

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092718\
 Data File : VW005714.D
 Acq On : 27 Sep 2018 21:18
 Operator : VA/AP
 Sample : J4776-07
 Misc : 8.61G/5ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-092718-B

Quant Time: Sep 28 01:24:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	187394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	299711	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	244752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	85700	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	129773	58.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.56%	
35) Dibromofluoromethane	7.89	113	101499	53.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.70%	
50) Toluene-d8	10.33	98	351125	45.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.50%	
62) 4-Bromofluorobenzene	12.62	95	99382	35.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.00%	

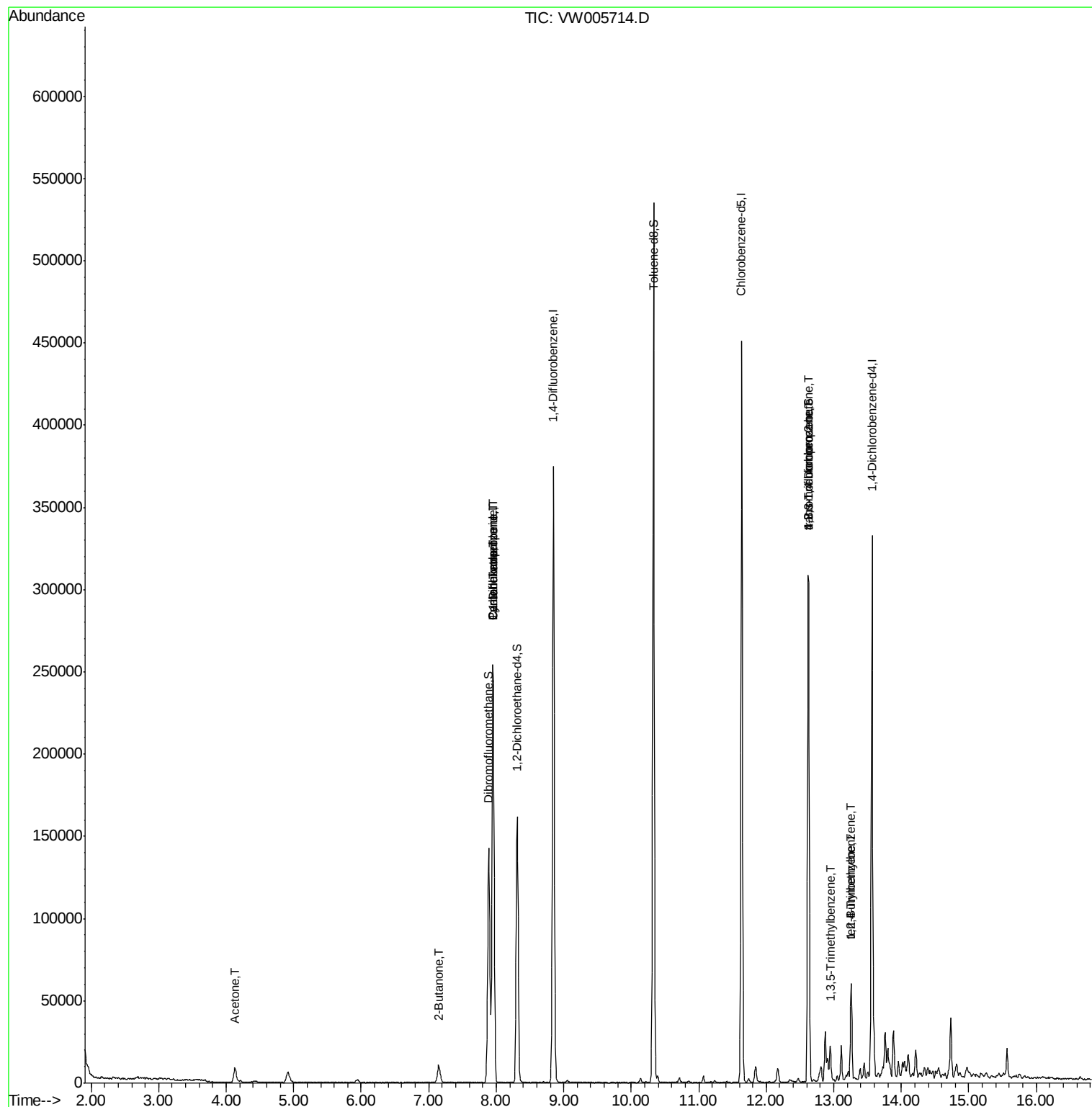
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	16011	38.136	ug/l	94
20) Methylene Chloride	4.92	84	5448	Below Cal		93
25) 2-Butanone	7.15	43	583	1.087	ug/l #	50
31) Cyclohexane	7.96	56	4298	1.256	ug/l #	30
36) 1,1-Dichloropropene	7.95	75	14370	4.763	ug/l #	52
38) Carbon Tetrachloride	7.95	117	18807	5.817	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	52255	71.530	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.95	105	8449	1.635	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.62	75	52255	161.107	ug/l #	7
83) tert-Butylbenzene	13.26	119	4401	1.014	ug/l #	73
84) 1,2,4-Trimethylbenzene	13.26	105	31482	6.037	ug/l	99

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

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QLast Update : Fri Sep 21 09:05:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005714.D

Acq: 27 Sep 2018 21:18

Instrument :

MSVOA_W

ClientSampleId :

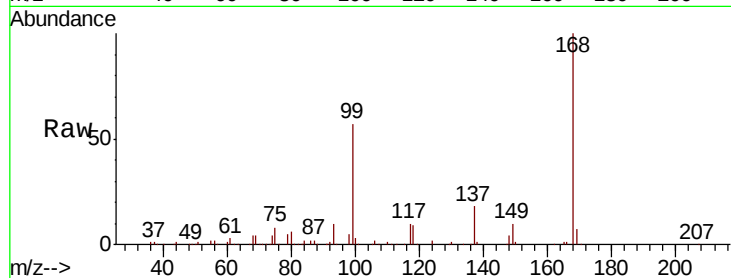
EO-01-092718-B

Tgt Ion:168 Resp: 187394

Ion Ratio Lower Upper

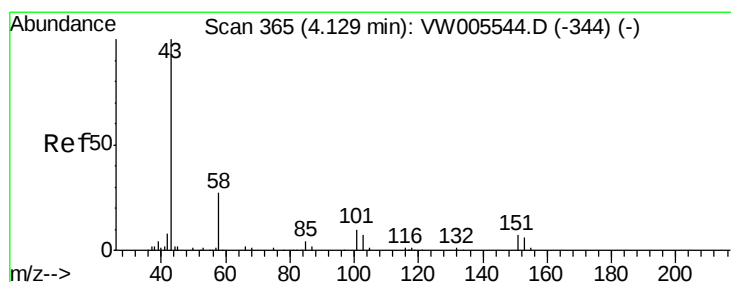
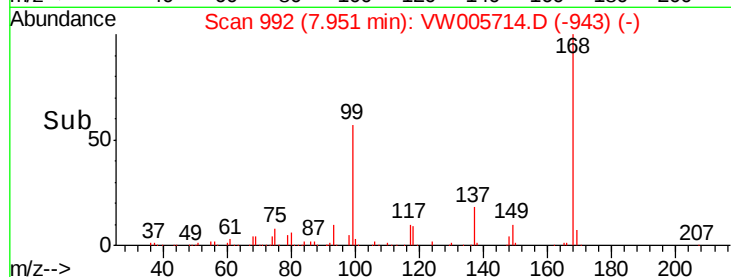
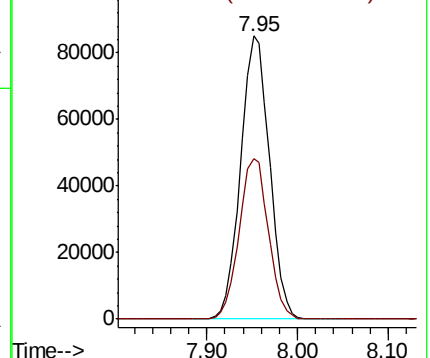
168 100

