

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003790.D
 Acq On : 09 Jul 2018 20:46
 Operator : SY/AP
 Sample : J3886-01
 Misc : 5.57G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-108-6A(55-57)

Quant Time: Jul 10 01:56:57 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	45522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	75194	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	59911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	13489	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	32897	55.26	ug/l	0.00
Spiked Amount			Recovery	=	110.52%	
35) Dibromofluoromethane	7.88	113	29018	55.14	ug/l	0.00
Spiked Amount			Recovery	=	110.28%	
50) Toluene-d8	10.33	98	65926	32.75	ug/l	0.00
Spiked Amount			Recovery	=	65.50%	
62) 4-Bromofluorobenzene	12.63	95	14105	19.36	ug/l	0.00
Spiked Amount			Recovery	=	38.72%	

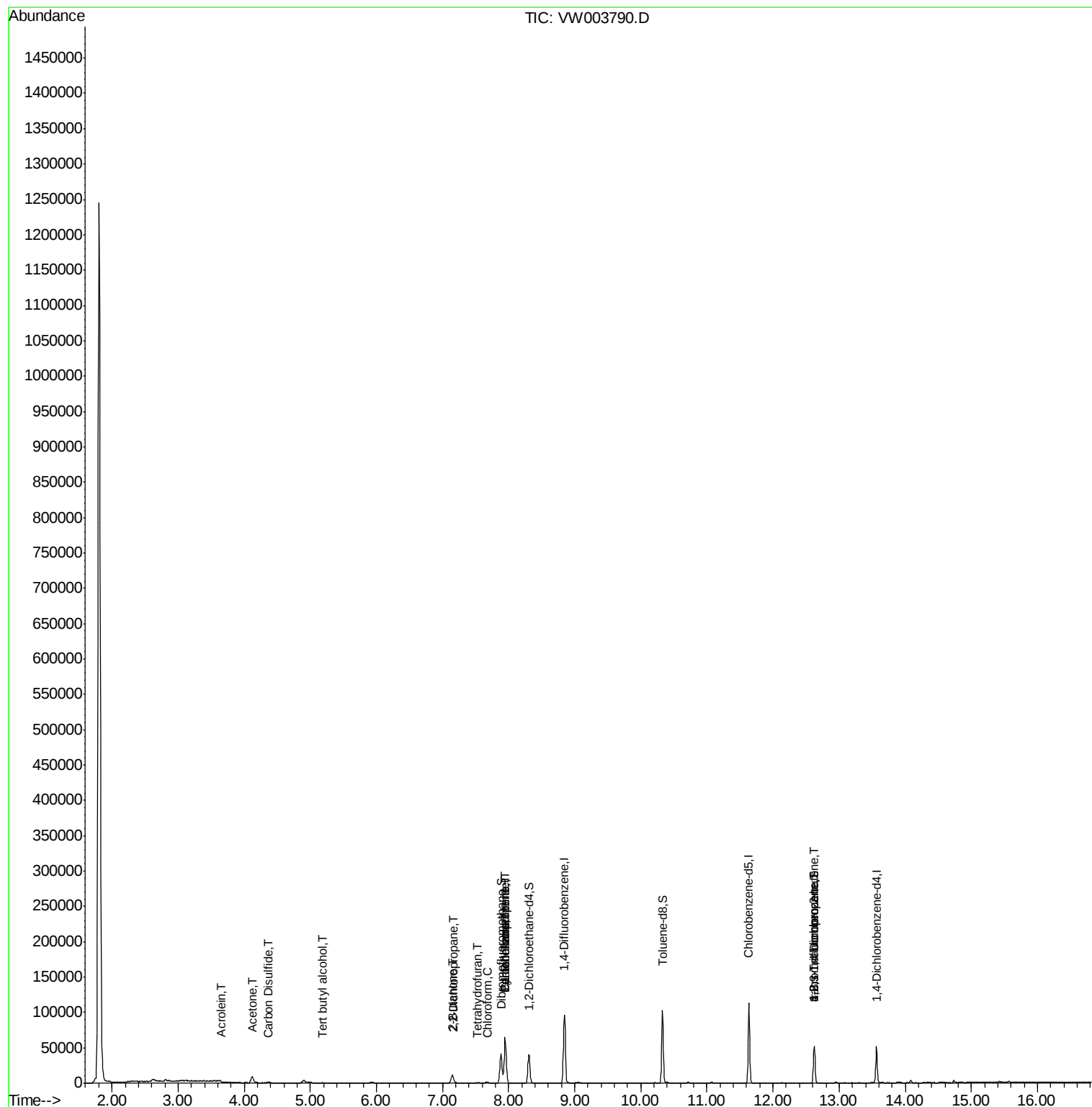
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	220	6.819	ug/l #	70
13) Acrolein	3.65	56	25	5.199	ug/l #	14
16) Acetone	4.12	43	15230	147.459	ug/l	95
17) Carbon Disulfide	4.36	76	1841	1.313	ug/l #	93
25) 2-Butanone	7.14	43	700	4.327	ug/l	96
26) 2,2-Dichloropropane	7.17	77	775	1.445	ug/l #	53
29) Tetrahydrofuran	7.53	42	136	1.308	ug/l #	36
30) Chloroform	7.68	83	1501	1.488	ug/l	87
31) Cyclohexane	7.95	56	1404	1.616	ug/l #	21
36) 1,1-Dichloropropene	7.95	75	4173	5.230	ug/l #	52
38) Carbon Tetrachloride	7.95	117	4817	6.350	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	7920	59.792	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	7920	146.265	ug/l #	7

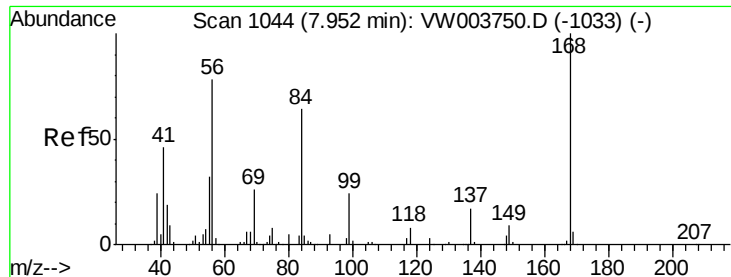
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003790.D

Acq: 09 Jul 2018 20:46

Instrument :

MSVOA_W

ClientSampleId :

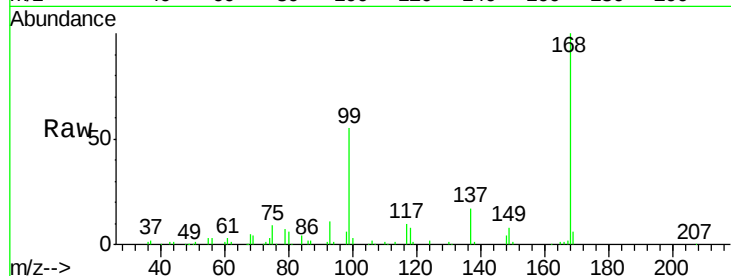
EPE-108-6A(55-57)

