

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092718\
 Data File : VW005713.D
 Acq On : 27 Sep 2018 20:53
 Operator : VA/AP
 Sample : J4776-09
 Misc : 6.98G/5ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Sep 28 01:24:18 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	176958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	279435	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	235884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	86318	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	121401	58.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.46%	
35) Dibromofluoromethane	7.89	113	91584	52.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.24%	
50) Toluene-d8	10.33	98	326854	45.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.36%	
62) 4-Bromofluorobenzene	12.63	95	96515	36.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.90%	

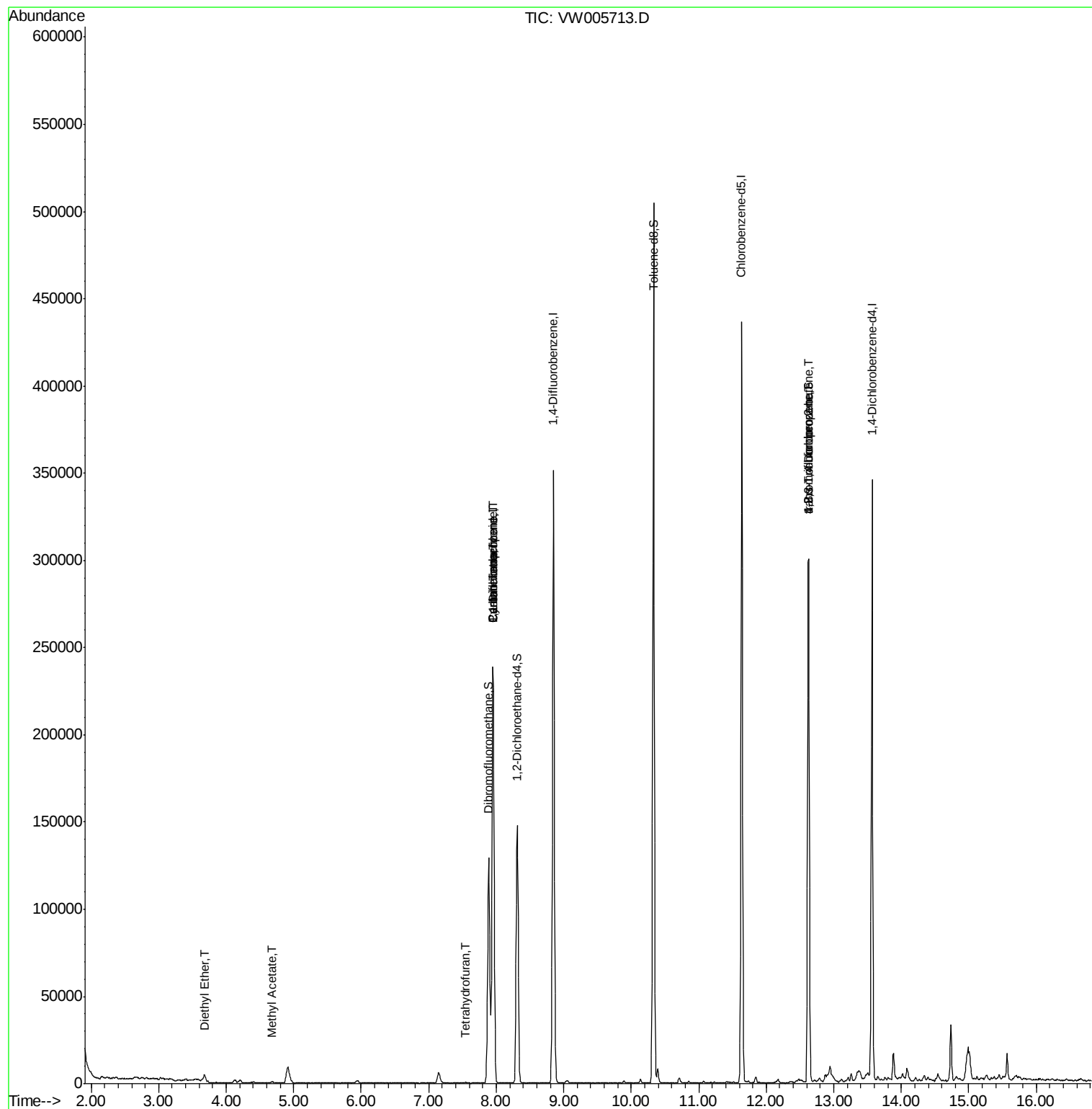
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	2149	2.474	ug/l	89
11) Tert butyl alcohol	5.19	59	68	Below Cal	#	72
16) Acetone	4.13	43	2956	Below Cal		99
18) Methyl Acetate	4.68	43	1323	1.339	ug/l #	73
29) Tetrahydrofuran	7.55	42	342	1.081	ug/l #	66
31) Cyclohexane	7.95	56	3895	1.205	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	13480	4.792	ug/l #	50
38) Carbon Tetrachloride	7.95	117	17690	5.869	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	50383	68.474	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	50383	154.223	ug/l #	7

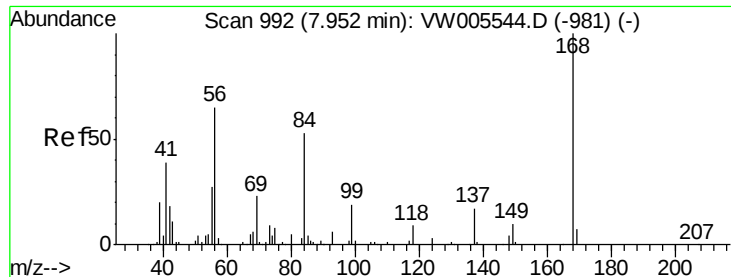
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092718\
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Quant Title : SW846 8260
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: VW005713.D