99 56.9 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 38.136 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW005714.D

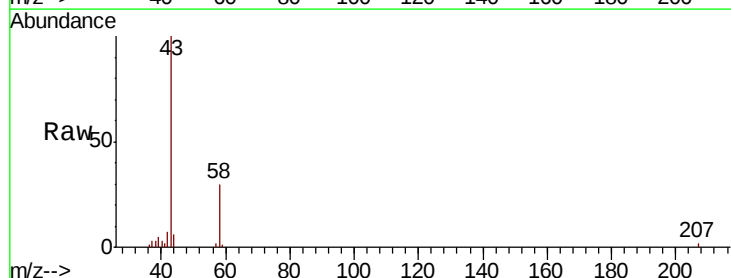
Acq: 27 Sep 2018 21:18

Tgt Ion: 43 Resp: 16011

Ion Ratio Lower Upper

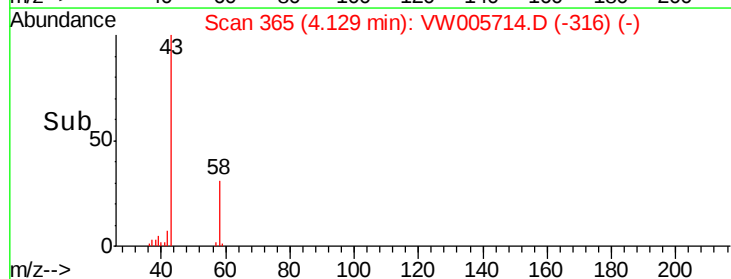
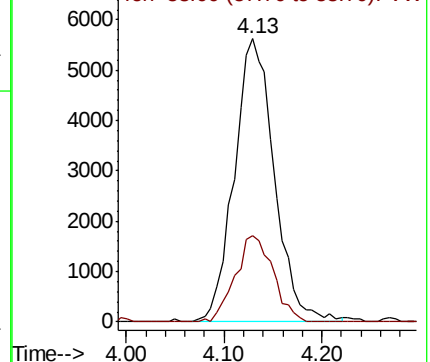
43 100

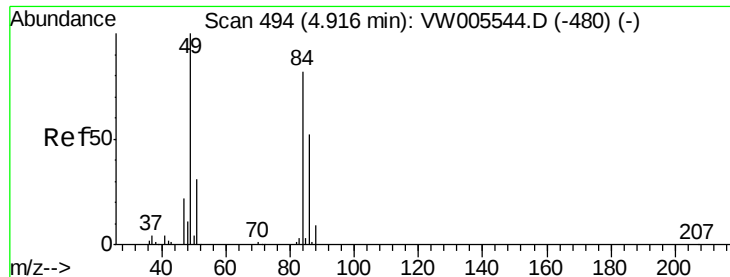
58 30.4 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

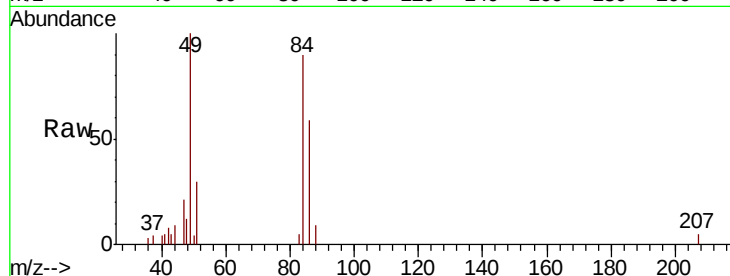




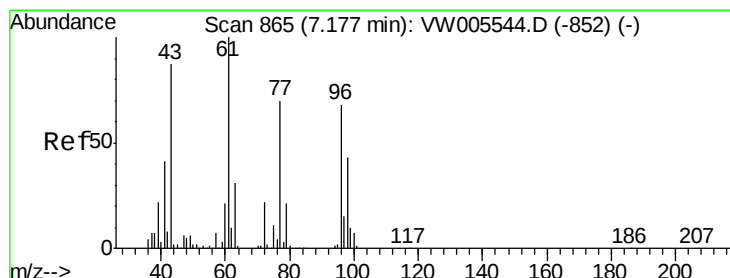
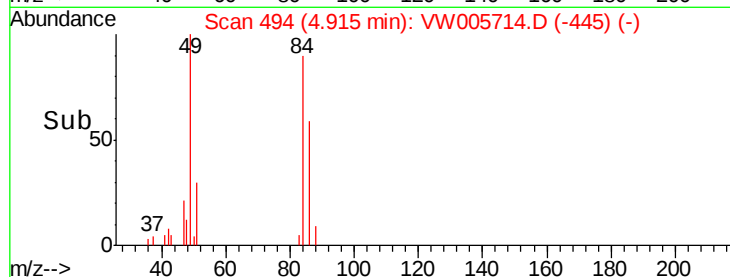
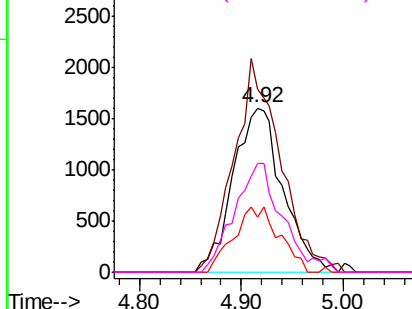
#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005714.D
Acq: 27 Sep 2018 21:18

Instrument :
MSVOA_W
ClientSampleId :
EO-01-092718-B

Tgt Ion: 84 Resp: 5448
Ion Ratio Lower Upper
84 100
49 111.7 97.0 145.6
51 33.7 30.2 45.2
86 66.4 50.2 75.4