Tot Ion:168 Resp: 45522

Ion Ratio Lower Upper

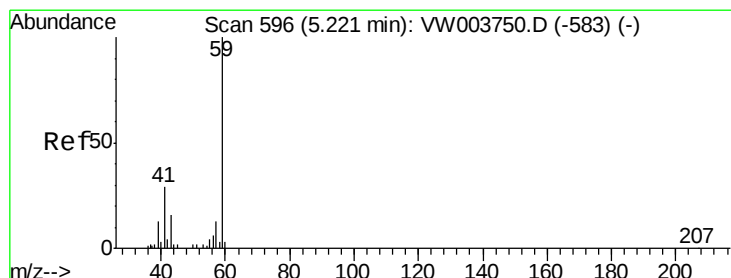
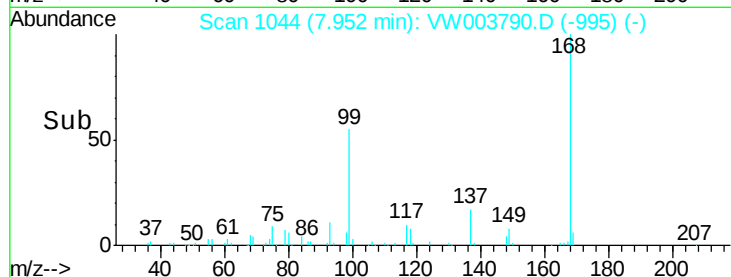
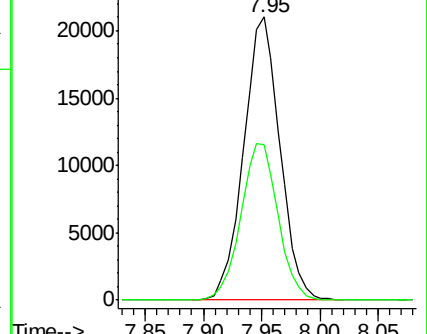
168 100

99 54.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 6.819 ug/l

RT: 5.18 min Scan# 589

Delta R.T. -0.04 min

Lab File: VW003790.D

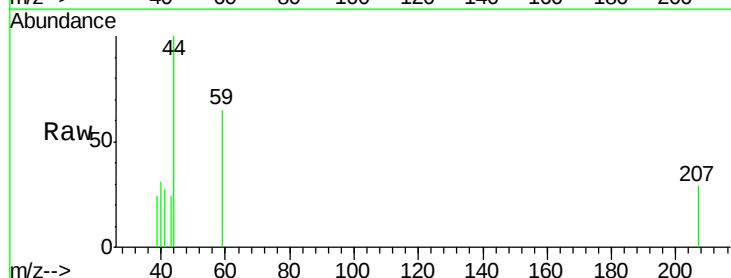
Acq: 09 Jul 2018 20:46

Tgt Ion: 59 Resp: 220

Ion Ratio Lower Upper

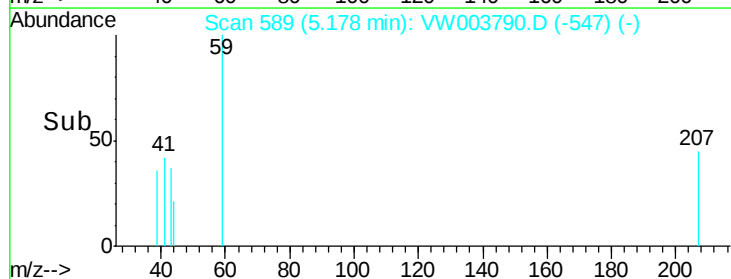
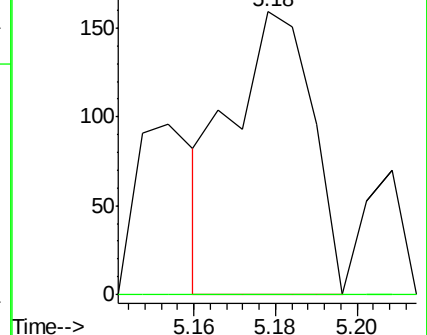
59 100

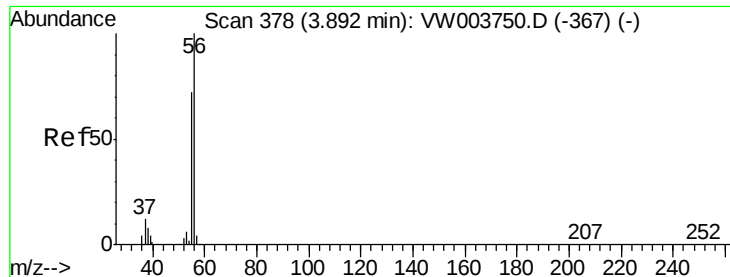
57 0.0 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 5.199 ug/l

RT: 3.65 min Scan# 339

Delta R.T. -0.24 min

Lab File: VW003790.D

Acq: 09 Jul 2018 20:46

Instrument :

MSVOA_W

ClientSampleId :

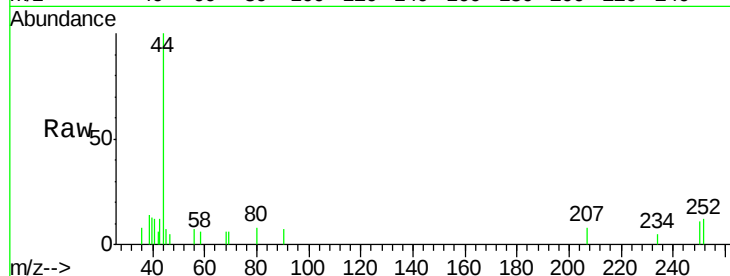
EPE-108-6A(55-57)

Tot Ion: 56 Resp: 25

Ion Ratio Lower Upper

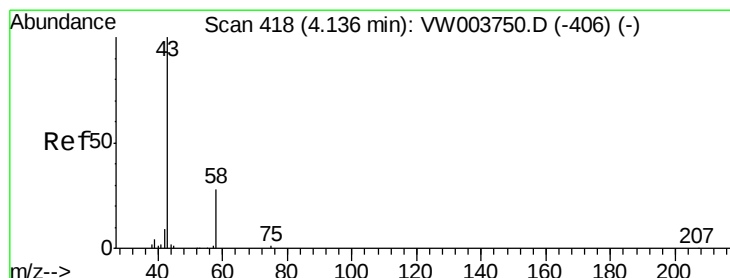
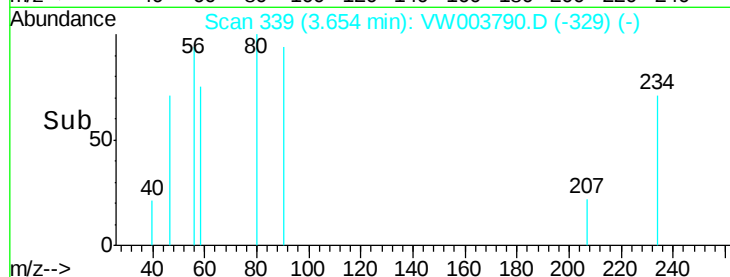
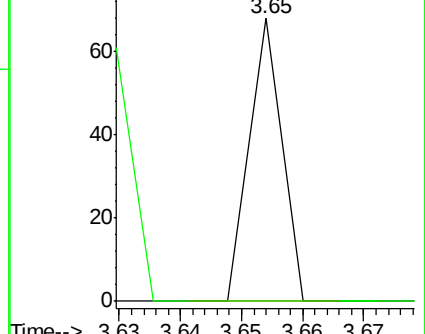
56 100

55 0.0 57.5 86.3#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#16

Acetone

Concen: 147.459 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.01 min

Lab File: VW003790.D

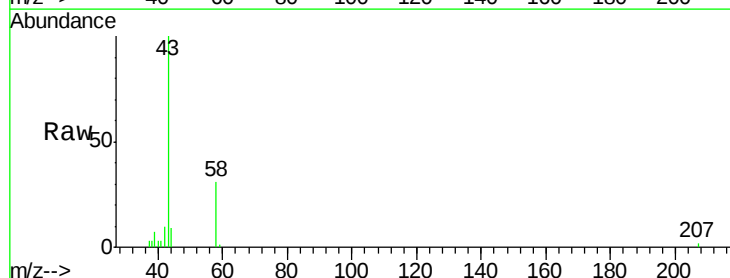
Acq: 09 Jul 2018 20:46

Tgt Ion: 43 Resp: 15230

Ion Ratio Lower Upper

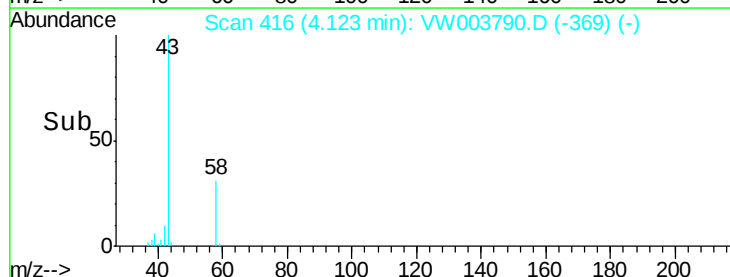
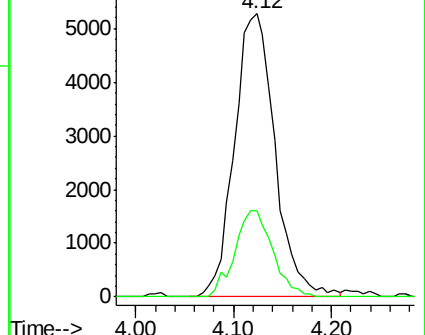
43 100

