

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003794.D
 Acq On : 10 Jul 2018 00:13
 Operator : SY/AP
 Sample : VW0709SBL02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBL02

Quant Time: Jul 10 01:57:53 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	173828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	304670	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	288559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	140190	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	133207	58.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.20%	
35) Dibromofluoromethane	7.88	113	113118	53.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.10%	
50) Toluene-d8	10.33	98	410283	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.62	95	133120	45.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.22%	

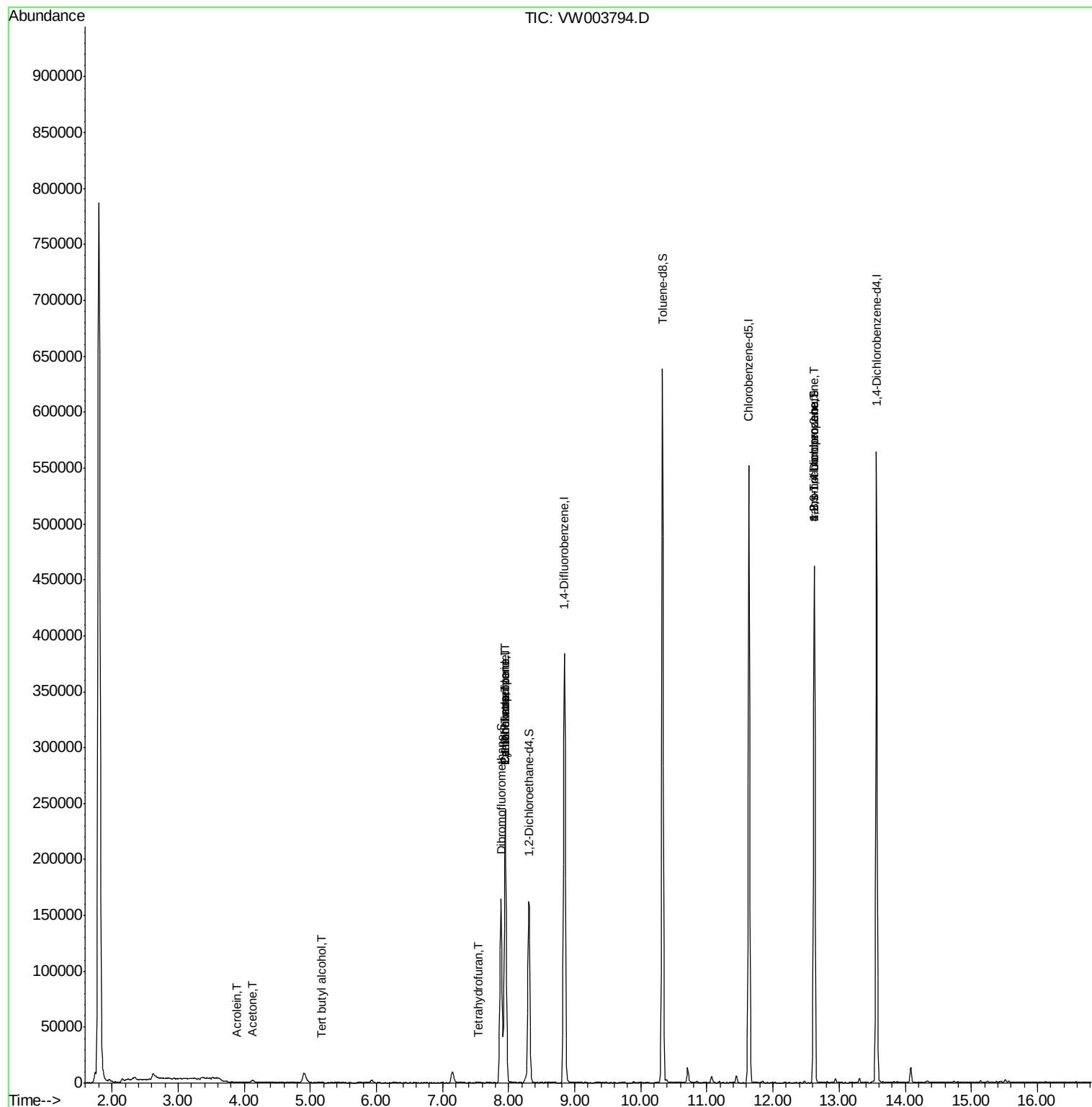
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	283	2.297	ug/l #	70
13) Acrolein	3.89	56	51	4.987	ug/l #	78
16) Acetone	4.12	43	3764	9.544	ug/l	95
20) Methylene Chloride	4.91	84	7046	Below Cal		87
29) Tetrahydrofuran	7.54	42	685	1.725	ug/l #	64
31) Cyclohexane	7.95	56	4737	1.428	ug/l #	34
36) 1,1-Dichloropropene	7.95	75	14891	4.606	ug/l #	50
38) Carbon Tetrachloride	7.95	117	17626	5.735	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	72441	52.621	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	72441	128.725	ug/l #	8

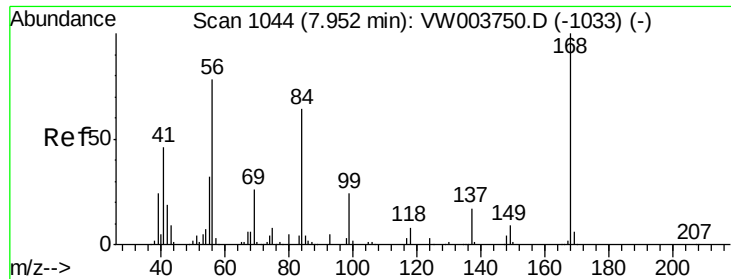
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003794.D

Acq: 10 Jul 2018 00:13

Instrument :

MSVOA_W

ClientSampleId :