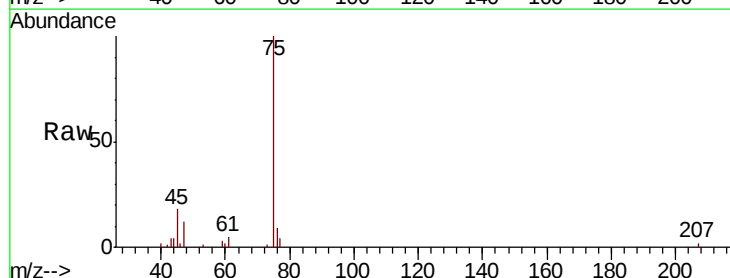


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

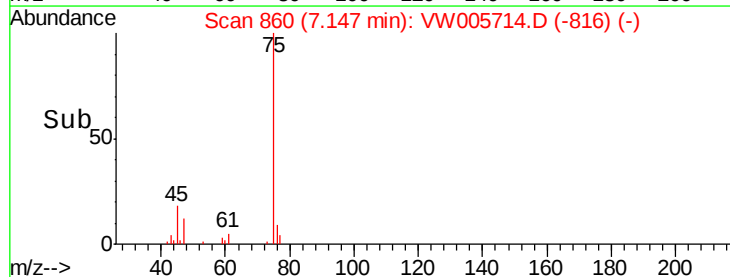
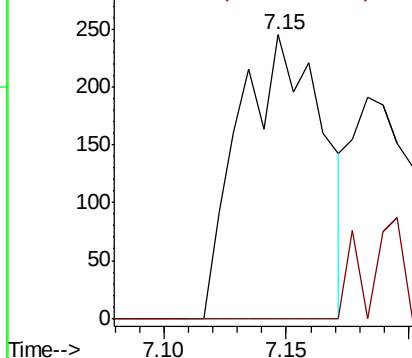


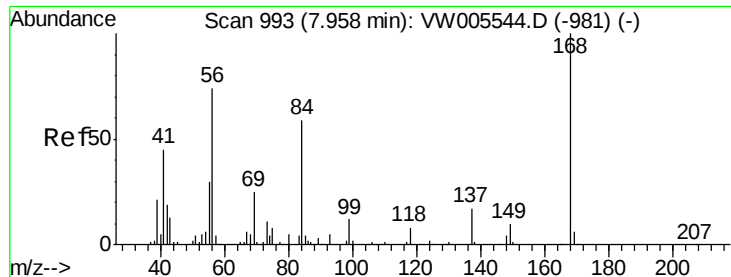
#25
2-Butanone
Concen: 1.087 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: VW005714.D
Acq: 27 Sep 2018 21:18

Tgt Ion: 43 Resp: 583
Ion Ratio Lower Upper
43 100
72 0.0 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

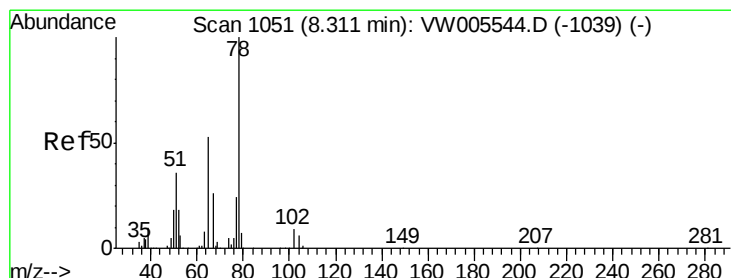
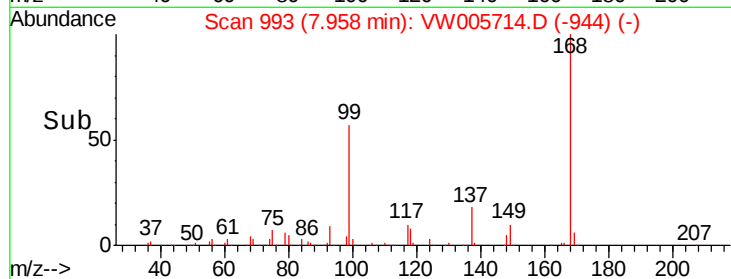
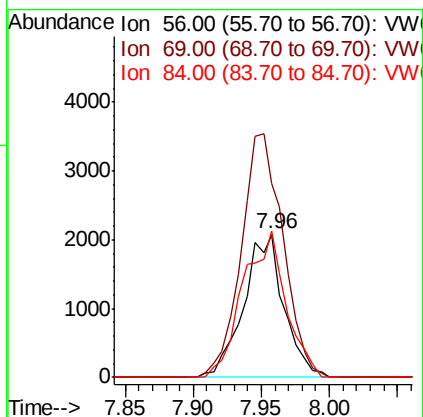
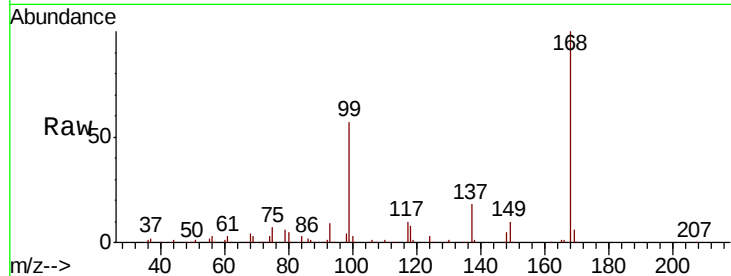




#31
Cyclohexane
Concen: 1.256 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005714.D
Acq: 27 Sep 2018 21:18

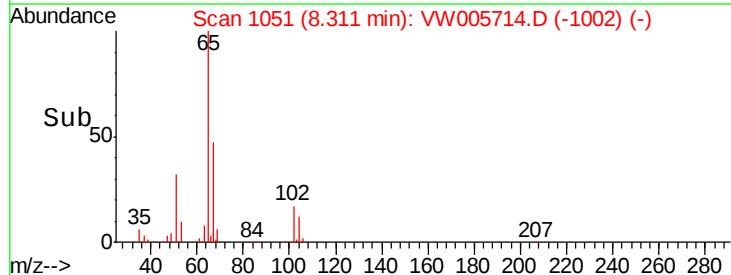
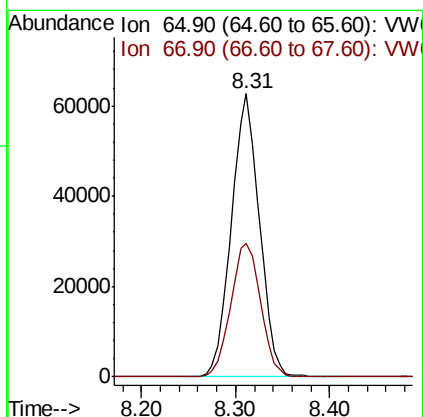
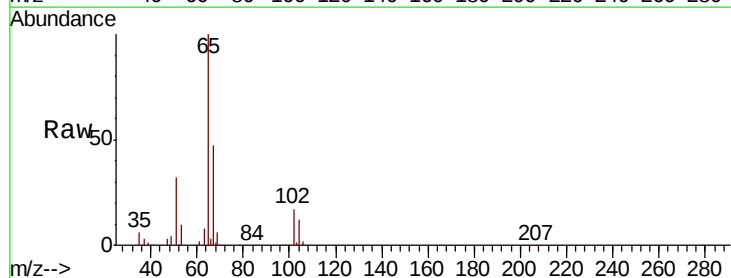
Instrument :
MSVOA_W
ClientSampleId :
EO-01-092718-B