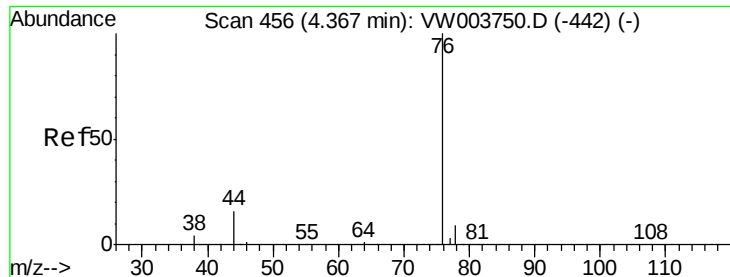
58 30.7 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 1.313 ug/l

RT: 4.36 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW003790.D

Acq: 09 Jul 2018 20:46

Instrument :

MSVOA_W

ClientSampleId :

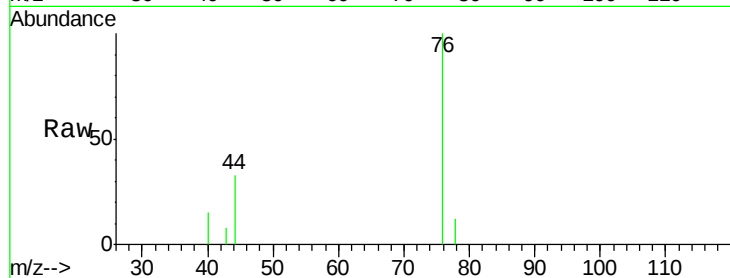
EPE-108-6A(55-57)

Tot Ion: 76 Resp: 1841

Ion Ratio Lower Upper

76 100

78 11.9 7.4 11.2#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.36

800

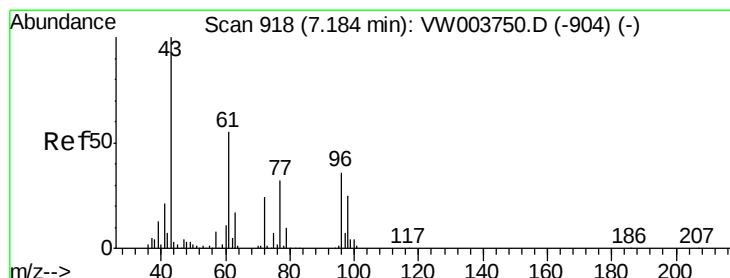
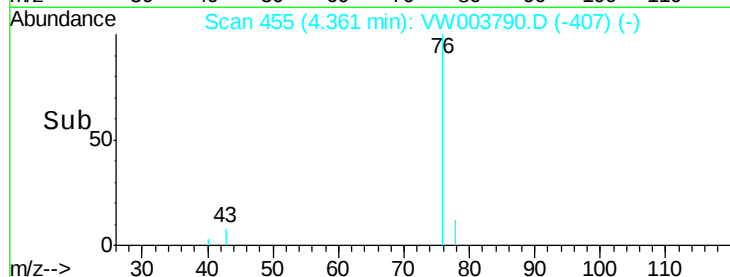
600

400

200

0

Time-->



#25

2-Butanone

Concen: 4.327 ug/l

RT: 7.14 min Scan# 911

Delta R.T. -0.04 min

Lab File: VW003790.D

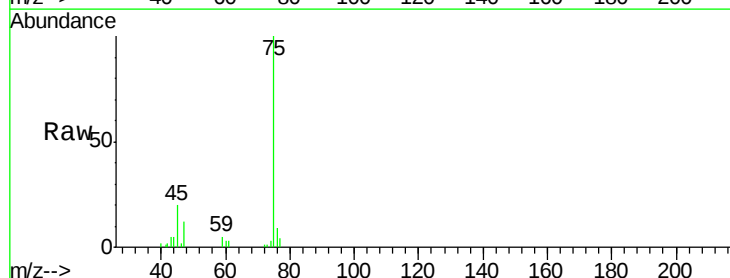
Acq: 09 Jul 2018 20:46

Tgt Ion: 43 Resp: 700

Ion Ratio Lower Upper

43 100

72 26.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.14

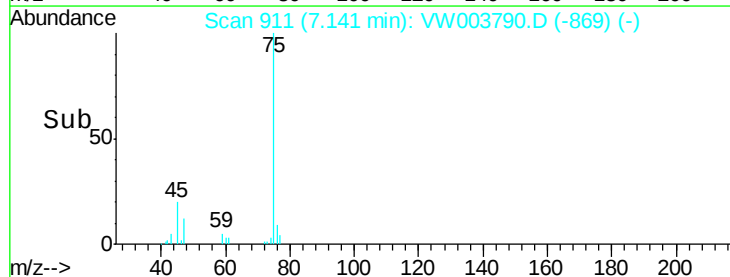
300

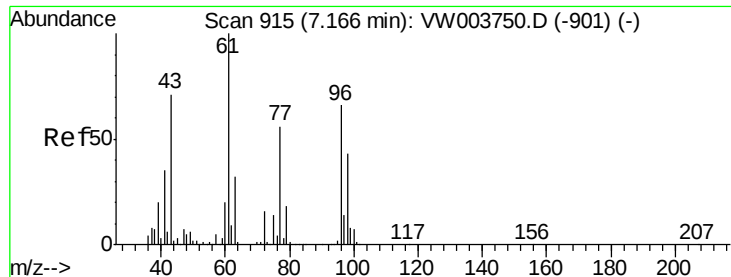
200

100

0

Time-->





#26

2,2-Dichloropropane

Concen: 1.445 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW003790.D

Acq: 09 Jul 2018 20:46

Instrument :

MSVOA_W

ClientSampleId :