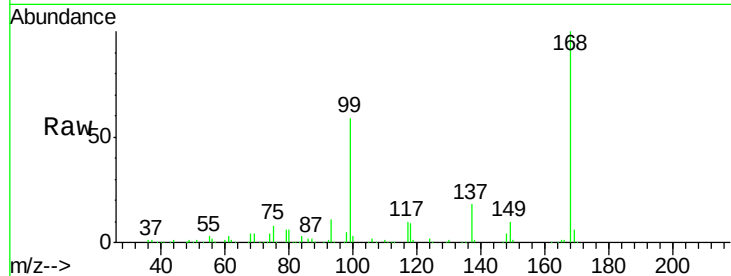
VW0709SBL02

Tot Ion:168 Resp: 173828

Ion Ratio Lower Upper

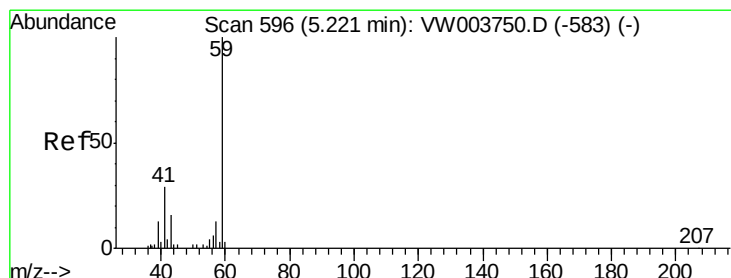
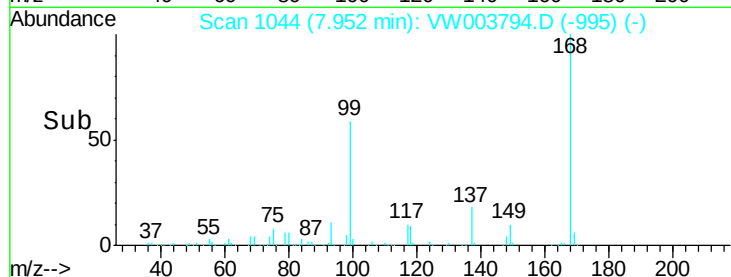
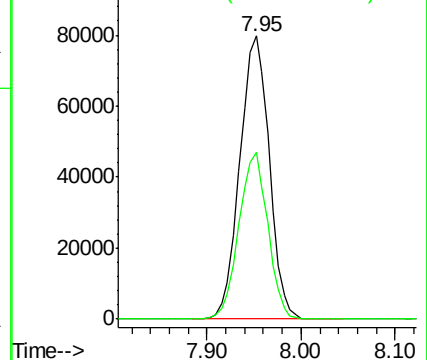
168 100

99 58.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.297 ug/l

RT: 5.17 min Scan# 588

Delta R.T. -0.05 min

Lab File: VW003794.D

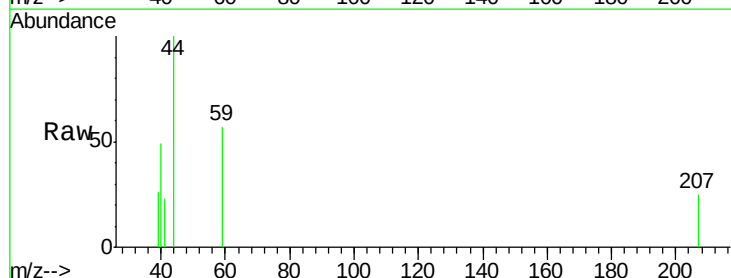
Acq: 10 Jul 2018 00:13

Tgt Ion: 59 Resp: 283

Ion Ratio Lower Upper

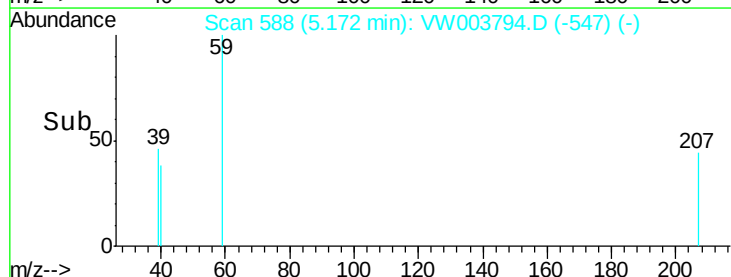
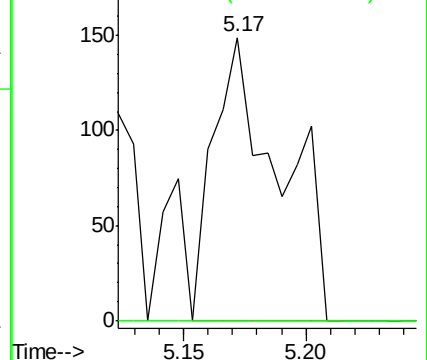
59 100

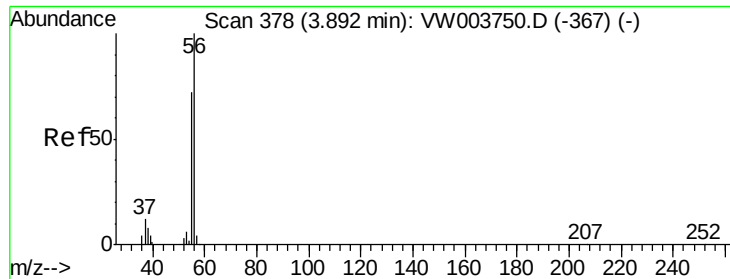
57 0.0 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 4.987 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.01 min

Lab File: VW003794.D

Acq: 10 Jul 2018 00:13

Instrument :

MSVOA_W

ClientSampleId :

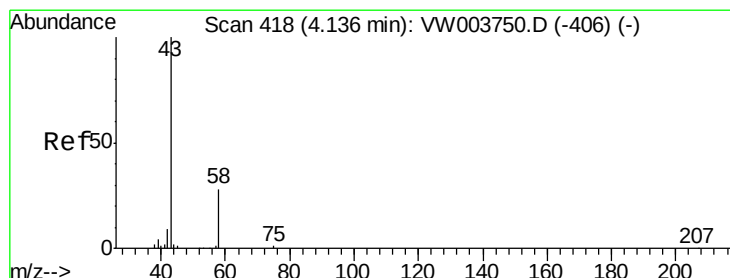
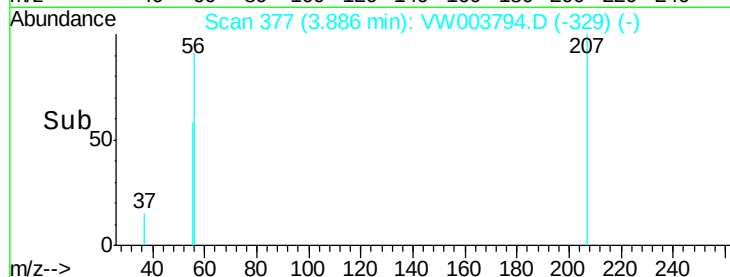
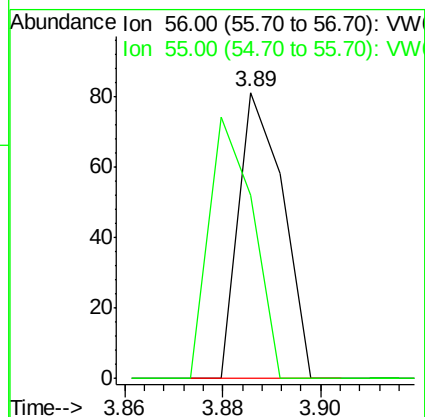
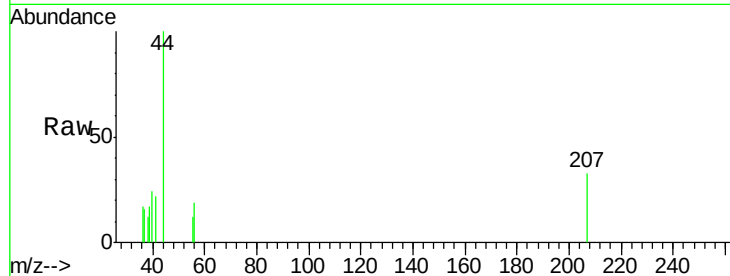
VW0709SBL02