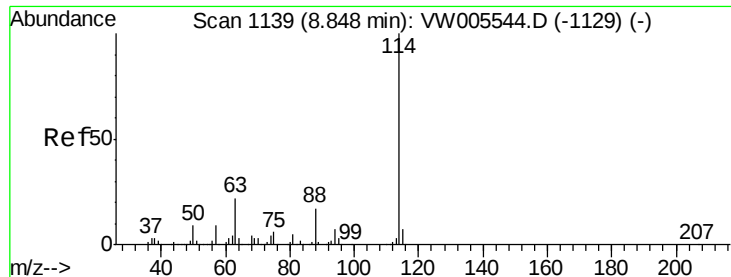
Tgt Ion: 56 Resp: 4298
Ion Ratio Lower Upper
56 100
69 135.6 27.0 40.4#
84 102.2 64.2 96.4#



#33
1,2-Dichloroethane-d4
Concen: 58.784 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005714.D
Acq: 27 Sep 2018 21:18

Tgt Ion: 65 Resp: 129773
Ion Ratio Lower Upper
65 100
67 50.0 0.0 100.6

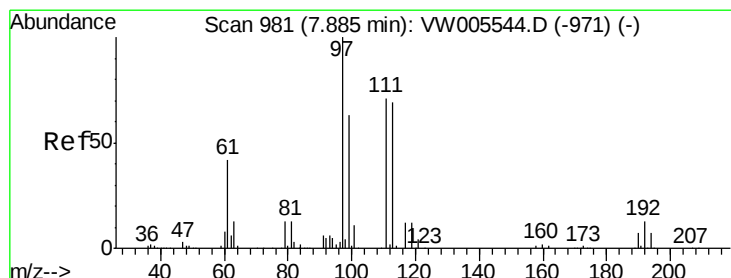
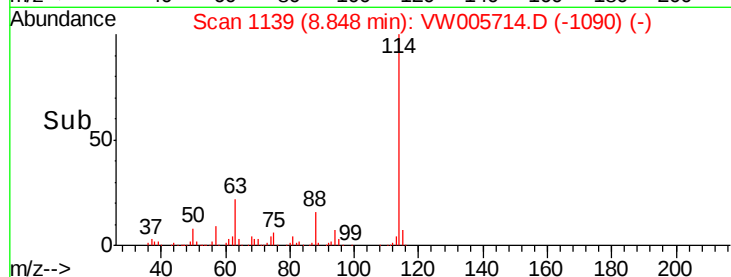
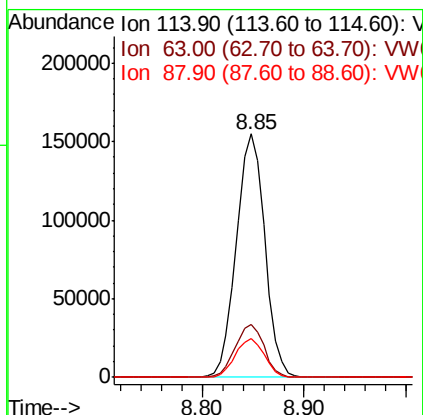
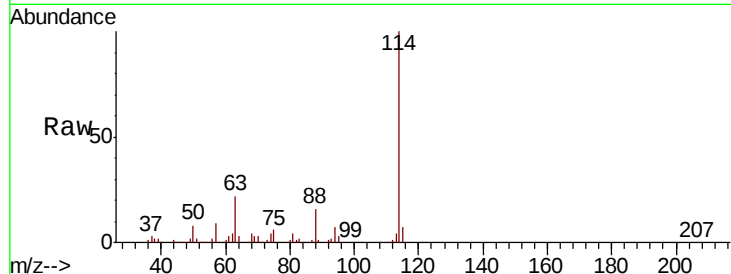




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005714.D
 Acq: 27 Sep 2018 21:18

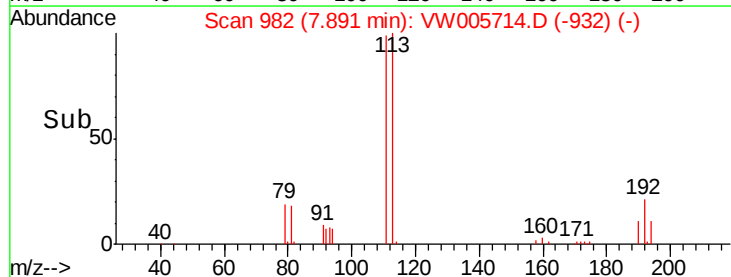
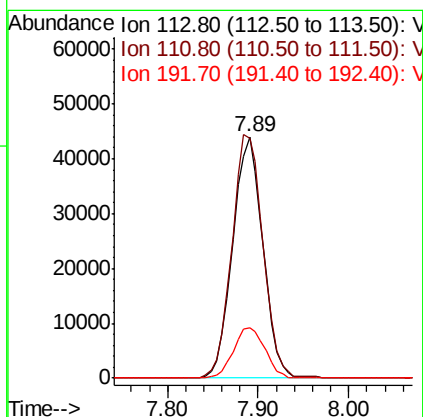
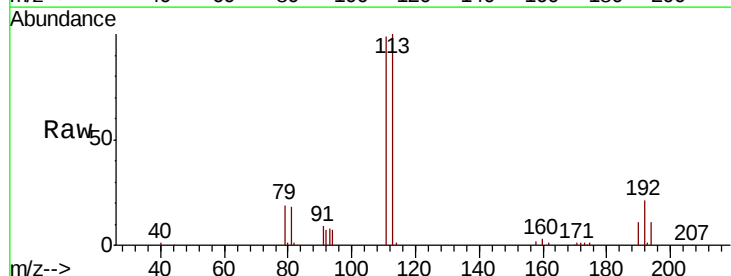
Instrument :
 MSVOA_W
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 EO-01-092718-B

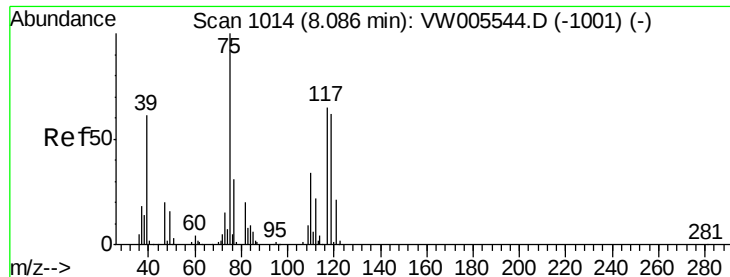
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	43.0
88	16.1	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 53.852 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005714.D
 Acq: 27 Sep 2018 21:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.6	123.8
192	21.8	17.0	25.4