Acq: 27 Sep 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

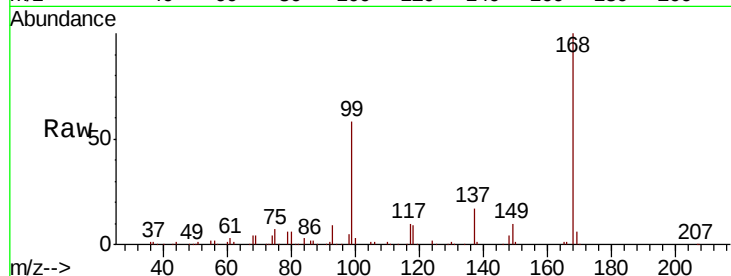
EO-01-092718-C

Tgt Ion:168 Resp: 176958

Ion Ratio Lower Upper

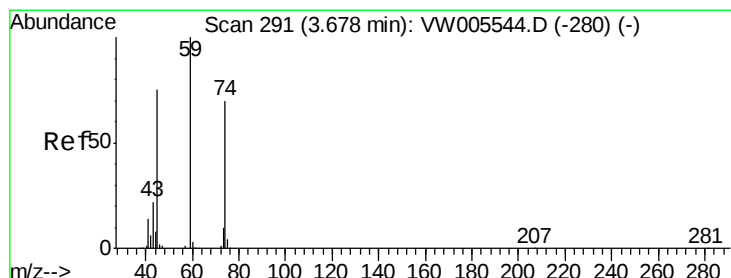
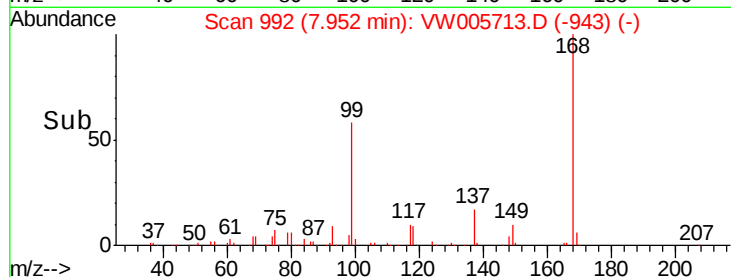
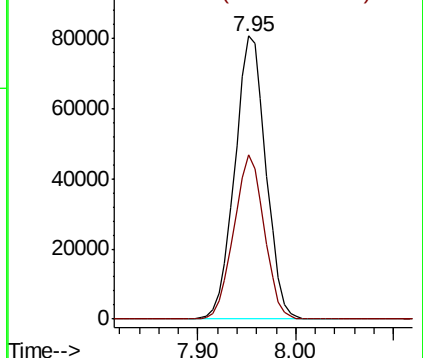
168 100

99 58.3 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.474 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW005713.D

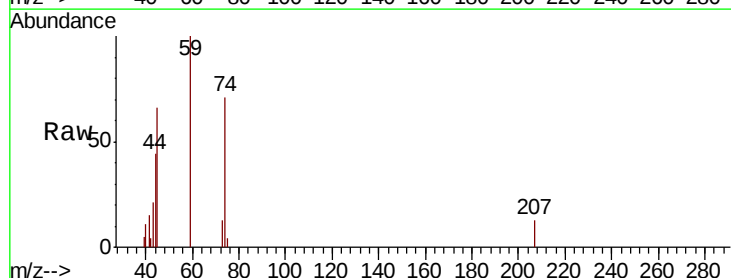
Acq: 27 Sep 2018 20:53

Tgt Ion: 74 Resp: 2149

Ion Ratio Lower Upper

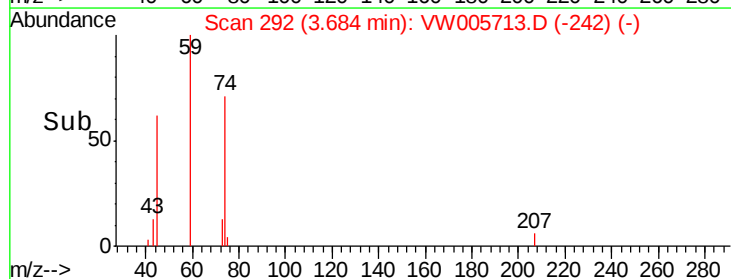
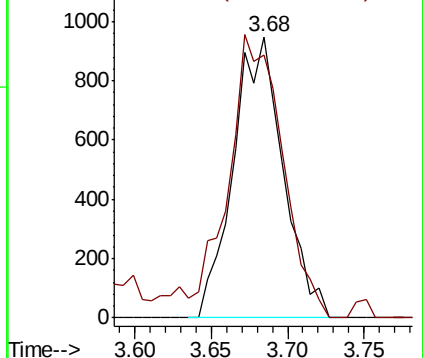
74 100

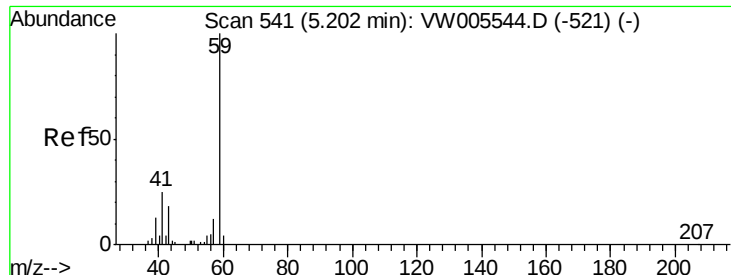
45 114.4 51.7 155.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



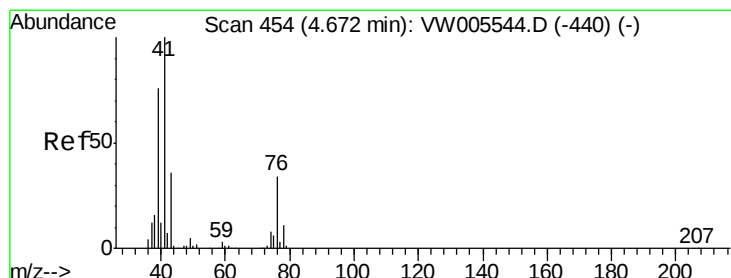
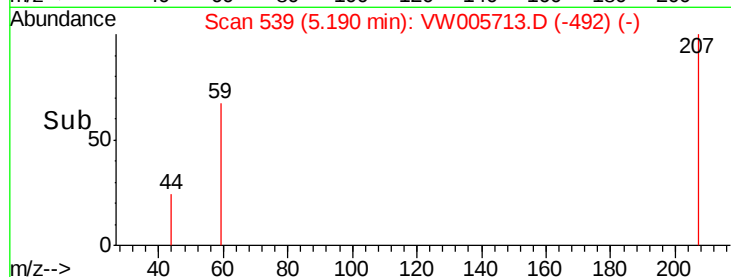
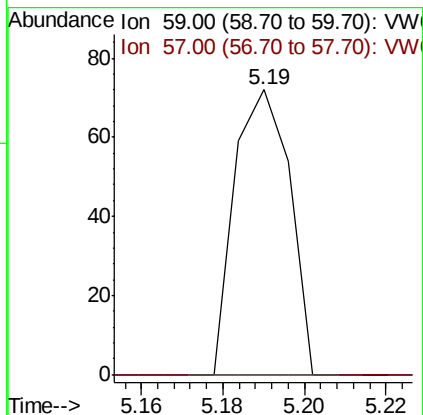
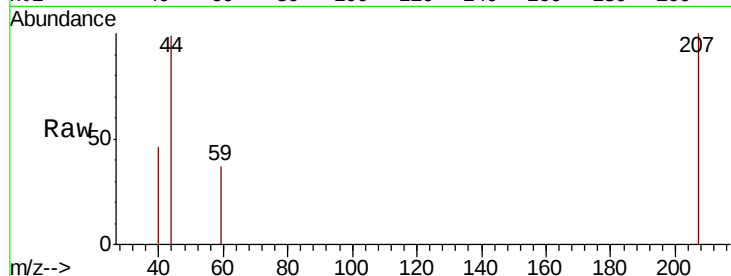