Tot Ion: 56 Resp: 51

Ion Ratio Lower Upper

56 100

55 90.2 57.5 86.3#



#16

Acetone

Concen: 9.544 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.01 min

Lab File: VW003794.D

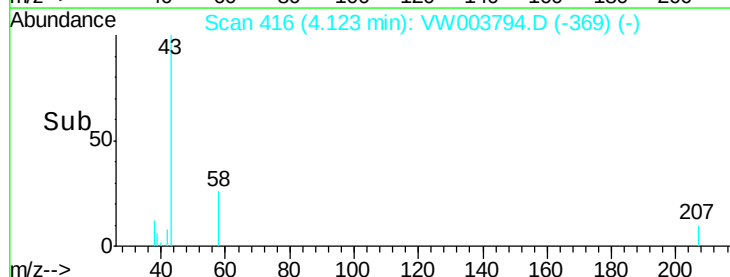
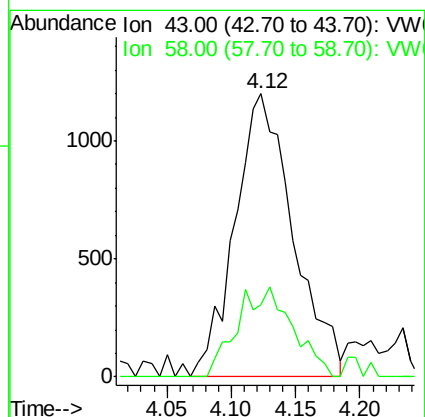
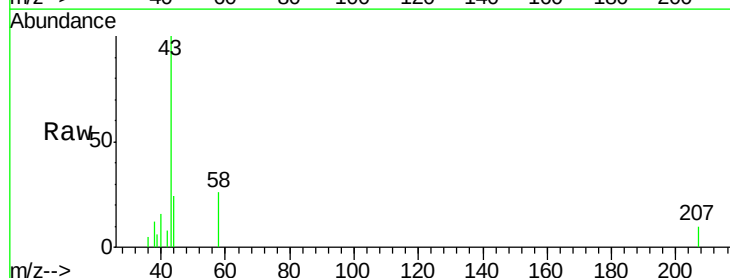
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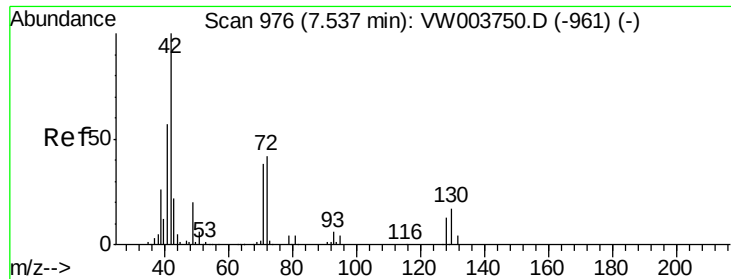
Tgt Ion: 43 Resp: 3764

Ion Ratio Lower Upper

43 100

58 25.5 22.6 34.0

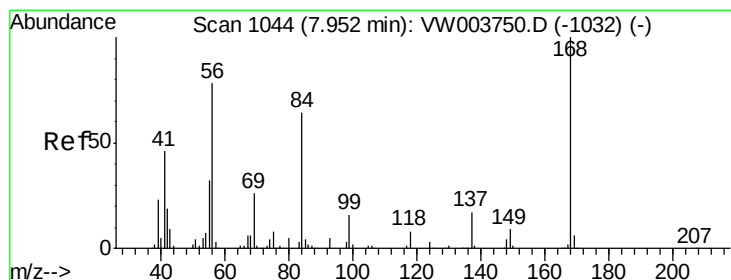
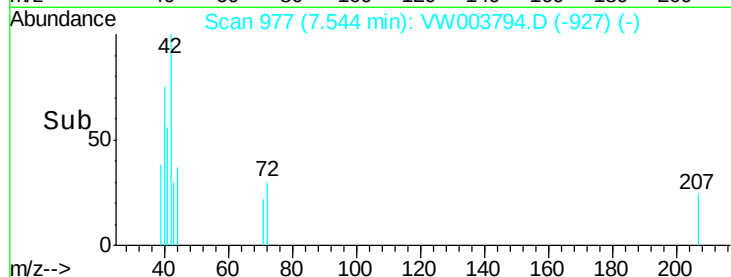
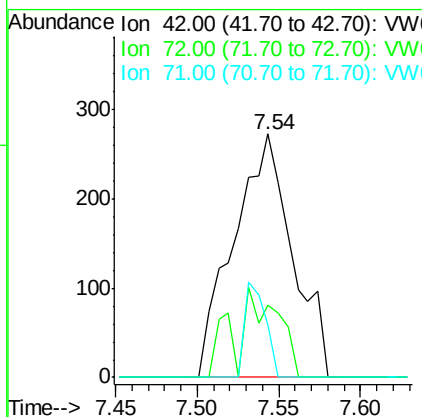
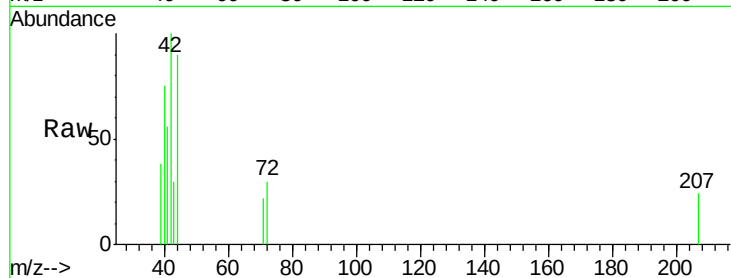