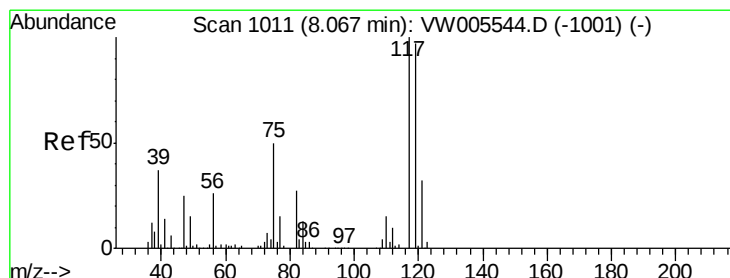
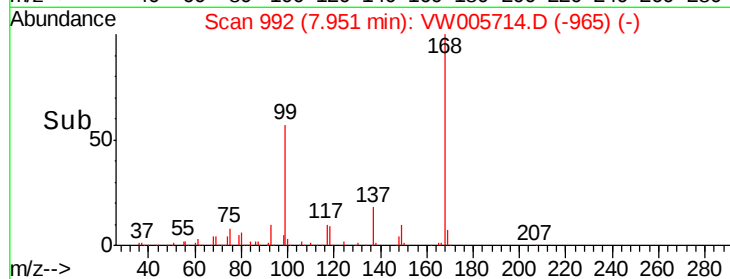
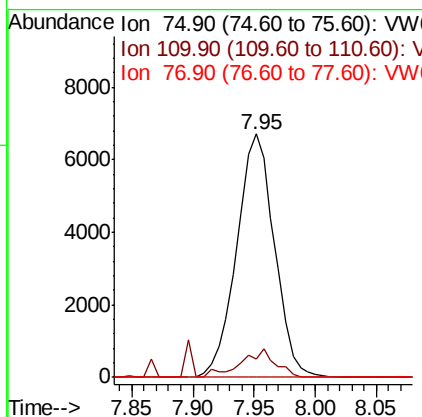
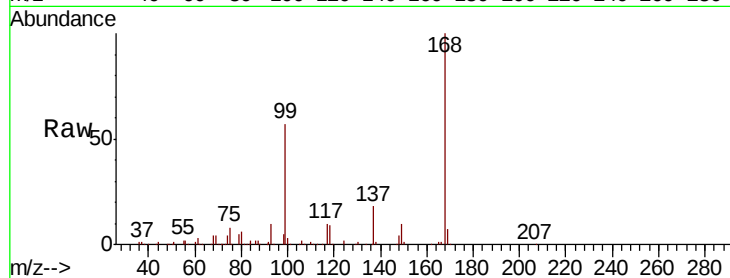




#36
 1,1-Dichloropropene
 Concen: 4.763 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005714.D
 Acq: 27 Sep 2018 21:18

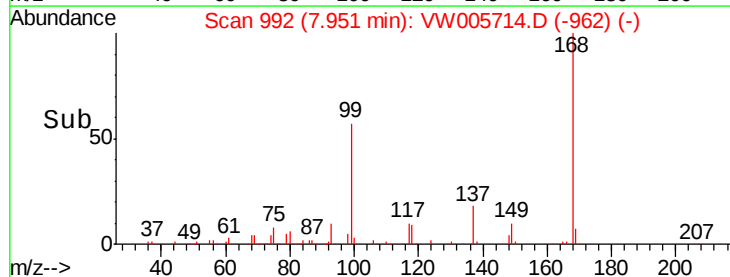
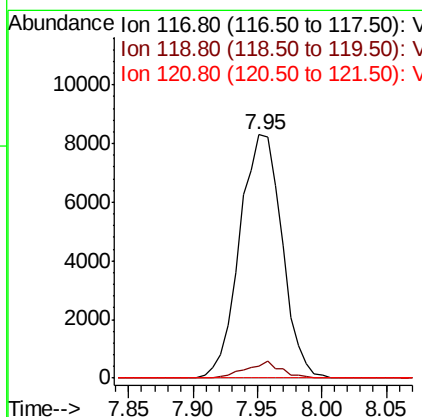
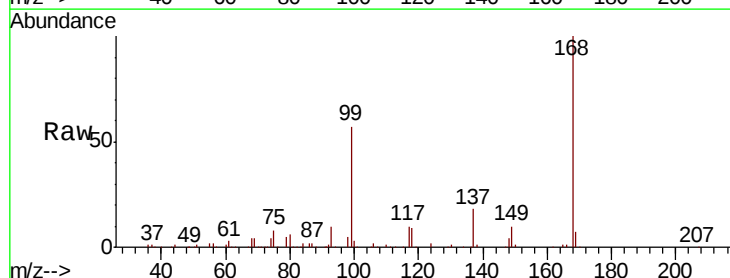
Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-092718-B

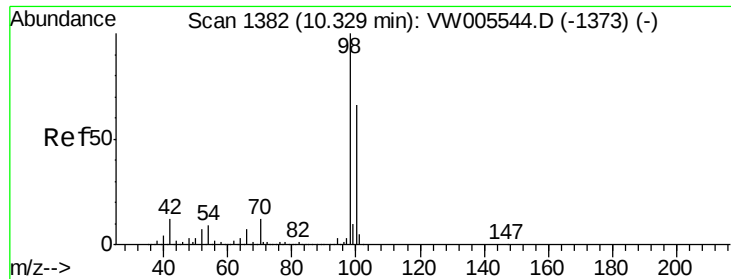
Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.7	17.0	50.9#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 5.817 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW005714.D
 Acq: 27 Sep 2018 21:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	77.6	116.4#
121	0.0	25.7	38.5#





#50

Toluene-d8

Concen: 45.753 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005714.D

Acq: 27 Sep 2018 21:18

Instrument :

MSVOA_W

ClientSampleId :

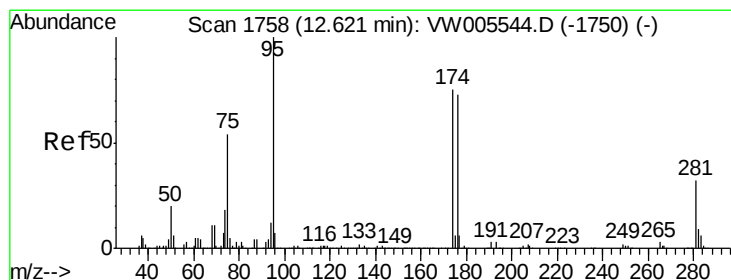
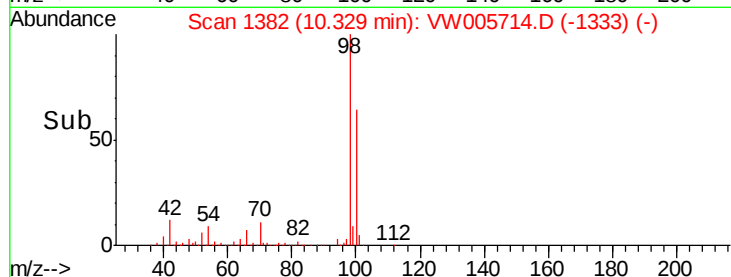
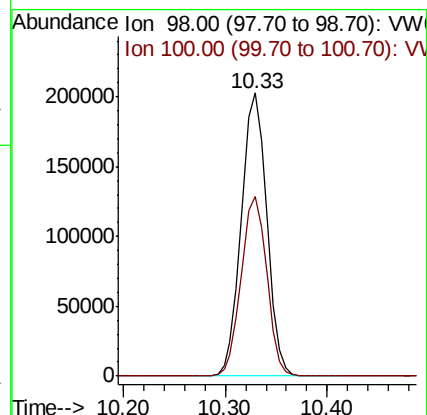
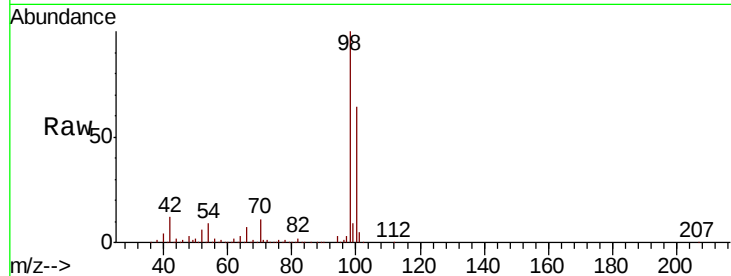
EO-01-092718-B