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.19 min Scan# 539
 Delta R.T. -0.01 min
 Lab File: VW005713.D
 Acq: 27 Sep 2018 20:53

Instrument :
 MSVOA_W
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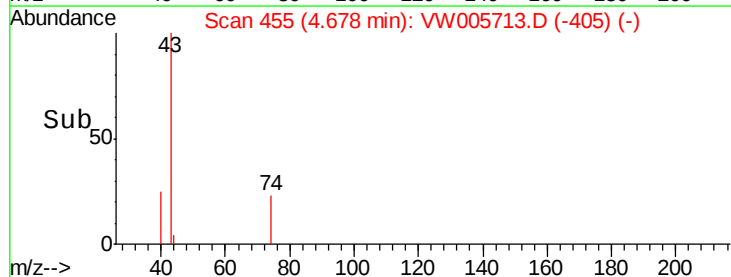
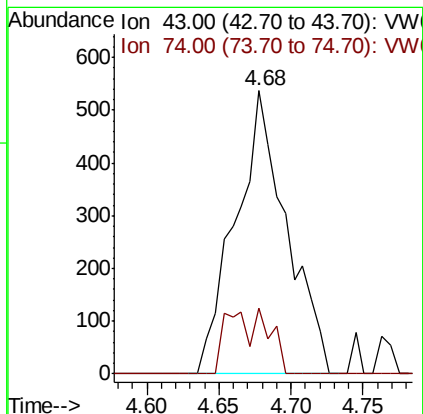
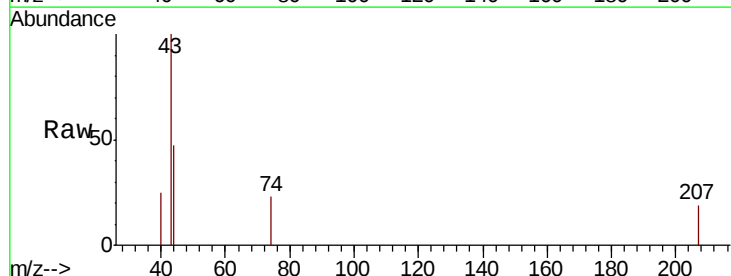
Tgt Ion: 59 Resp: 68
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

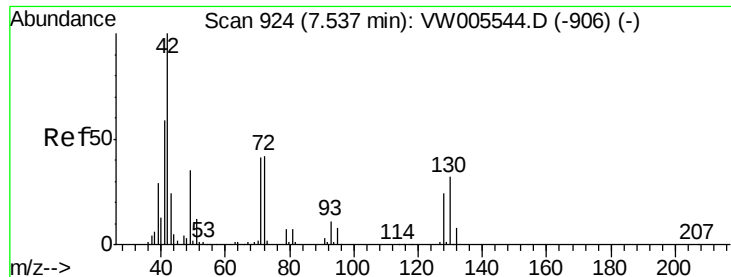


#18

Methyl Acetate
 Concen: 1.339 ug/l
 RT: 4.68 min Scan# 455
 Delta R.T. 0.01 min
 Lab File: VW005713.D
 Acq: 27 Sep 2018 20:53

Tgt Ion: 43 Resp: 1323
 Ion Ratio Lower Upper
 43 100
 74 10.9 19.2 28.8#

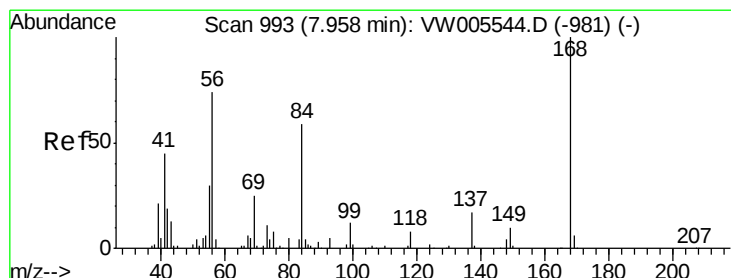
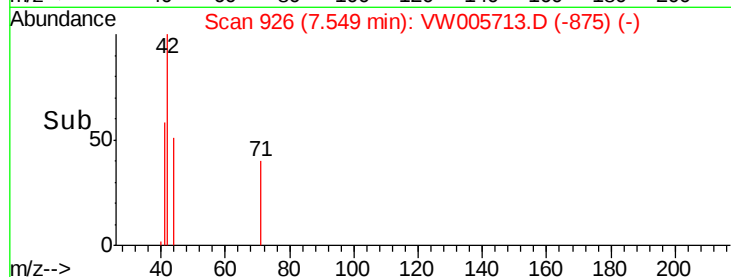
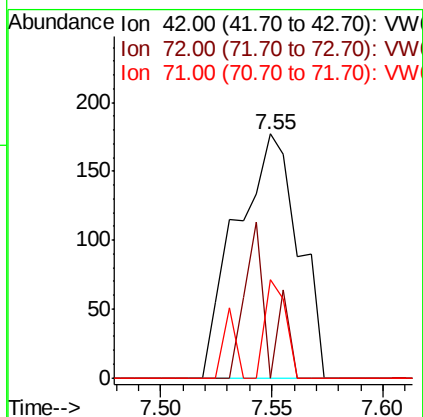
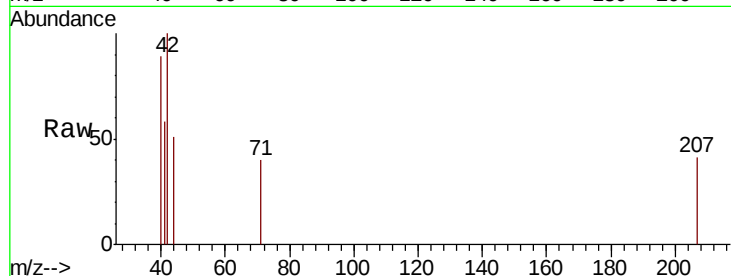




