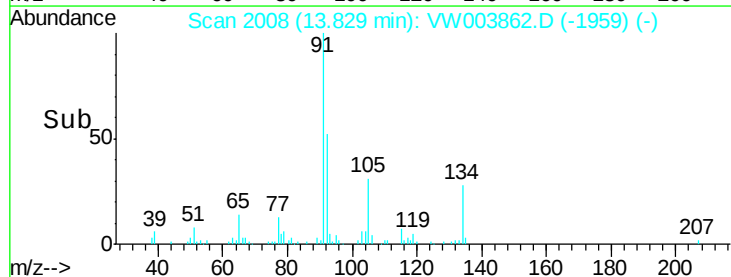
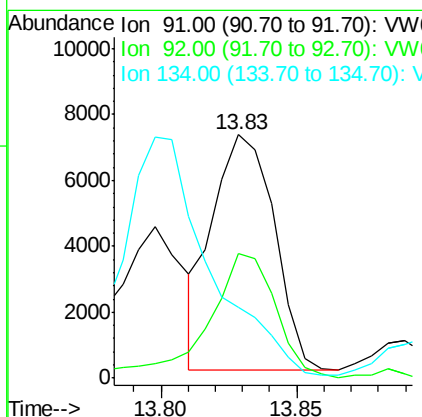
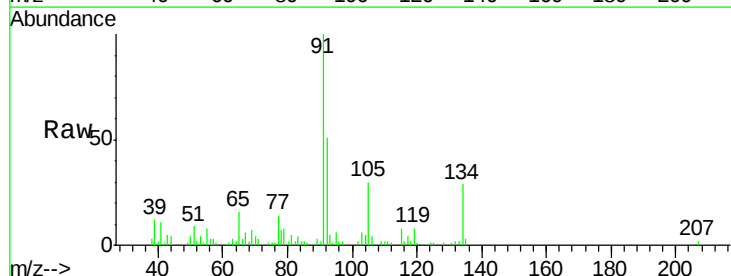
Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-071018-A

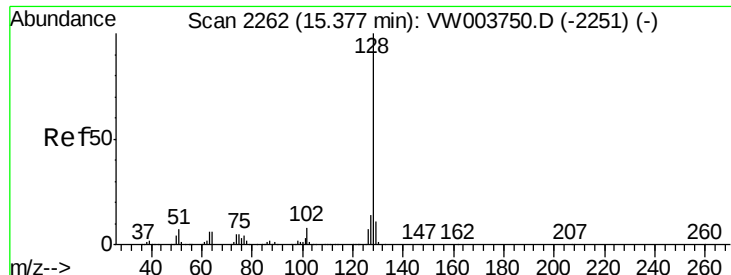
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.1	13.1	39.1
91	29.7	11.9	35.9



#89
 n-Butylbenzene
 Concen: 3.06 ug/l
 RT: 13.83 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: VW003862.D
 Acq: 11 Jul 2018 09:32

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.2	26.1	78.3
134	0.0	12.4	37.4





#95
Naphthalene
Concen: 6.07 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW003862.D
Acq: 11 Jul 2018 09:32

Instrument :
MSVOA_W
ClientSampleId :
EO-01-071018-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	10.8	10.8	16.2
129	8.7	8.6	13.0