Tgt Ion: 98 Resp: 351125

Ion Ratio Lower Upper

98 100

100 63.7 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 34.997 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005714.D

Acq: 27 Sep 2018 21:18

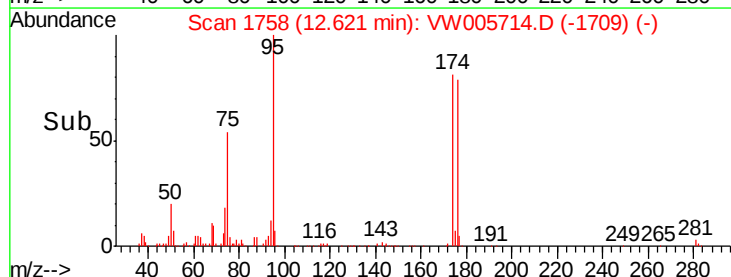
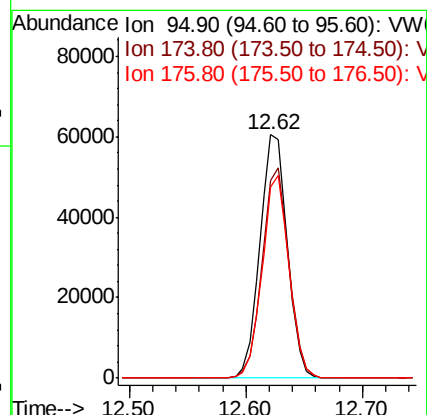
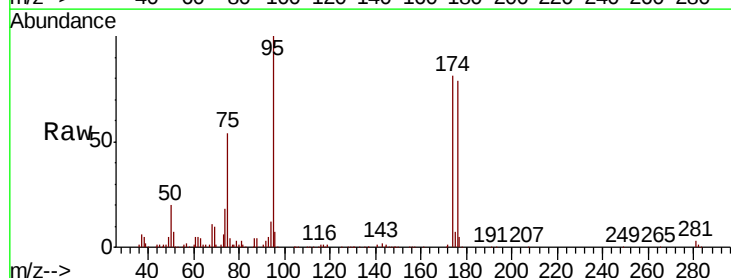
Tgt Ion: 95 Resp: 99382

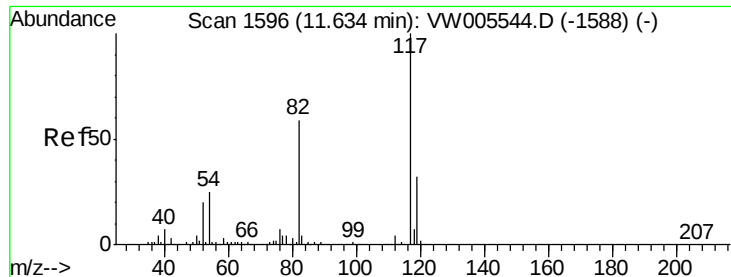
Ion Ratio Lower Upper

95 100

174 84.3 0.0 163.8

176 81.1 0.0 158.0

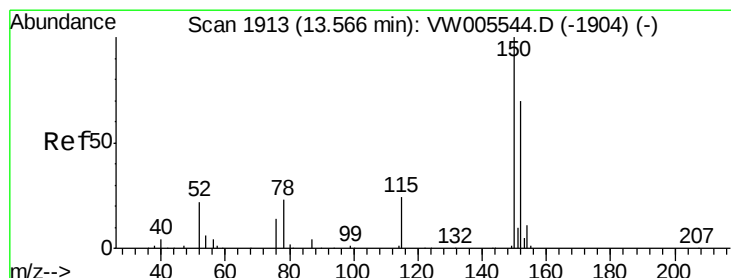
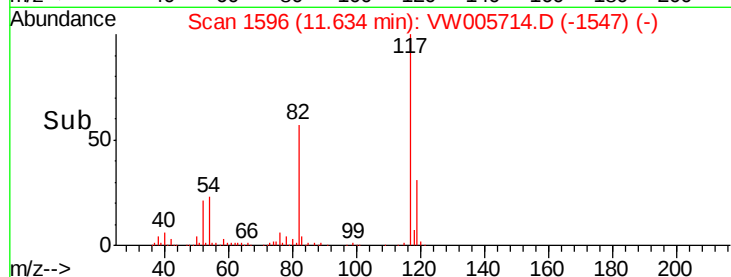
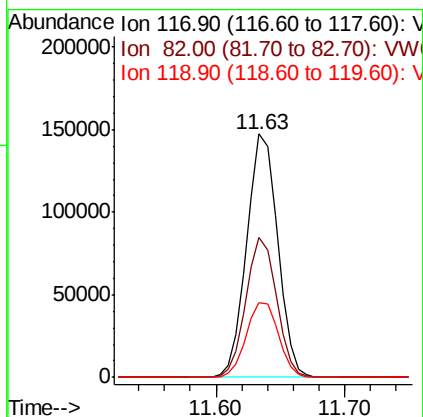
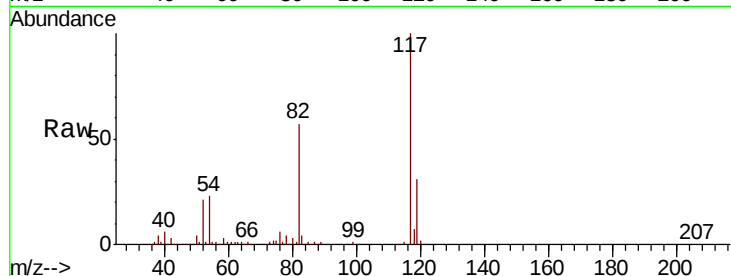




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005714.D
Acq: 27 Sep 2018 21:18