#29
Tetrahydrofuran
Concen: 1.081 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.01 min
Lab File: VW005713.D
Acq: 27 Sep 2018 20:53

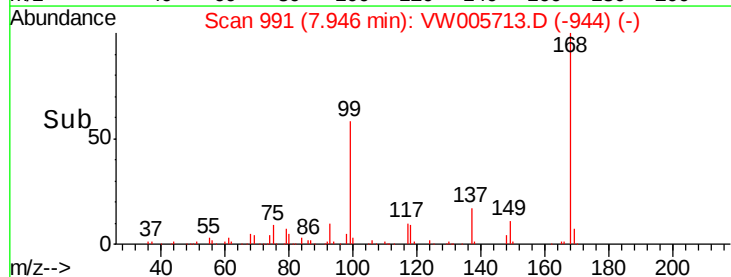
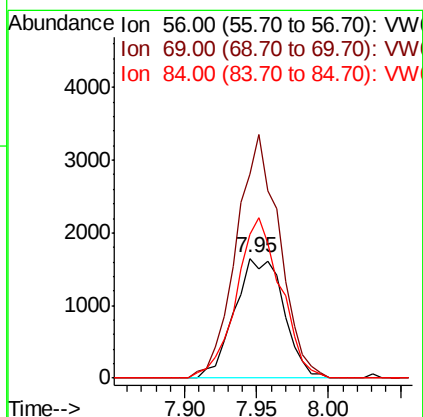
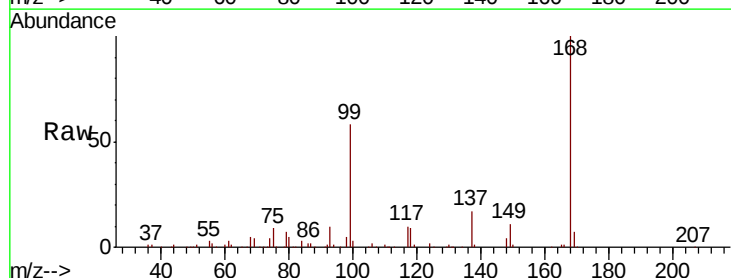
Instrument :
MSVOA_W
ClientSampleId :
EO-01-092718-C

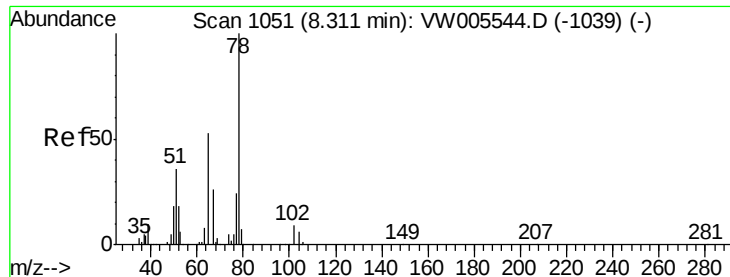
Tgt Ion: 42 Resp: 342
Ion Ratio Lower Upper
42 100
72 25.1 33.6 50.4#
71 13.7 31.8 47.6#



#31
Cyclohexane
Concen: 1.205 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW005713.D
Acq: 27 Sep 2018 20:53

Tgt Ion: 56 Resp: 3895
Ion Ratio Lower Upper
56 100
69 170.3 27.0 40.4#
84 120.4 64.2 96.4#

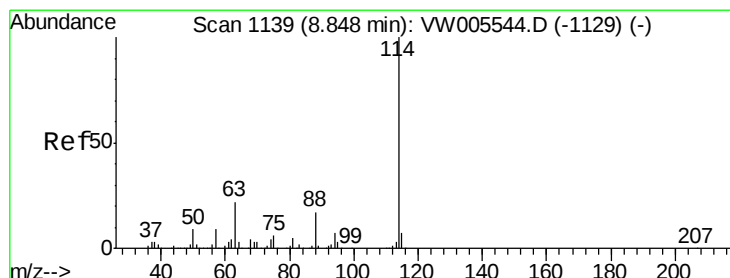
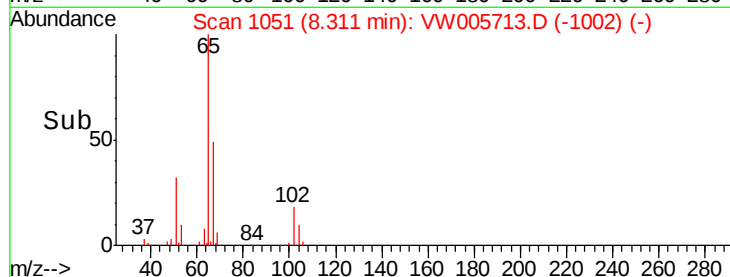
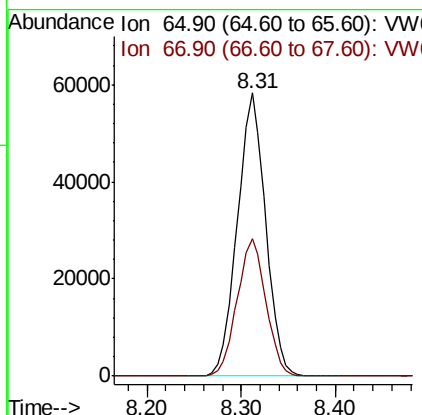
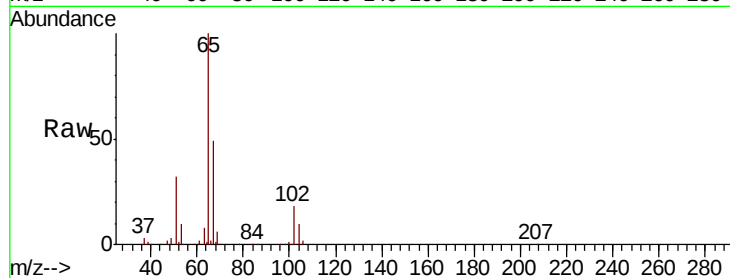




#33
 1,2-Dichloroethane-d4
 Concen: 58.234 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005713.D
 Acq: 27 Sep 2018 20:53