#29
Tetrahydrofuran
Concen: 1.725 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003794.D
Acq: 10 Jul 2018 00:13

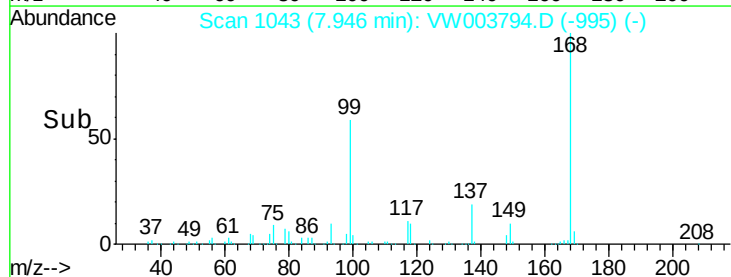
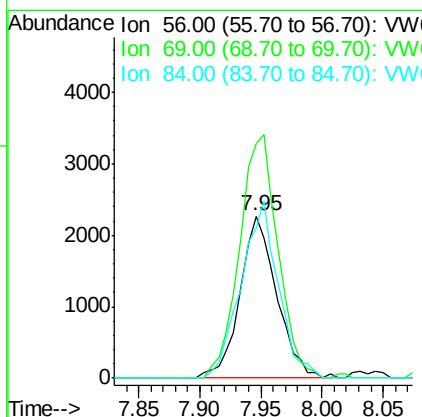
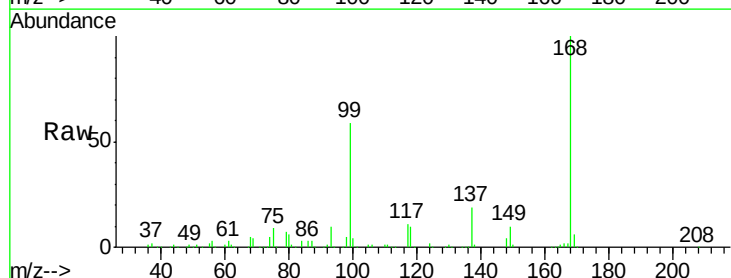
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBL02

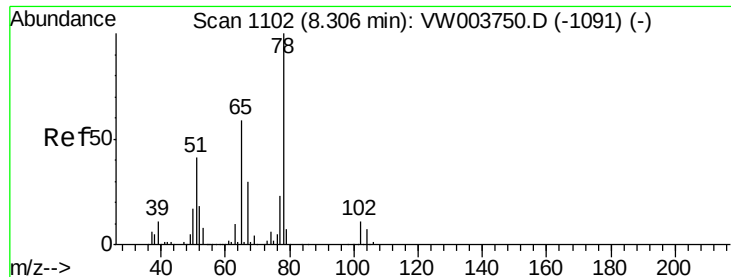
Tot Ion: 42 Resp: 685
Ion Ratio Lower Upper
42 100
72 19.9 31.8 47.8#
71 13.9 30.3 45.5#



#31
Cyclohexane
Concen: 1.428 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW003794.D
Acq: 10 Jul 2018 00:13

Tgt Ion: 56 Resp: 4737
Ion Ratio Lower Upper
56 100
69 145.1 26.2 39.4#
84 92.7 65.5 98.3

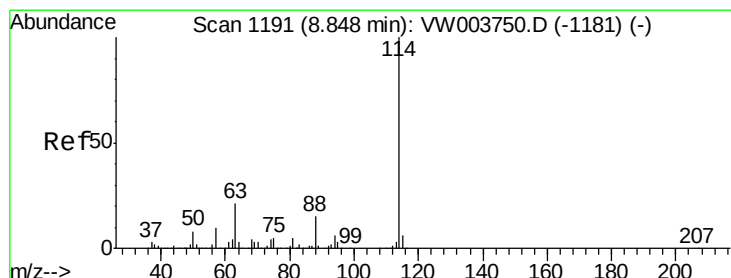
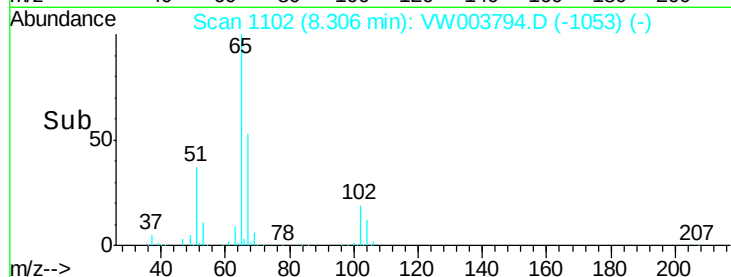
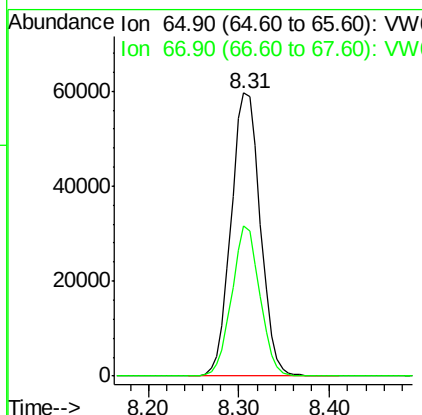
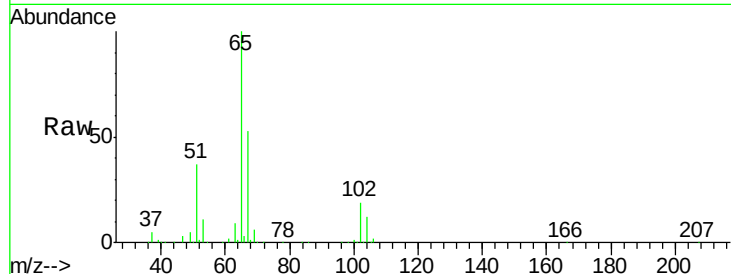




#33
 1,2-Dichloroethane-d4
 Concen: 58.599 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW003794.D
 Acq: 10 Jul 2018 00:13