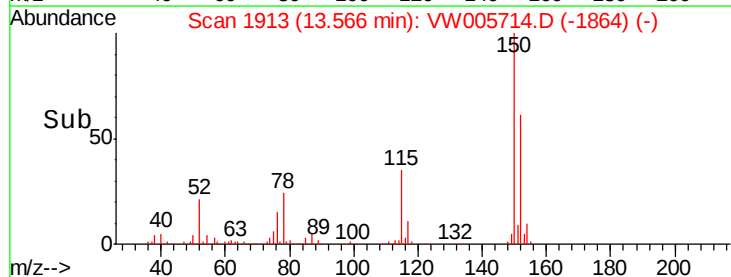
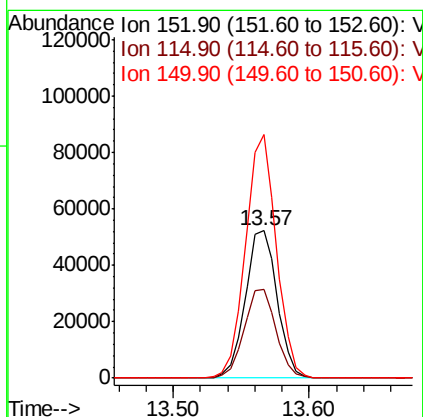
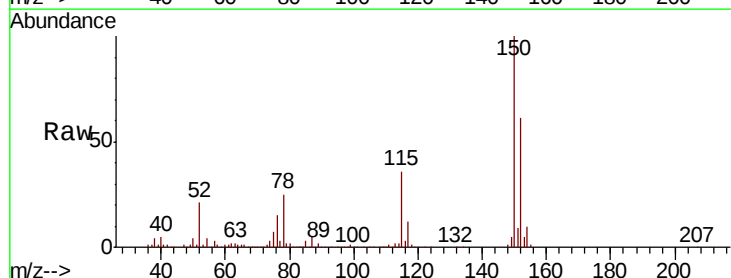
Instrument :
MSVOA_W
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EO-01-092718-B

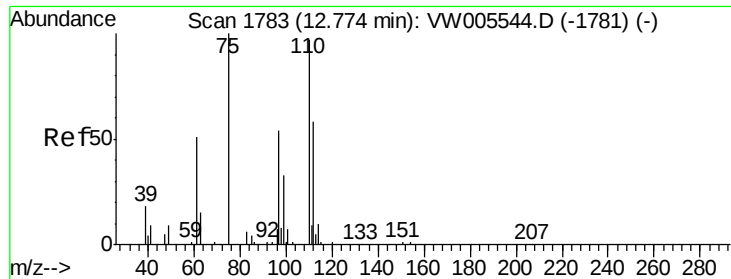
Tgt Ion:117 Resp: 244752
Ion Ratio Lower Upper
117 100
82 57.4 46.9 70.3
119 30.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005714.D
Acq: 27 Sep 2018 21:18

Tgt Ion:152 Resp: 85700
Ion Ratio Lower Upper
152 100
115 60.5 30.0 90.0
150 159.2 0.0 348.6

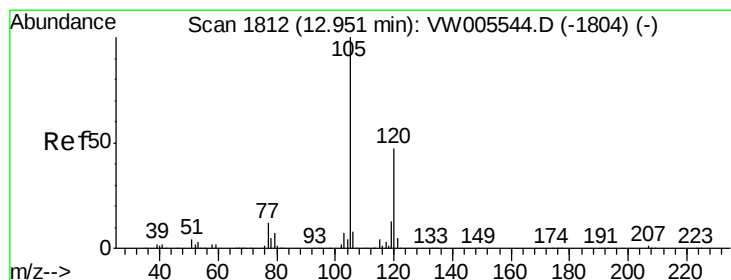
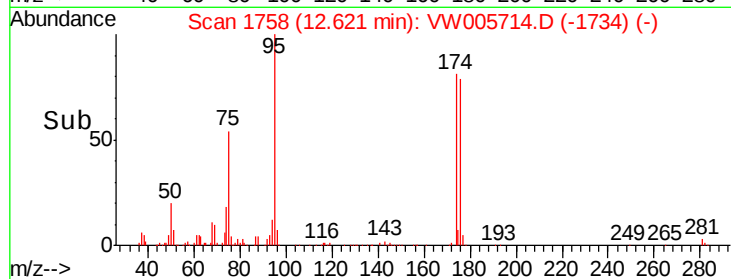
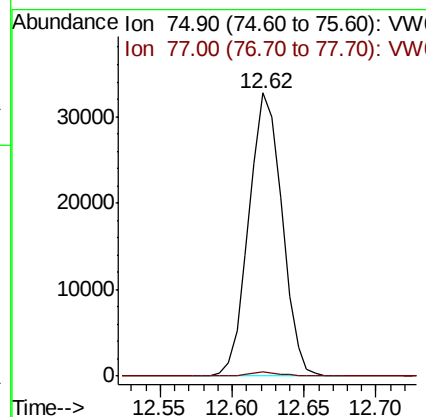
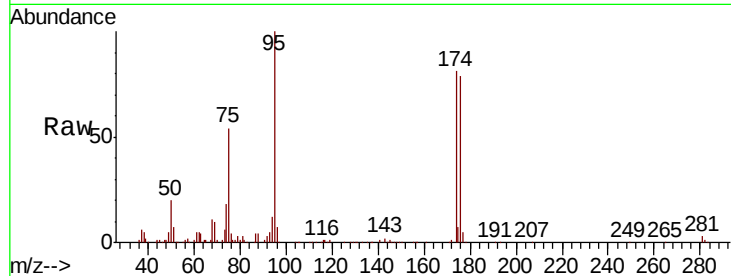




#76
 1,2,3-Trichloropropane
 Concen: 71.530 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW005714.D
 Acq: 27 Sep 2018 21:18

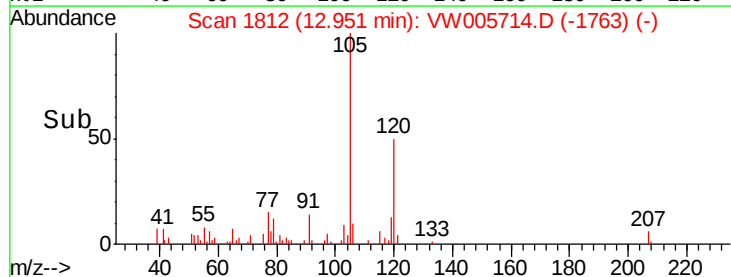
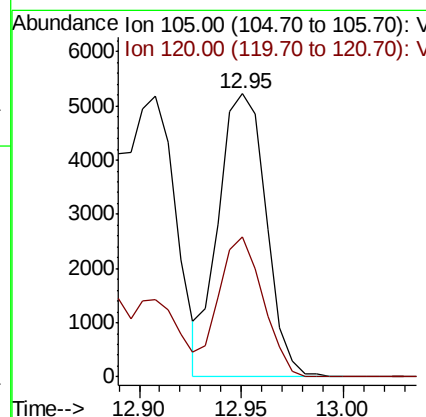
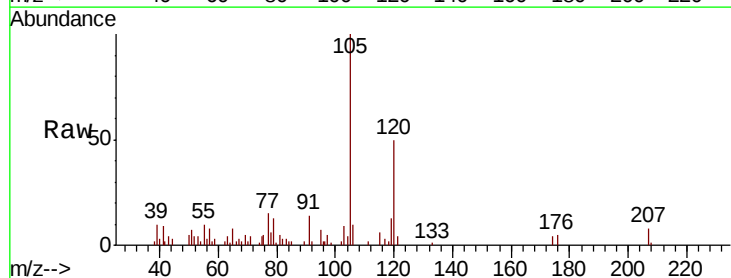
Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-092718-B