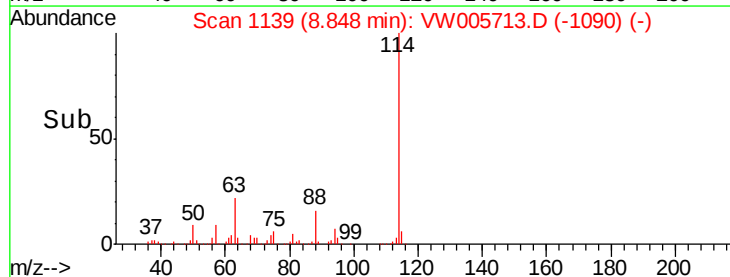
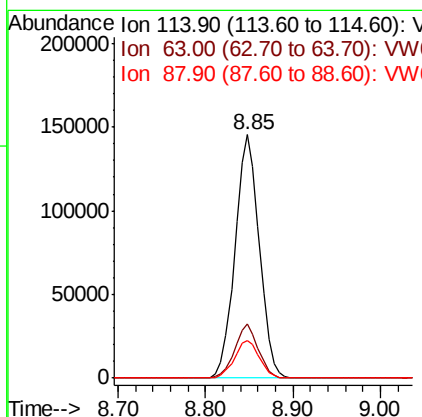
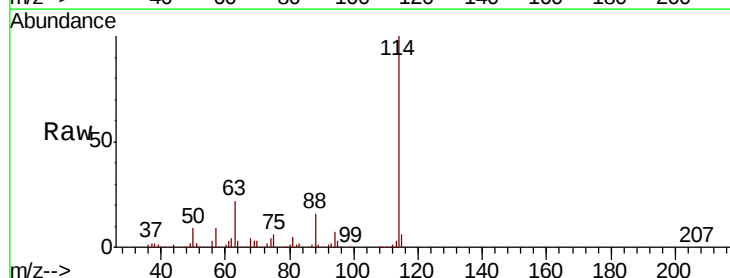
Instrument :
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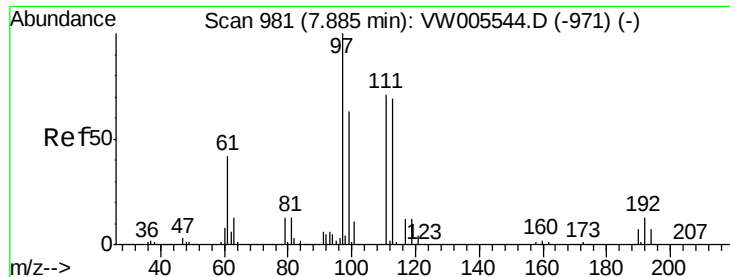
Tgt Ion: 65 Resp: 121401
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005713.D
 Acq: 27 Sep 2018 20:53

Tgt Ion: 114 Resp: 279435
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.0
 88 15.5 0.0 33.0

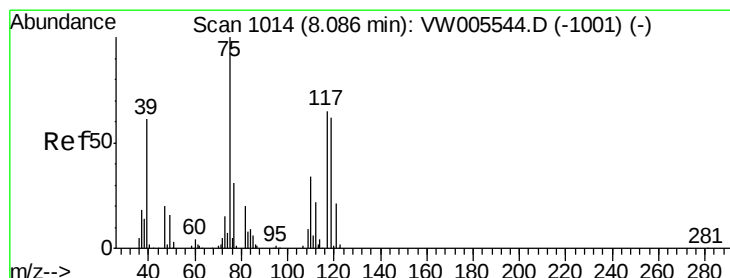
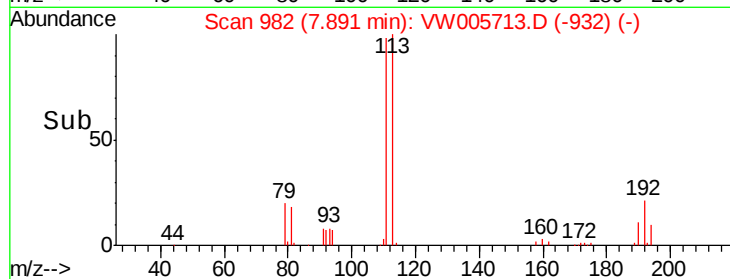
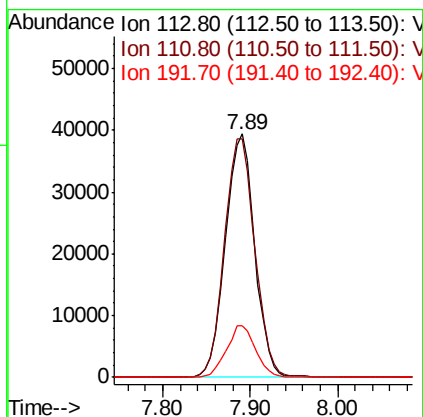
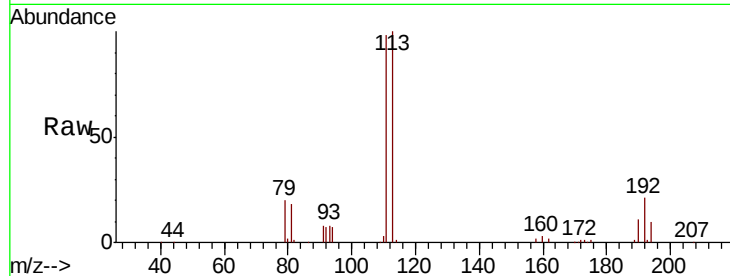




#35
 Dibromofluoromethane
 Concen: 52.118 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005713.D
 Acq: 27 Sep 2018 20:53