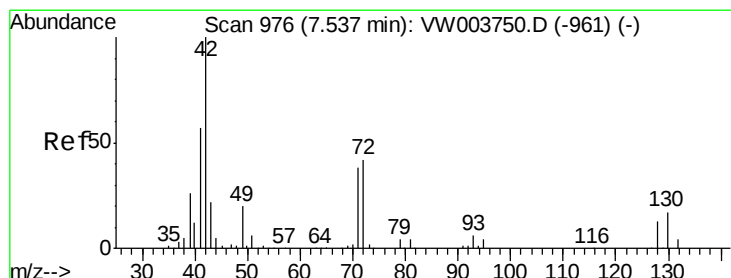
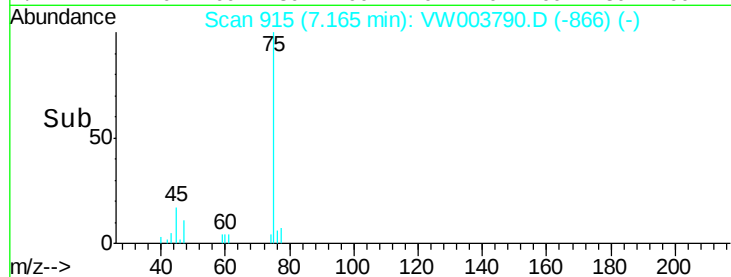
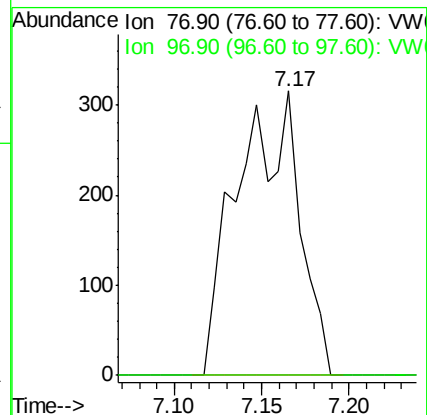
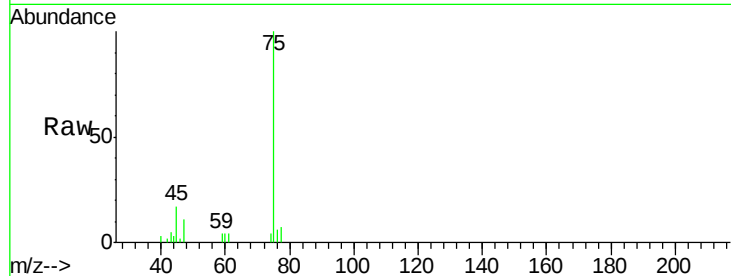
EPE-108-6A(55-57)

Tot Ion: 77 Resp: 775

Ion Ratio Lower Upper

77 100

97 0.0 11.5 34.5#



#29

Tetrahydrofuran

Concen: 1.308 ug/l

RT: 7.53 min Scan# 975

Delta R.T. -0.01 min

Lab File: VW003790.D

Acq: 09 Jul 2018 20:46

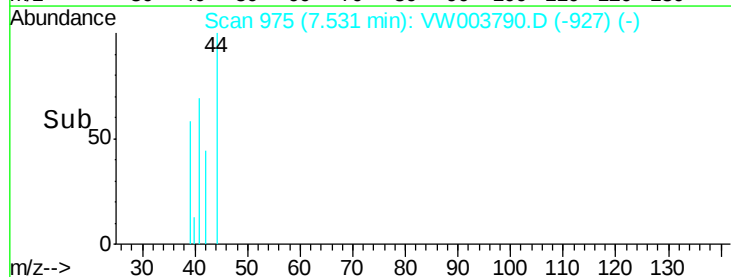
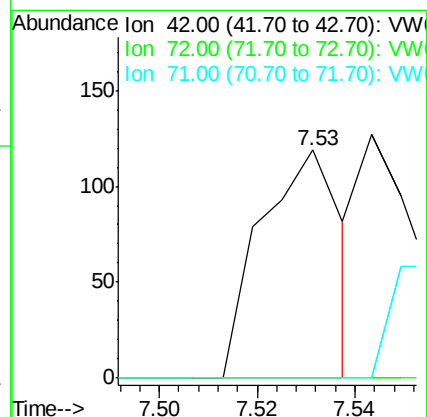
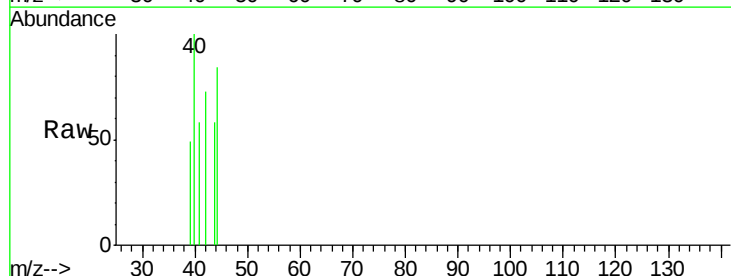
Tgt Ion: 42 Resp: 136

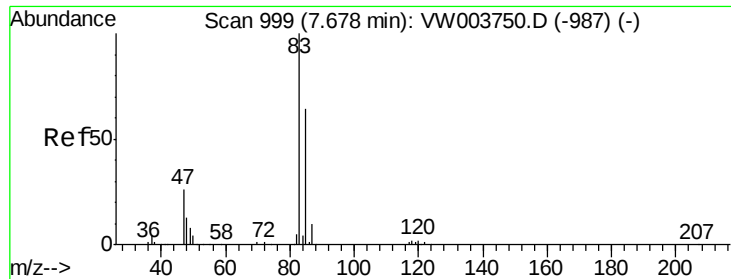
Ion Ratio Lower Upper

42 100

72 0.0 31.8 47.8#

71 0.0 30.3 45.5#

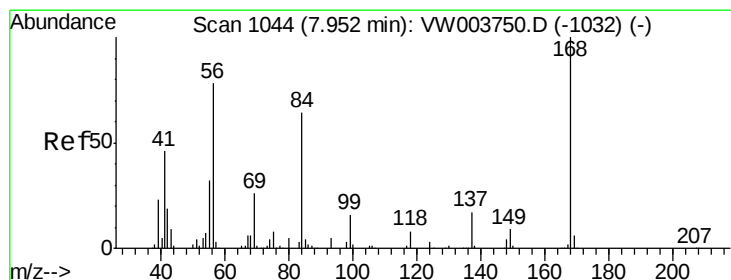
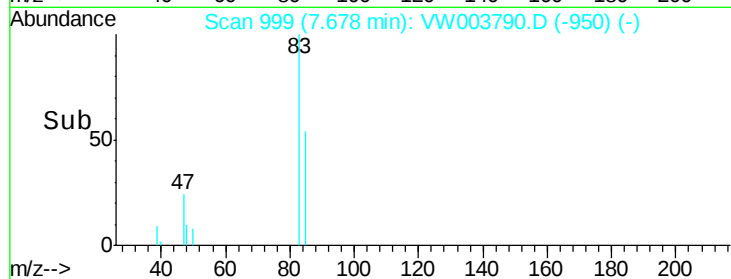
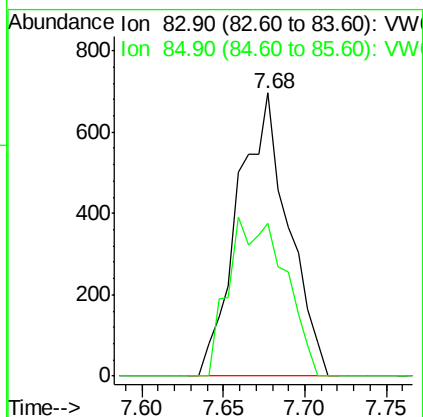
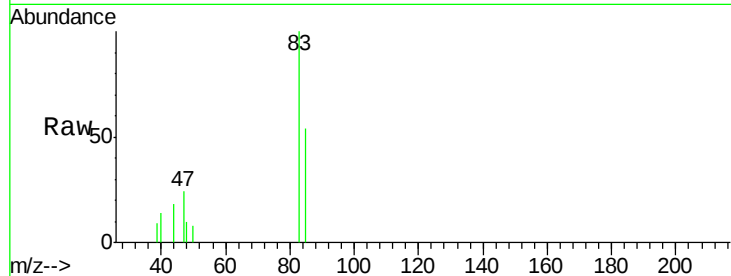




#30
Chloroform
Concen: 1.488 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003790.D
Acq: 09 Jul 2018 20:46