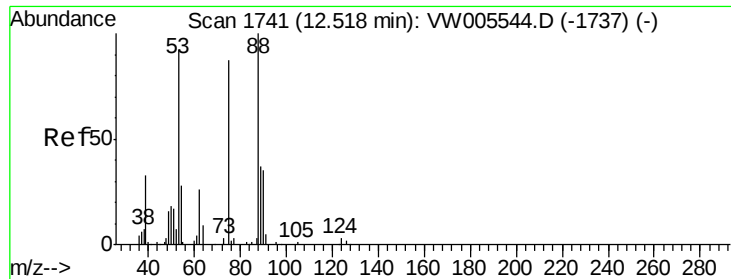
Tgt Ion: 75 Resp: 52255
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 1.635 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005714.D
 Acq: 27 Sep 2018 21:18

Tgt Ion: 105 Resp: 8449
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.6 70.8





#81

trans-1,4-Dichloro-2-butene

Concen: 161.107 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005714.D

Acq: 27 Sep 2018 21:18

Instrument :

MSVOA_W

ClientSampleId :

EO-01-092718-B

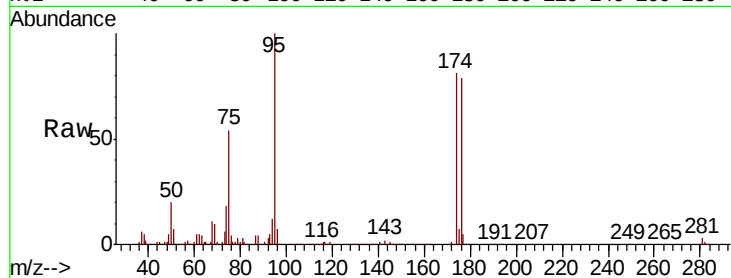
Tgt Ion: 75 Resp: 52255

Ion Ratio Lower Upper

75 100

53 0.2 85.8 128.6#

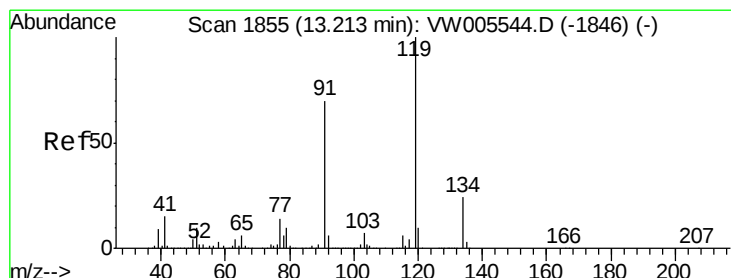
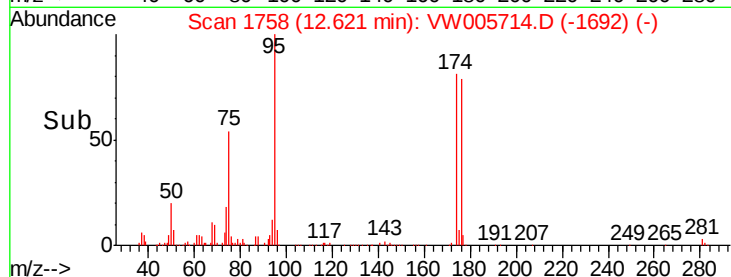
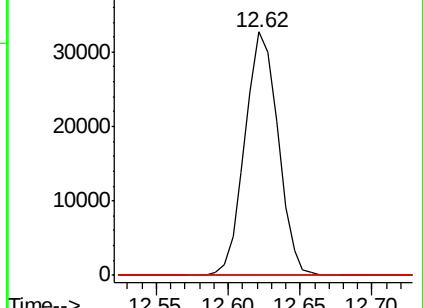
89 0.0 37.3 55.9#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#83

tert-Butylbenzene

Concen: 1.014 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.04 min

Lab File: VW005714.D

Acq: 27 Sep 2018 21:18

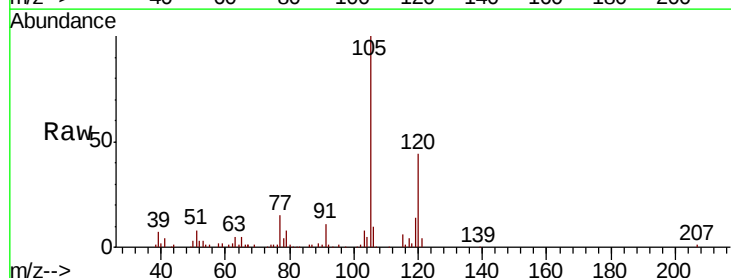
Tgt Ion: 119 Resp: 4401

Ion Ratio Lower Upper

119 100

91 85.0 34.6 103.8

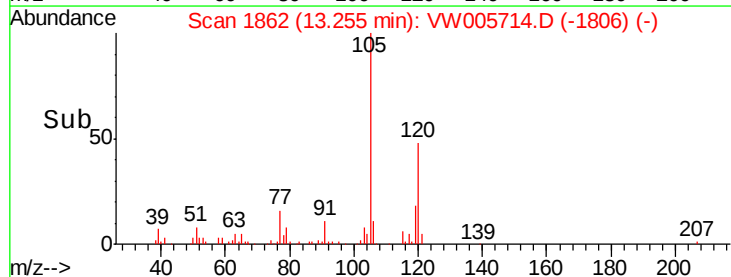
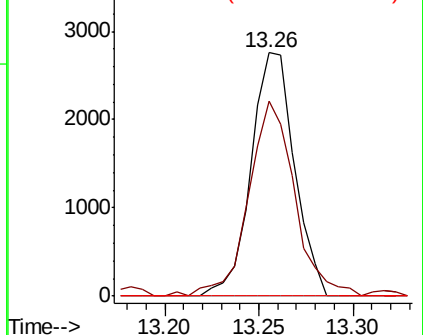
134 0.0 12.6 37.6#

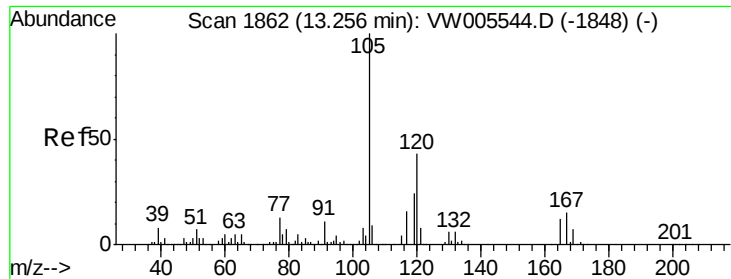


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V





#84
 1,2,4-Trimethylbenzene
 Concen: 6.037 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005714.D
 Acq: 27 Sep 2018 21:18

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-092718-B

Tgt Ion:105 Resp: 31482
 Ion Ratio Lower Upper
 105 100
 120 42.4 21.5 64.5