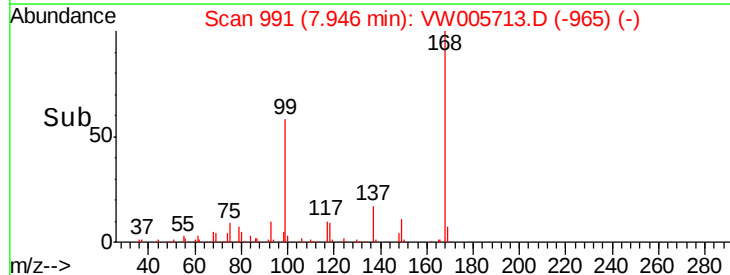
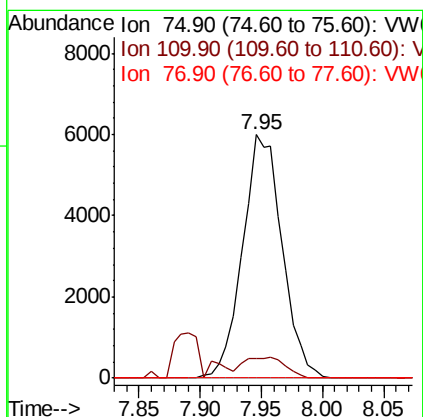
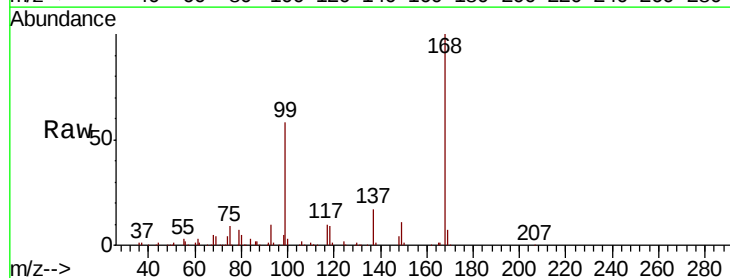
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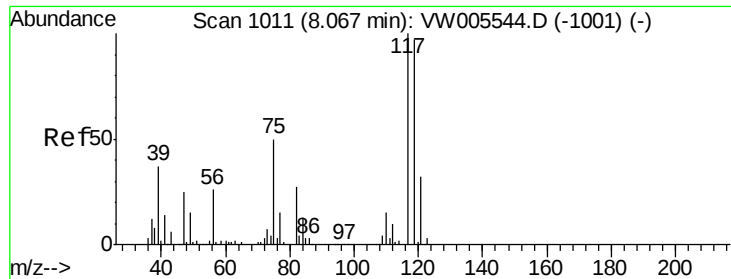
Tgt Ion: 113 Resp: 91584
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.6 123.8
 192 21.0 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 4.792 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW005713.D
 Acq: 27 Sep 2018 20:53

Tgt Ion: 75 Resp: 13480
 Ion Ratio Lower Upper
 75 100
 110 9.0 17.0 50.9#
 77 0.0 24.8 37.2#

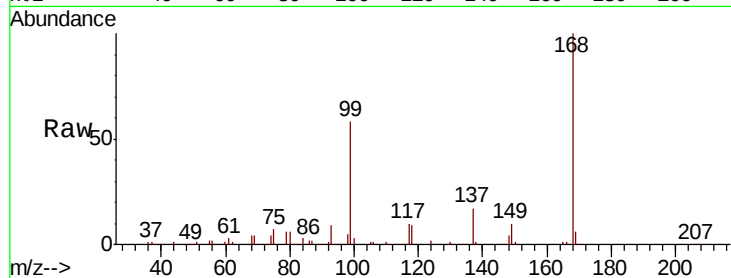




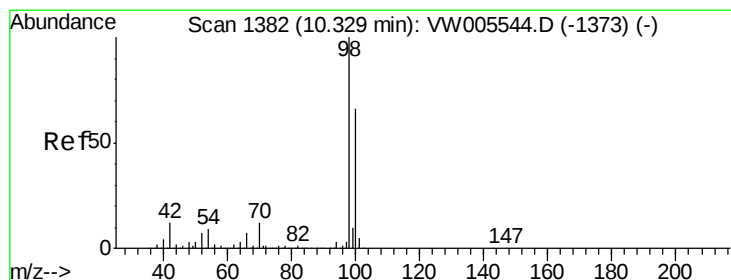
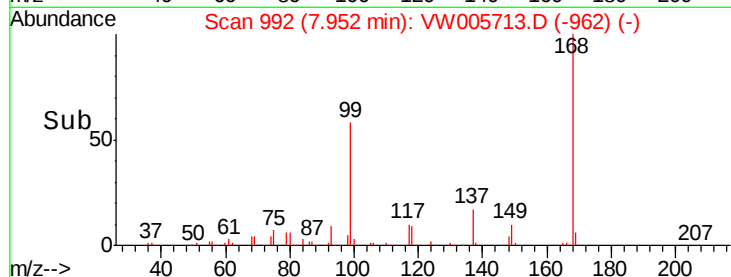
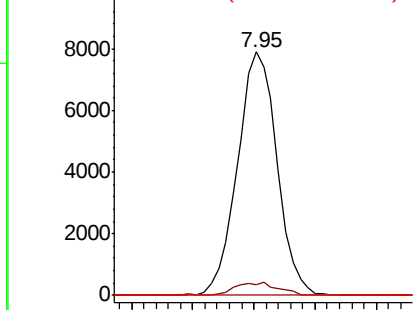
#38
Carbon Tetrachloride
Concen: 5.869 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW005713.D
Acq: 27 Sep 2018 20:53

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

Tgt Ion:117 Resp: 17690
Ion Ratio Lower Upper
117 100
119 4.6 77.6 116.4#
121 0.0 25.7 38.5#

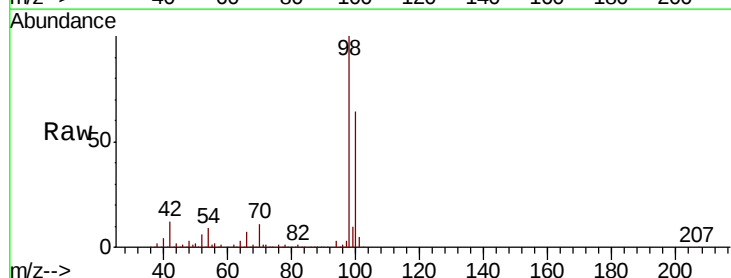


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

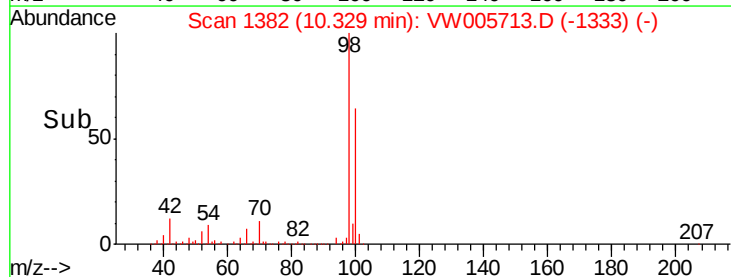
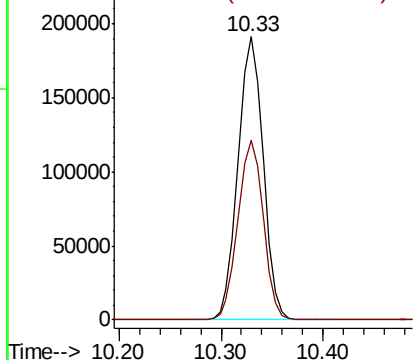