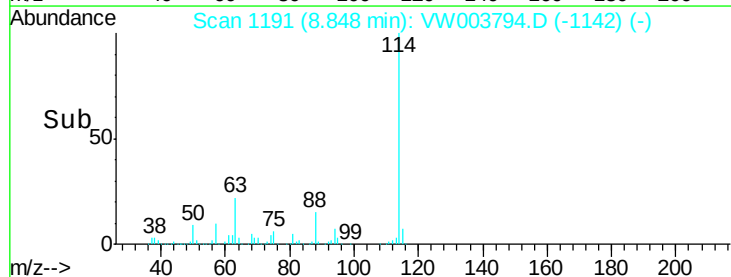
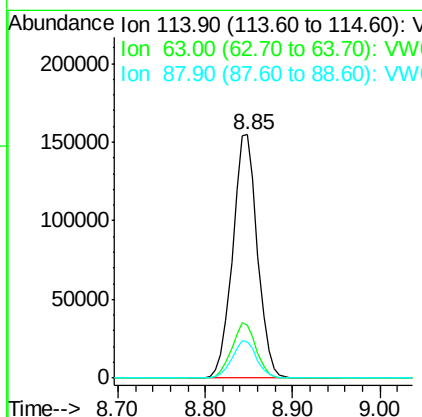
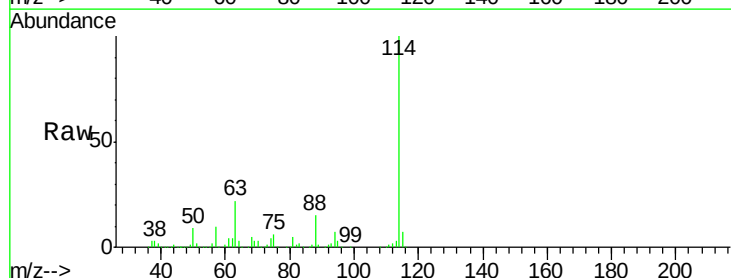
Instrument :
 MSVOA_W
 ClientSampleId :
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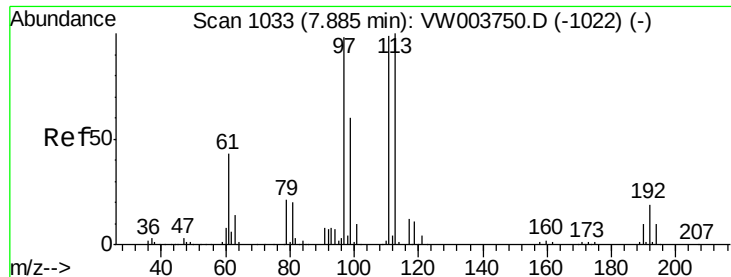
Tot Ion: 65 Resp: 133207
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003794.D
 Acq: 10 Jul 2018 00:13

Tgt Ion: 114 Resp: 304670
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 41.8
 88 14.7 0.0 30.2

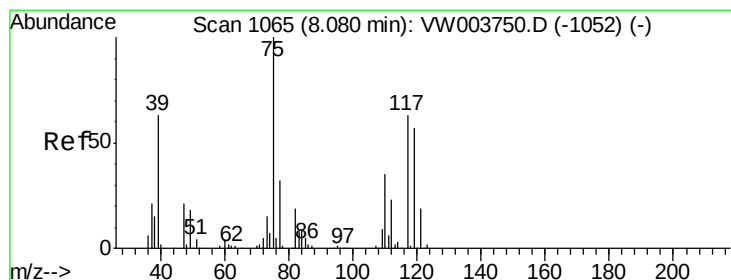
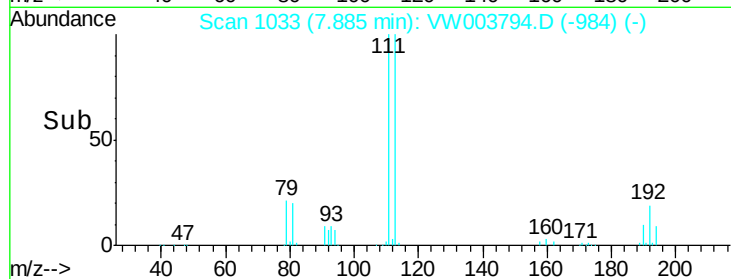
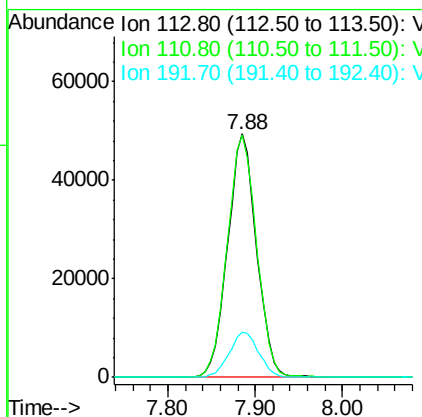
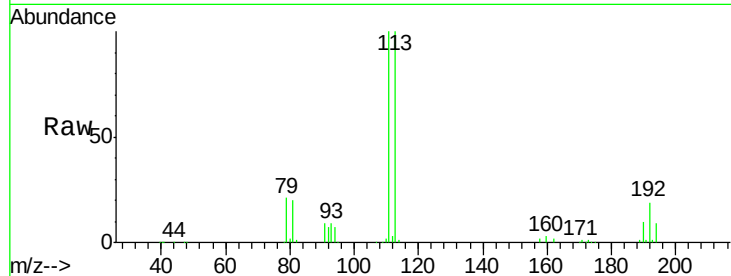




#35
 Dibromofluoromethane
 Concen: 53.049 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003794.D
 Acq: 10 Jul 2018 00:13

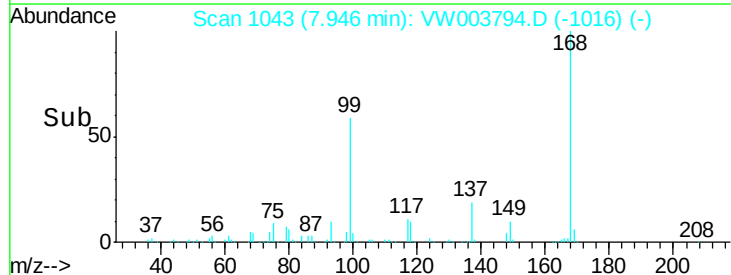
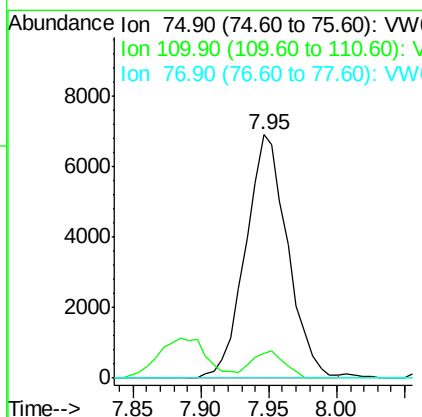
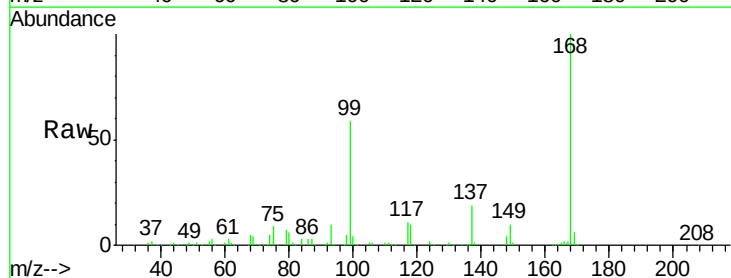
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBL02