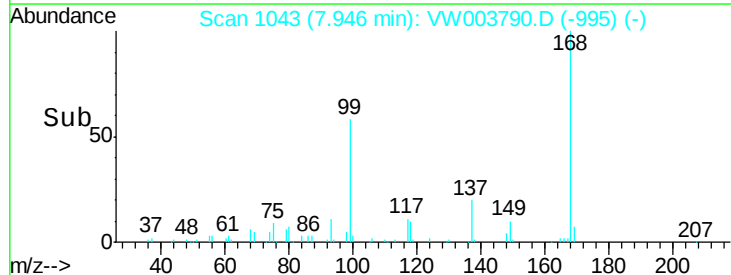
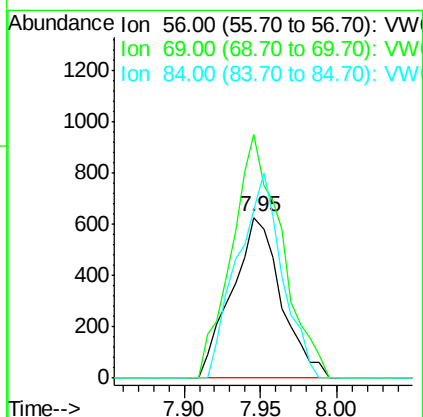
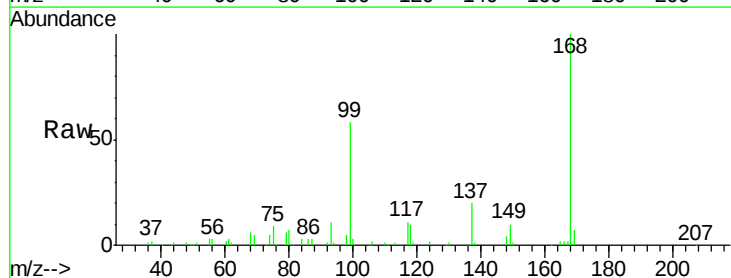
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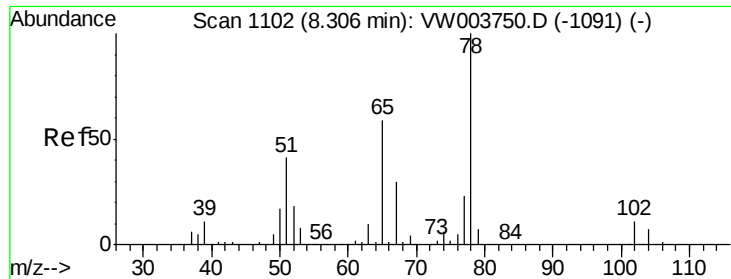
Tot Ion: 83 Resp: 1501
Ion Ratio Lower Upper
83 100
85 54.2 51.5 77.3



#31
Cyclohexane
Concen: 1.616 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW003790.D
Acq: 09 Jul 2018 20:46

Tgt Ion: 56 Resp: 1404
Ion Ratio Lower Upper
56 100
69 151.6 26.2 39.4#
84 104.8 65.5 98.3#

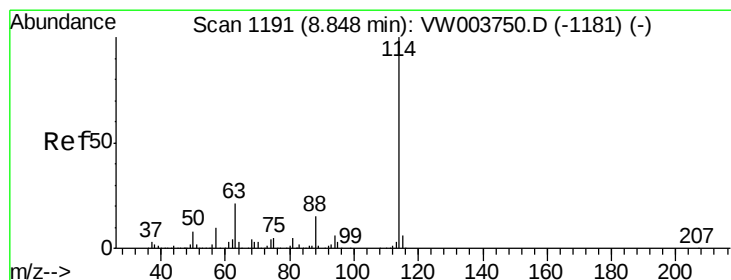
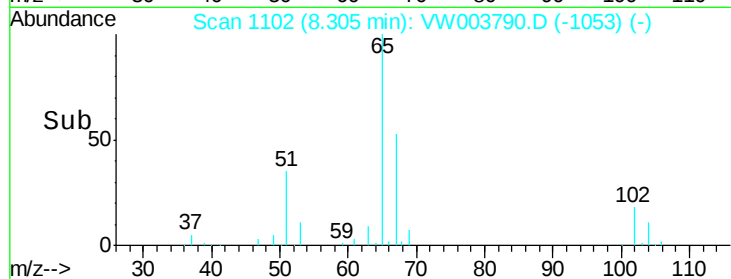
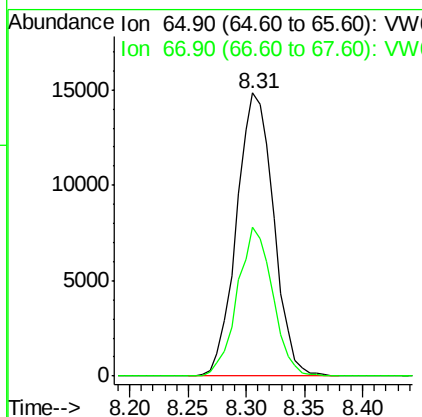
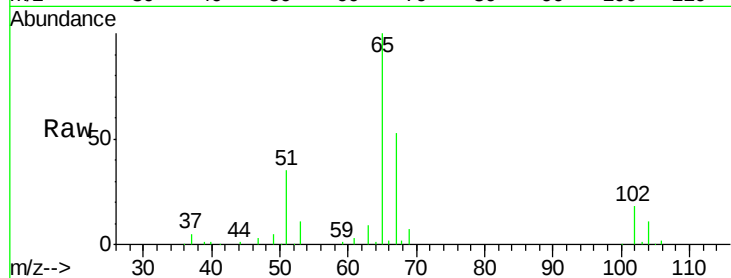




#33
 1,2-Dichloroethane-d4
 Concen: 55.261 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003790.D
 Acq: 09 Jul 2018 20:46

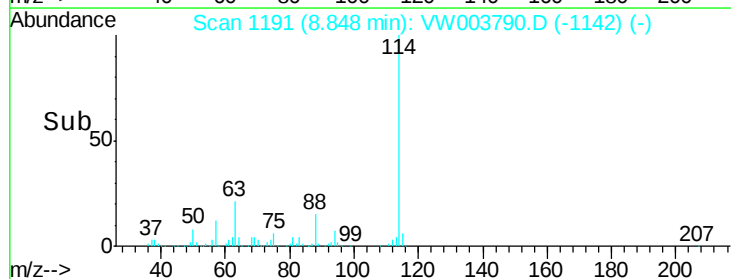
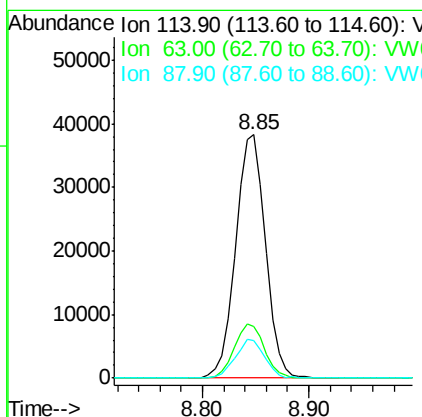
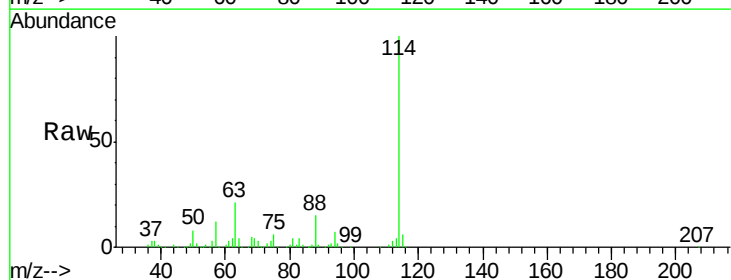
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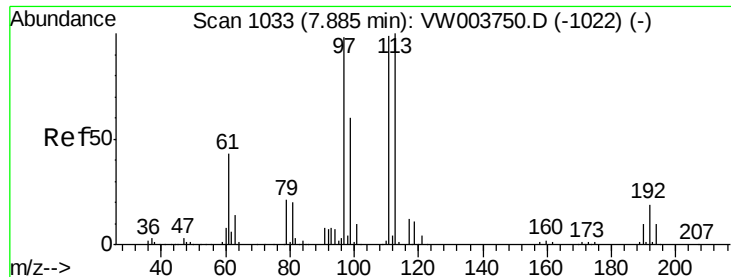
Tot Ion: 65 Resp: 32897
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003790.D
 Acq: 09 Jul 2018 20:46