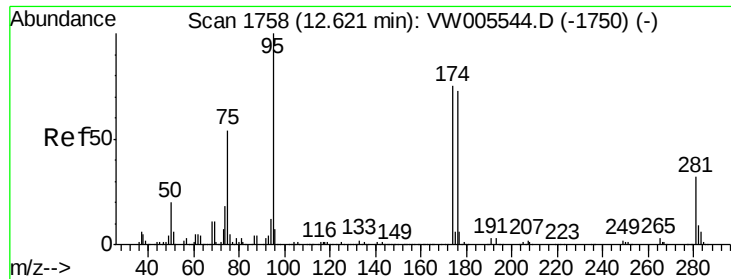
#50
Toluene-d8
Concen: 45.681 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005713.D
Acq: 27 Sep 2018 20:53

Tgt Ion: 98 Resp: 326854
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4



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

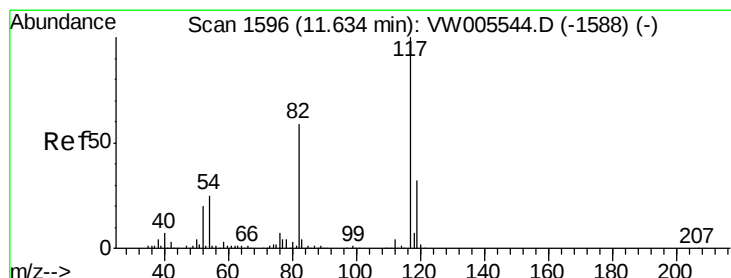
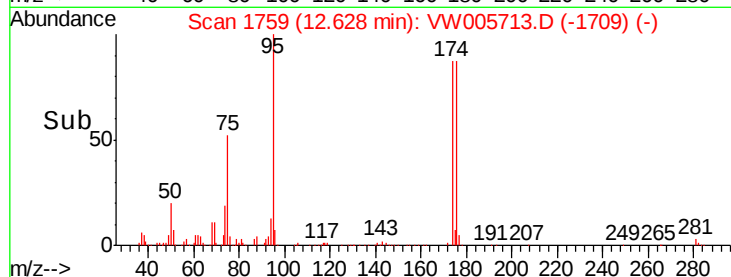
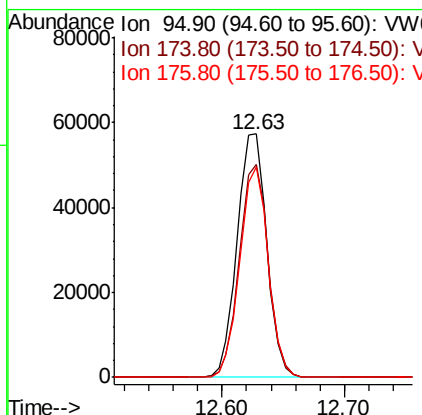
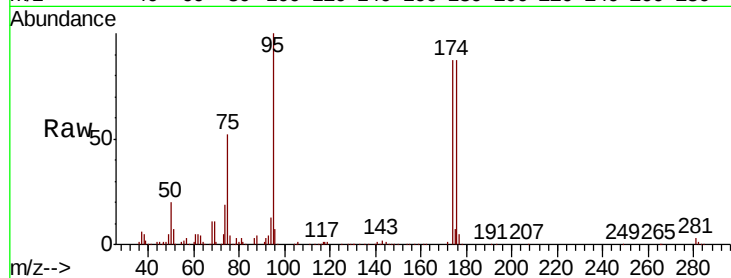




#62
4-Bromofluorobenzene
Concen: 36.454 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW005713.D
Acq: 27 Sep 2018 20:53

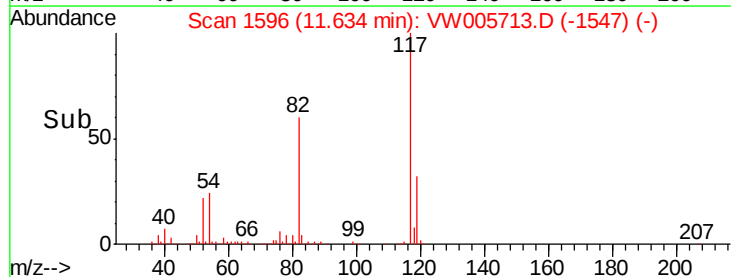
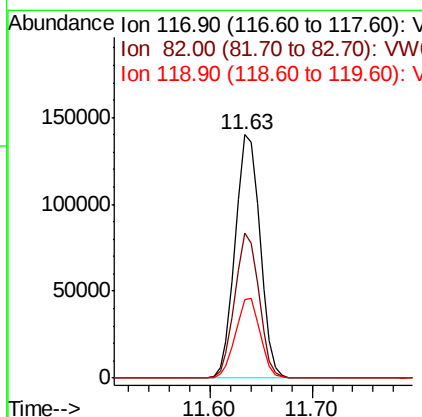
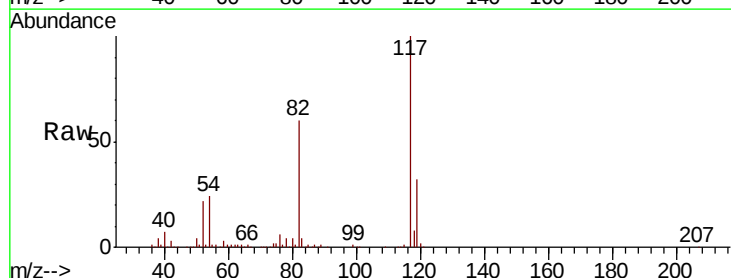
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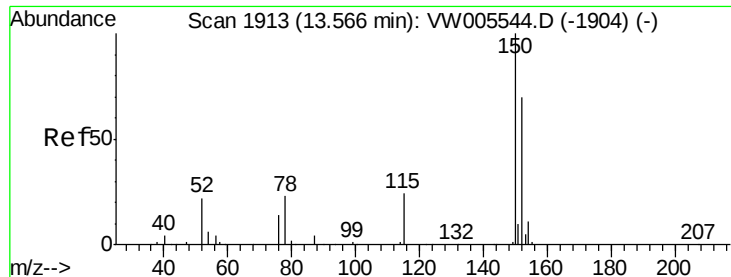
Tgt Ion: 95 Resp: 96515
Ion Ratio Lower Upper
95 100
174 85.5 0.0 163.8
176 82.7 0.0 158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005713.D
Acq: 27 Sep 2018 20:53