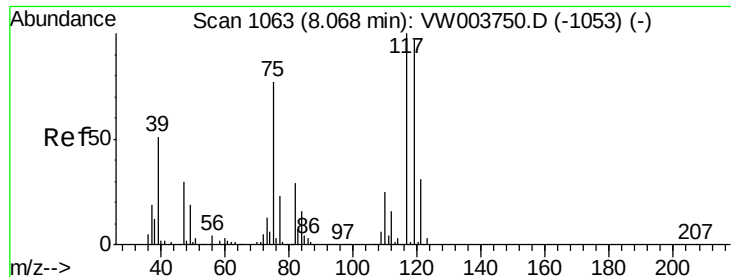
Tot Ion:113 Resp: 113118
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.7 122.5
 192 19.1 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 4.606 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW003794.D
 Acq: 10 Jul 2018 00:13

Tgt Ion: 75 Resp: 14891
 Ion Ratio Lower Upper
 75 100
 110 8.7 16.9 50.6#
 77 0.0 24.8 37.2#

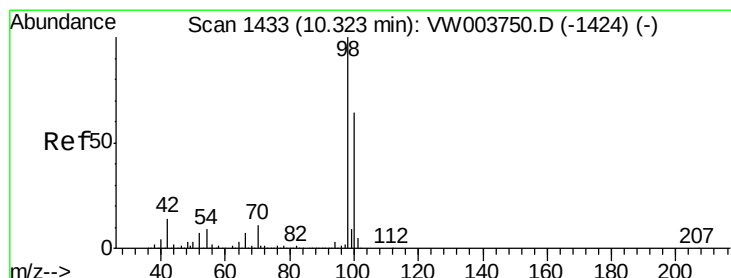
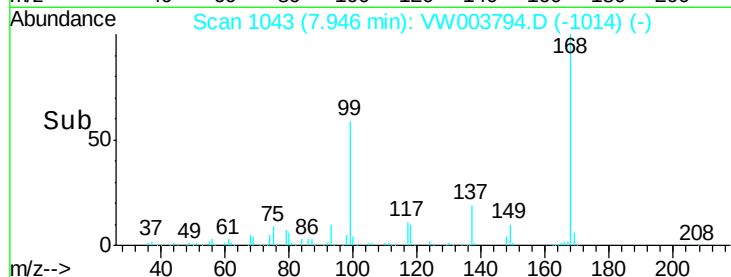
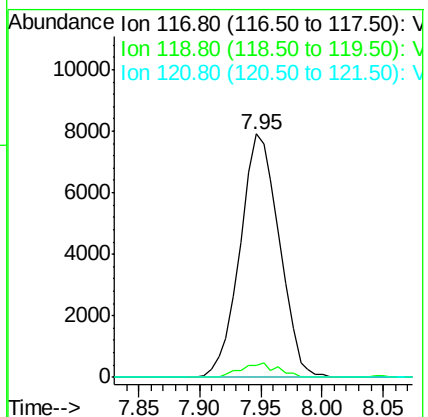
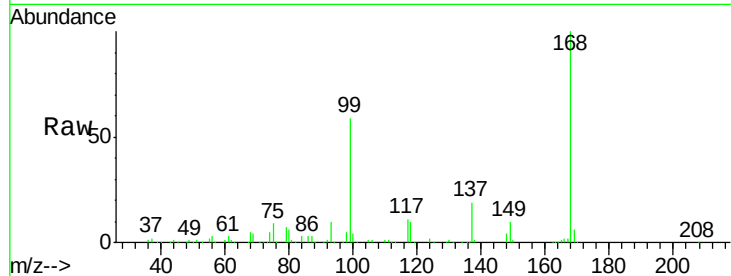




#38
Carbon Tetrachloride
Concen: 5.735 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.12 min
Lab File: VW003794.D
Acq: 10 Jul 2018 00:13

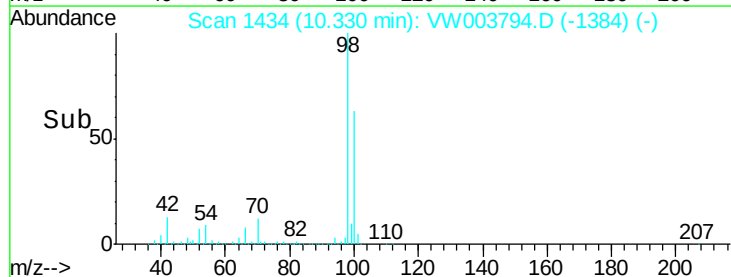
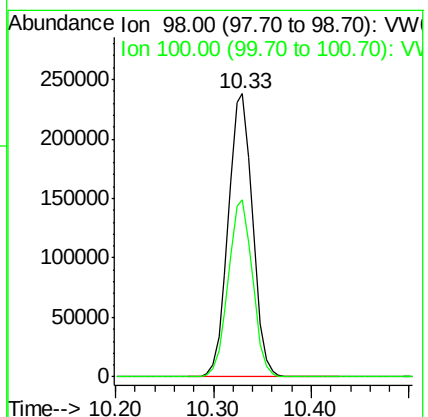
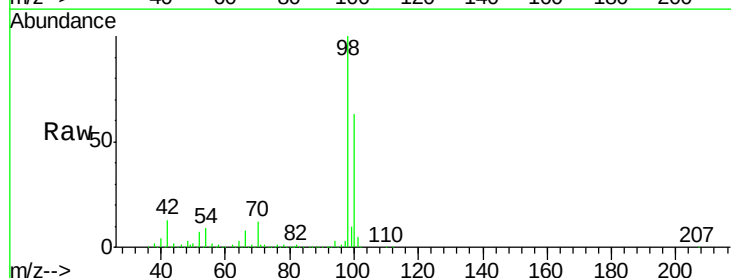
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ClientSampleId :
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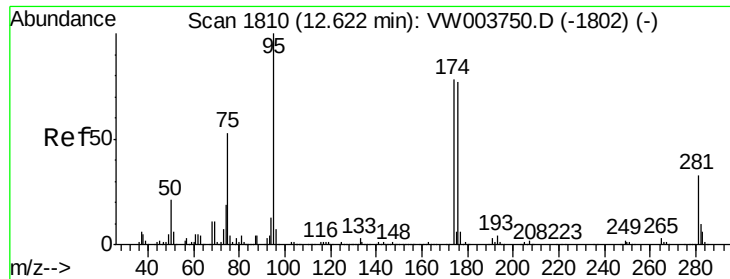
Tot Ion:117 Resp: 17626
Ion Ratio Lower Upper
117 100
119 4.7 77.4 116.2#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 50.300 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003794.D
Acq: 10 Jul 2018 00:13