Tgt Ion: 114 Resp: 75194
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 41.8
 88 15.2 0.0 30.2

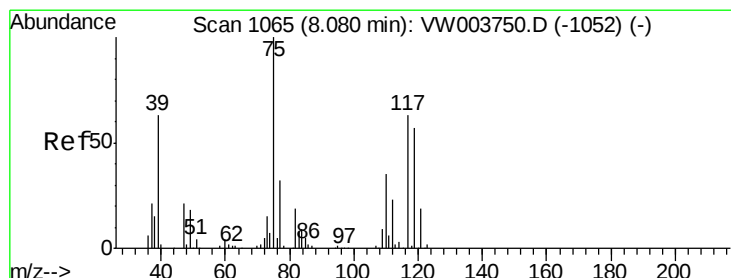
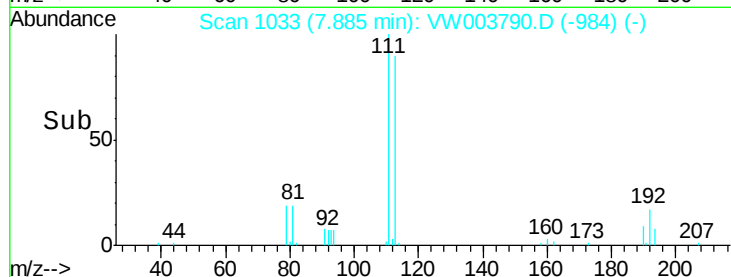
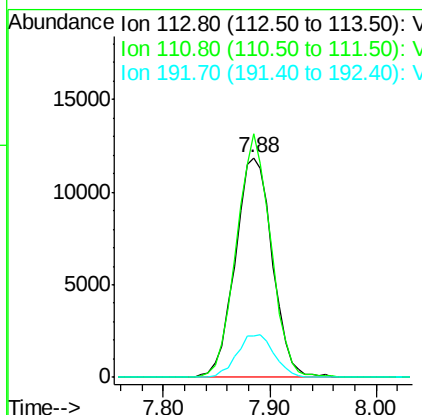
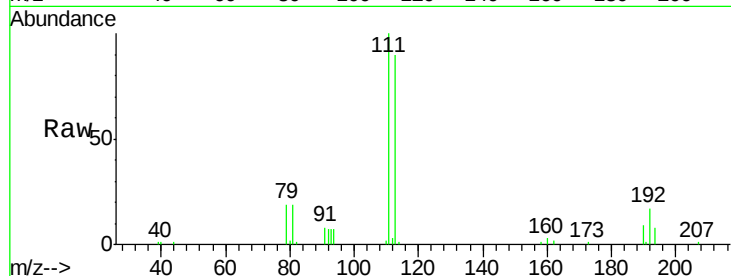




#35
 Dibromofluoromethane
 Concen: 55.139 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003790.D
 Acq: 09 Jul 2018 20:46

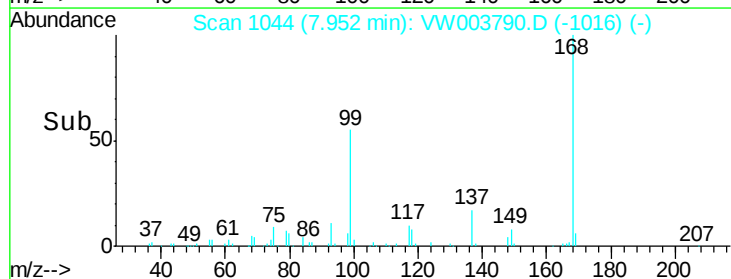
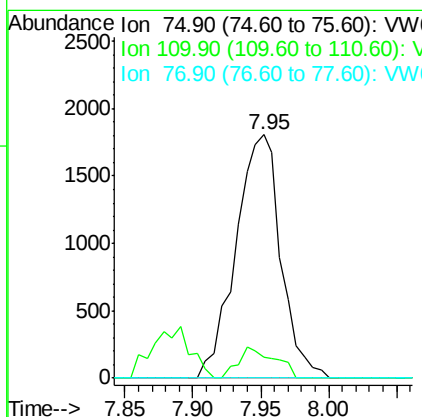
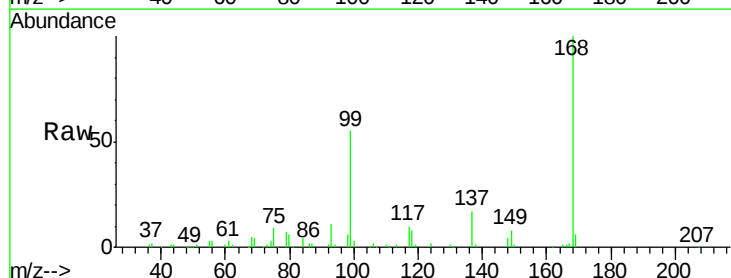
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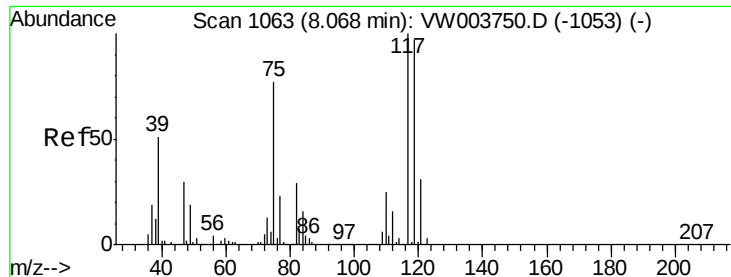
Tot Ion:113 Resp: 29018
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.7 122.5
 192 19.4 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 5.230 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003790.D
 Acq: 09 Jul 2018 20:46

Tgt Ion: 75 Resp: 4173
 Ion Ratio Lower Upper
 75 100
 110 10.3 16.9 50.6#
 77 0.0 24.8 37.2#

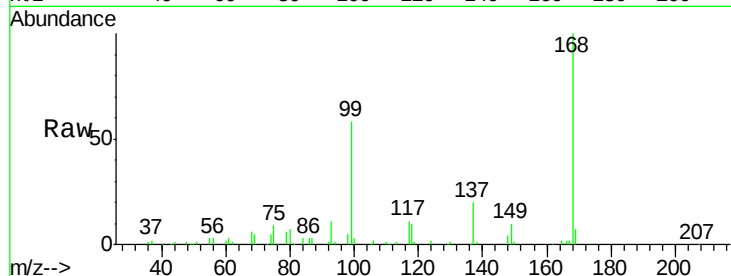




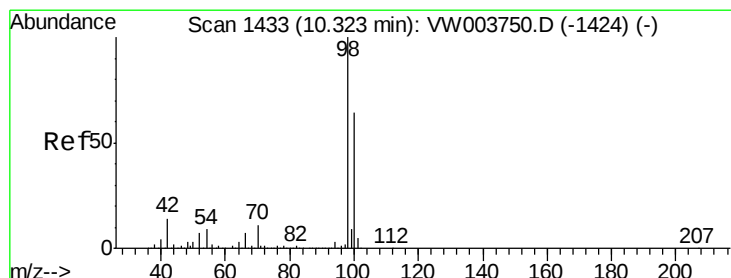
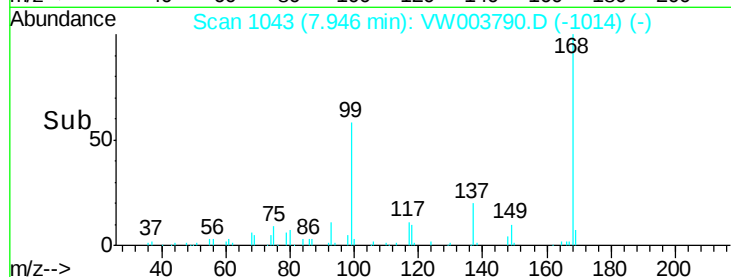
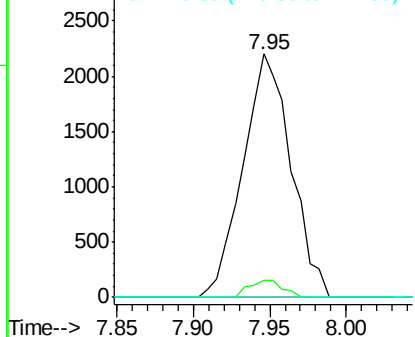
#38
Carbon Tetrachloride
Concen: 6.350 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.12 min
Lab File: VW003790.D
Acq: 09 Jul 2018 20:46