Tgt Ion: 117 Resp: 235884
Ion Ratio Lower Upper
117 100
82 59.5 46.9 70.3
119 32.2 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: VW005713.D

Acq: 27 Sep 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

EO-01-092718-C

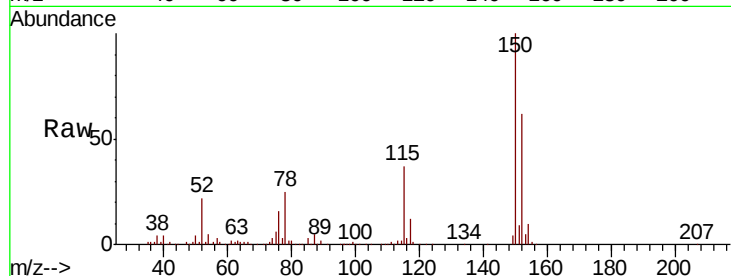
Tgt Ion:152 Resp: 86318

Ion Ratio Lower Upper

152 100

115 59.0 30.0 90.0

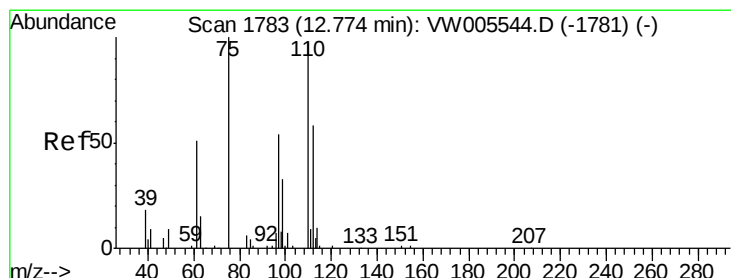
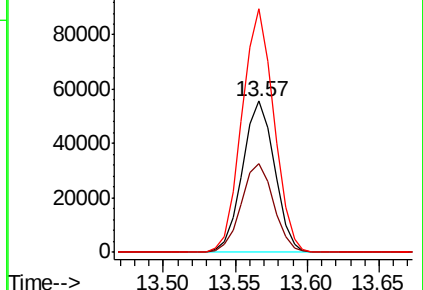
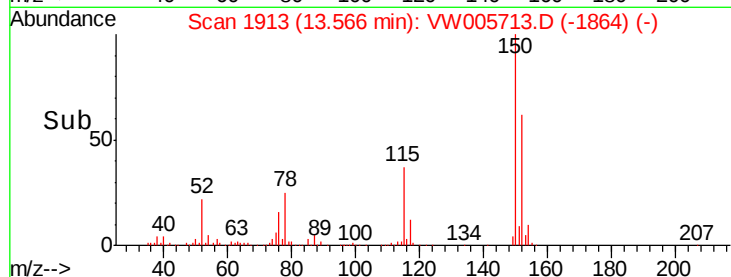
150 159.5 0.0 348.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 68.474 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005713.D

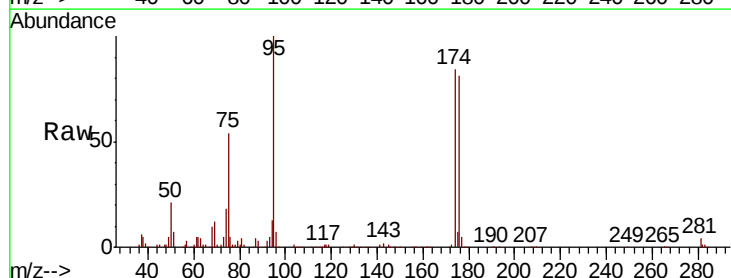
Acq: 27 Sep 2018 20:53

Tgt Ion: 75 Resp: 50383

Ion Ratio Lower Upper

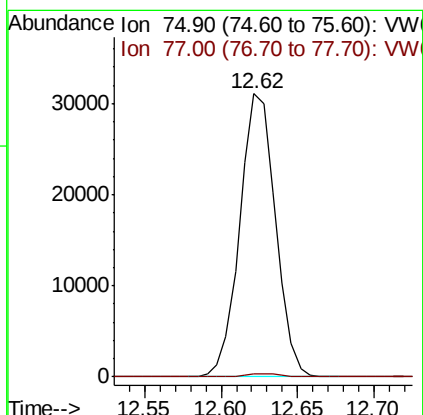
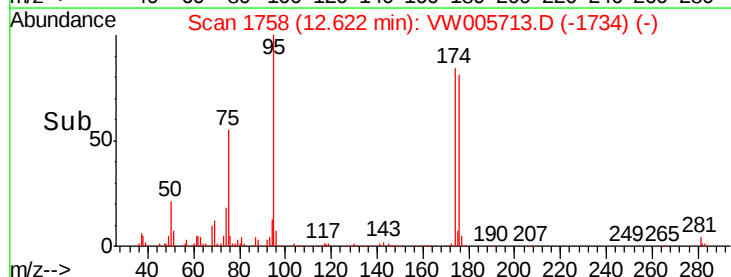
75 100

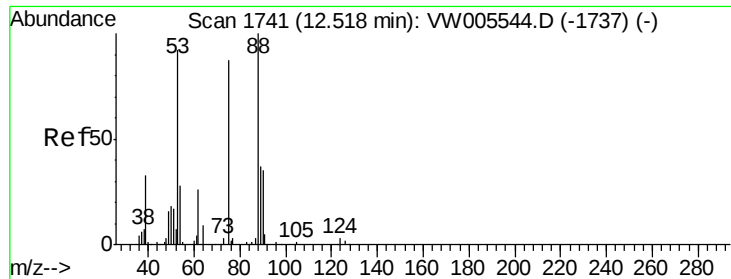
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 154.223 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005713.D

Acq: 27 Sep 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

EO-01-092718-C

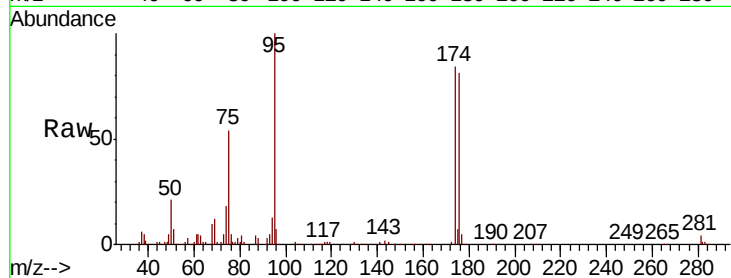
Tgt Ion: 75 Resp: 50383

Ion Ratio Lower Upper

75 100

53 0.0 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