Tgt Ion: 98 Resp: 410283
Ion Ratio Lower Upper
98 100
100 62.4 50.8 76.2

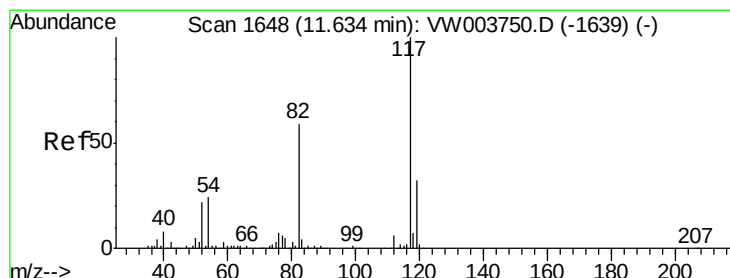
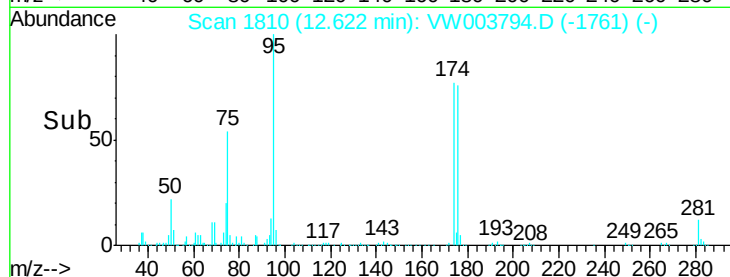
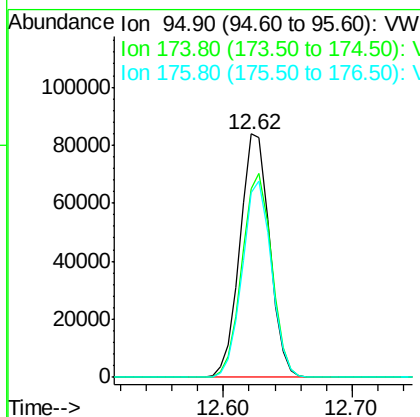
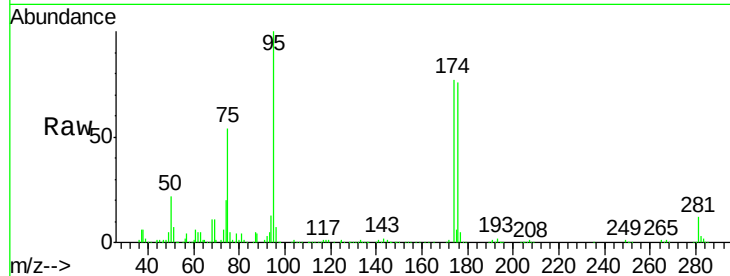




#62
4-Bromofluorobenzene
Concen: 45.107 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW003794.D
Acq: 10 Jul 2018 00:13

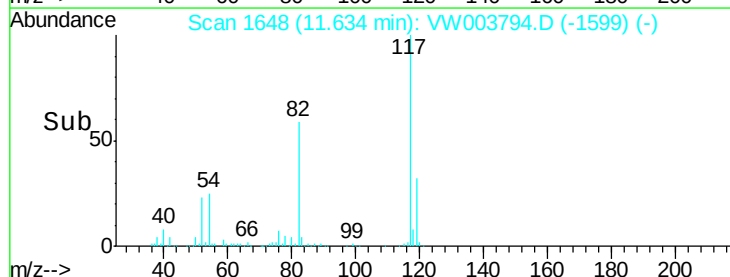
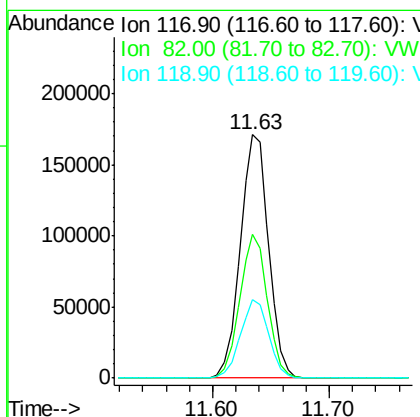
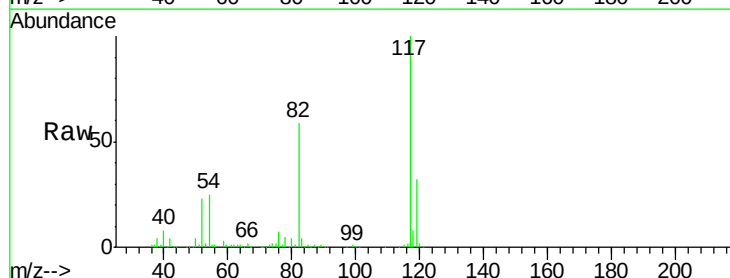
Instrument :
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VW0709SBL02

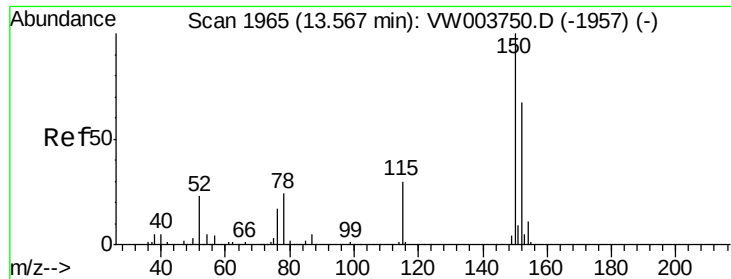
Tot Ion: 95 Resp: 133120
Ion Ratio Lower Upper
95 100
174 83.6 0.0 163.4
176 79.3 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003794.D
Acq: 10 Jul 2018 00:13

Tgt Ion: 117 Resp: 288559
Ion Ratio Lower Upper
117 100
82 59.2 46.9 70.3
119 32.2 25.5 38.3