Instrument :
MSVOA_W
ClientSampleId :
EPE-108-6A(55-57)

Tot Ion:117 Resp: 4817
Ion Ratio Lower Upper
117 100
119 7.2 77.4 116.2#
121 0.0 24.6 37.0#

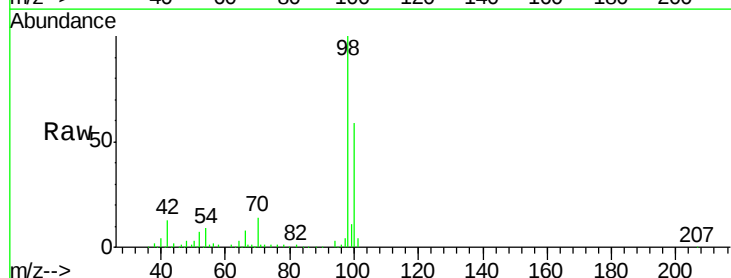


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

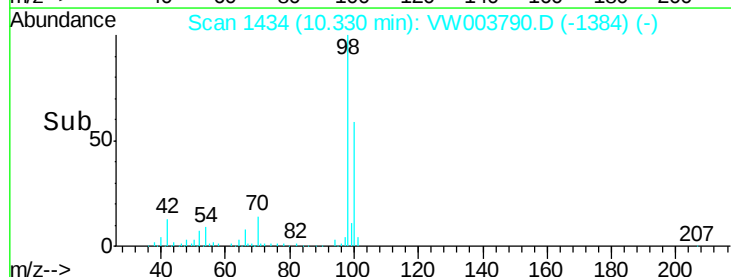
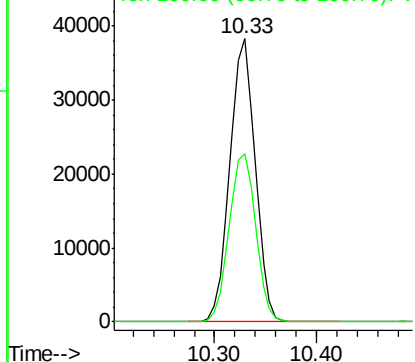


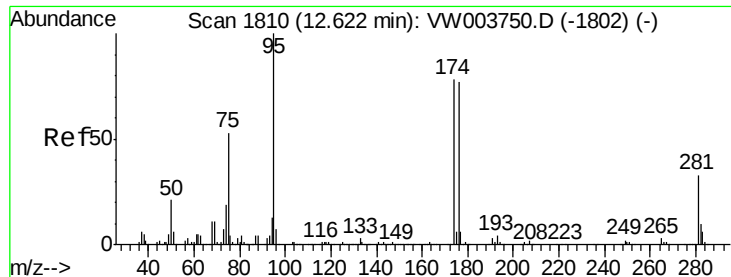
#50
Toluene-d8
Concen: 32.748 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003790.D
Acq: 09 Jul 2018 20:46

Tgt Ion: 98 Resp: 65926
Ion Ratio Lower Upper
98 100
100 61.9 50.8 76.2



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

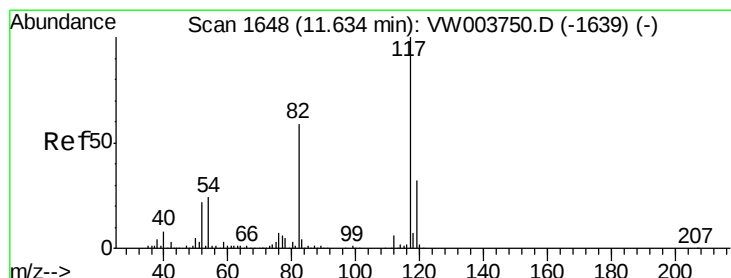
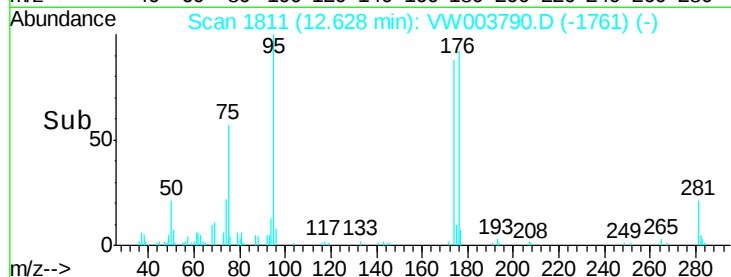
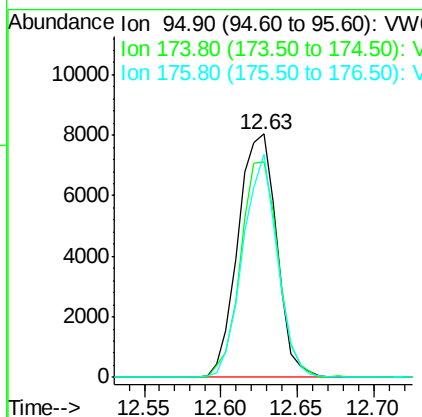
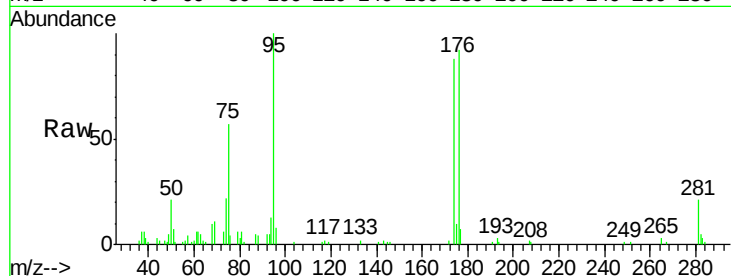




#62
4-Bromofluorobenzene
Concen: 19.365 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW003790.D
Acq: 09 Jul 2018 20:46

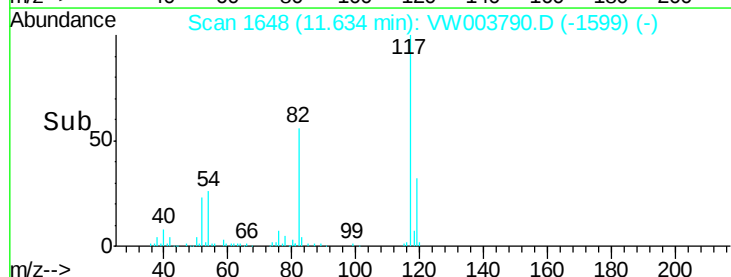
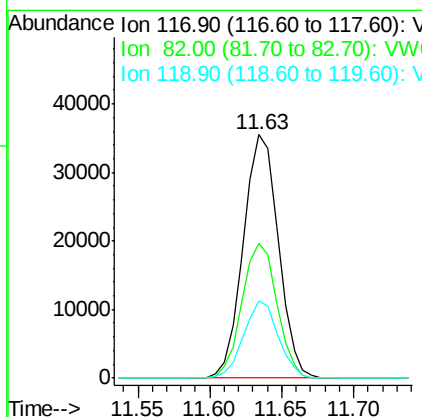
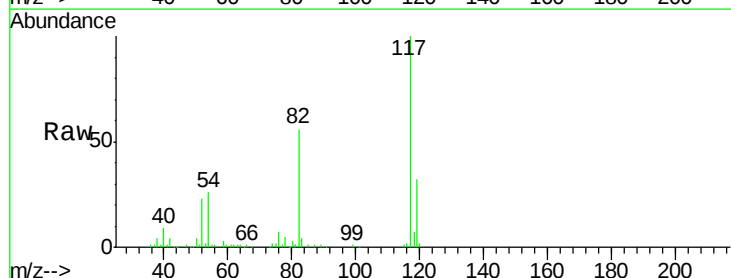
Instrument :
MSVOA_W
ClientSampleId :
EPE-108-6A(55-57)