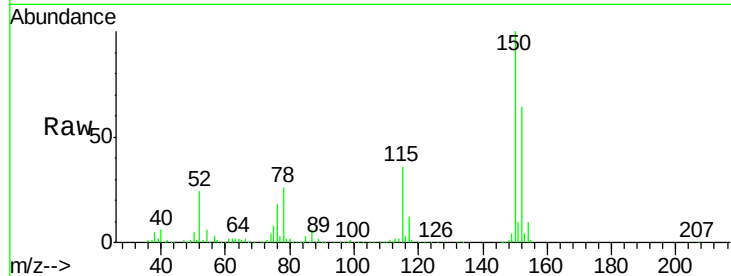


#72

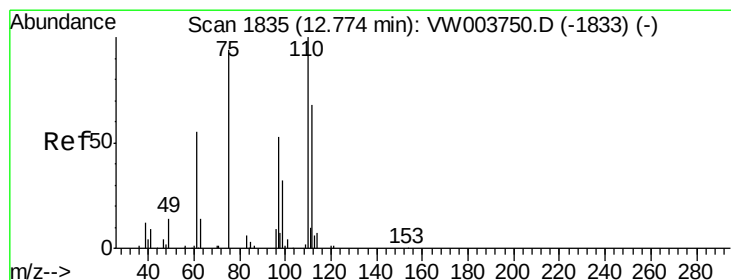
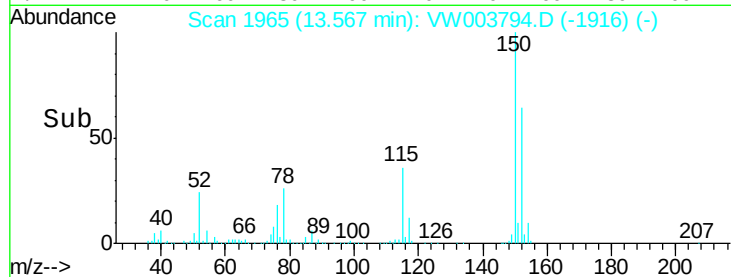
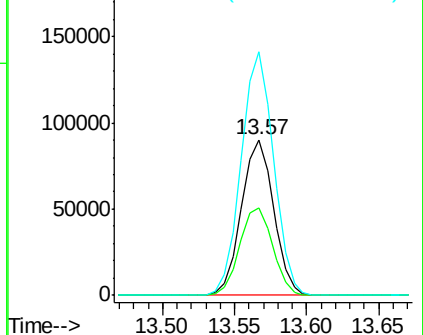
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003794.D
Acq: 10 Jul 2018 00:13

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBL02

Tot Ion:152 Resp: 140190
Ion Ratio Lower Upper
152 100
115 58.2 28.9 86.8
150 157.2 0.0 342.4



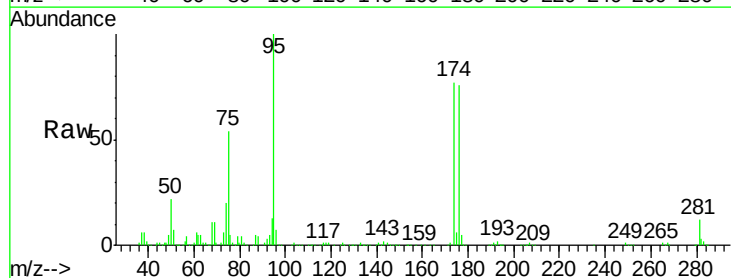
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



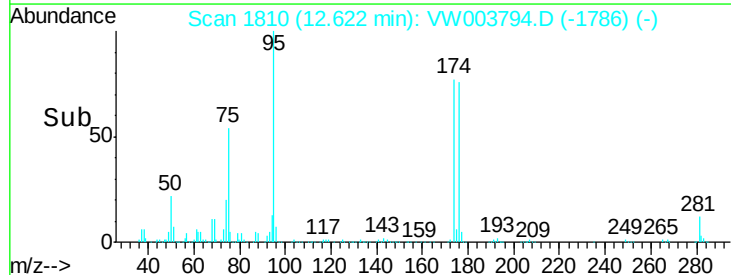
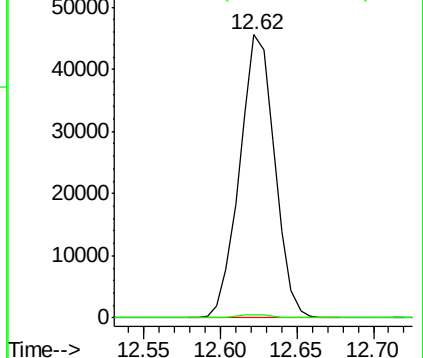
#76

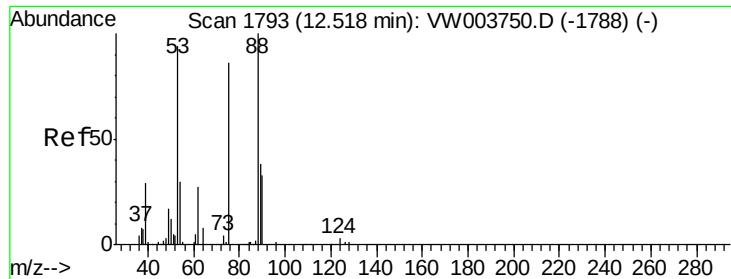
1,2,3-Trichloropropane
Concen: 52.621 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW003794.D
Acq: 10 Jul 2018 00:13

Tgt Ion: 75 Resp: 72441
Ion Ratio Lower Upper
75 100
77 1.3 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: 128.725 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003794.D

Acq: 10 Jul 2018 00:13

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBL02

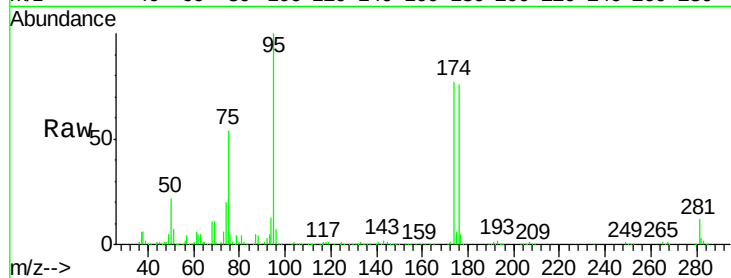
Tot Ion: 75 Resp: 72441

Ion Ratio Lower Upper

75 100

53 0.4 85.0 127.6#

89 0.1 36.3 54.5#



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