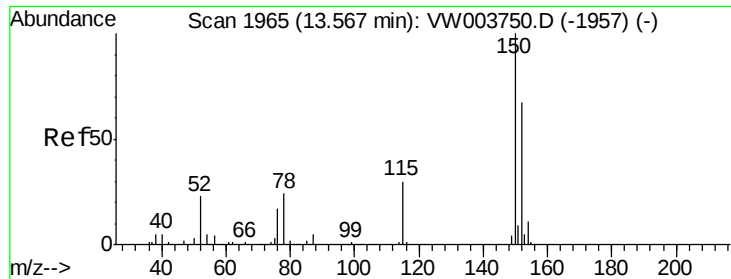
Tot Ion: 95 Resp: 14105
Ion Ratio Lower Upper
95 100
174 86.3 0.0 163.4
176 82.0 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003790.D
Acq: 09 Jul 2018 20:46

Tgt Ion: 117 Resp: 59911
Ion Ratio Lower Upper
117 100
82 55.6 46.9 70.3
119 31.8 25.5 38.3



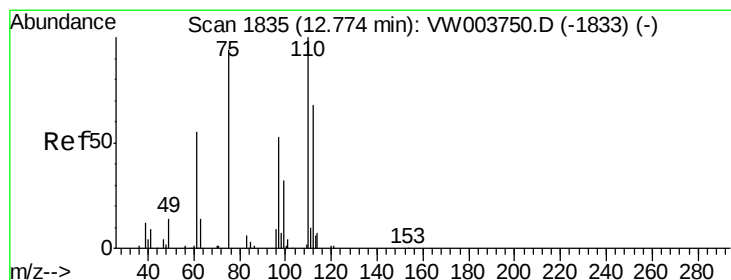
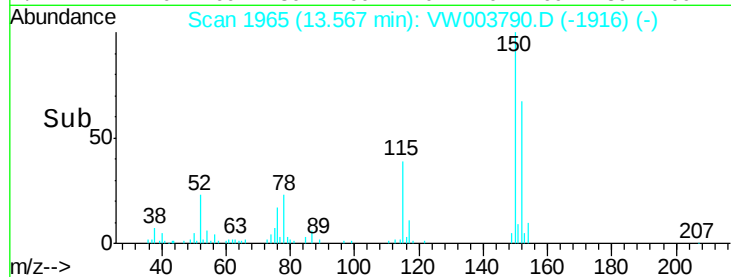
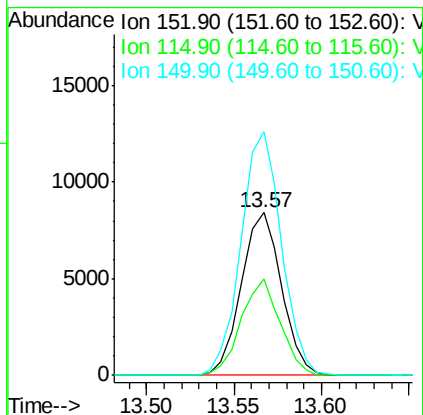
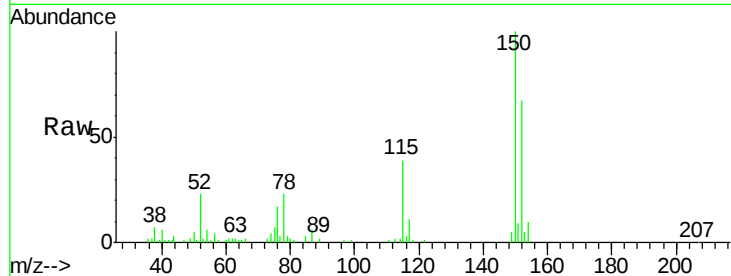


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003790.D
Acq: 09 Jul 2018 20:46

Instrument :
MSVOA_W
ClientSampleId :
EPE-108-6A(55-57)

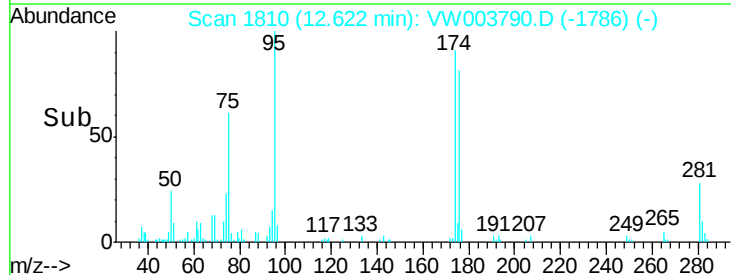
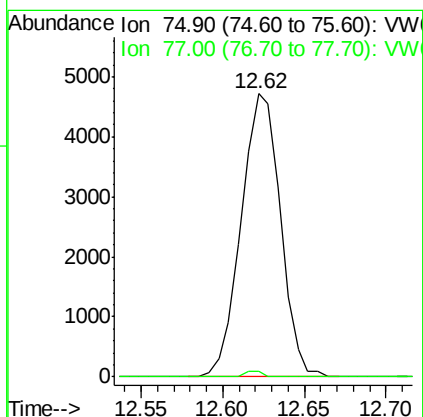
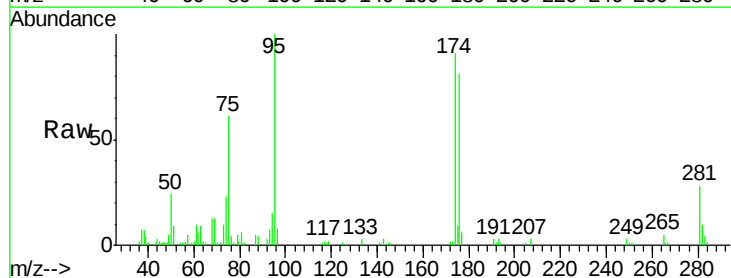
Tot Ion:152 Resp: 13489
Ion Ratio Lower Upper
152 100
115 57.1 28.9 86.8
150 150.2 0.0 342.4

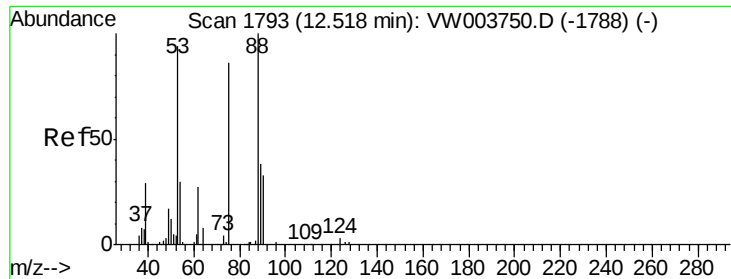


#76

1,2,3-Trichloropropane
Concen: 59.792 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW003790.D
Acq: 09 Jul 2018 20:46

Tgt Ion: 75 Resp: 7920
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 146.265 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003790.D

Acq: 09 Jul 2018 20:46

Instrument :

MSVOA_W

ClientSampleId :

EPE-108-6A(55-57)

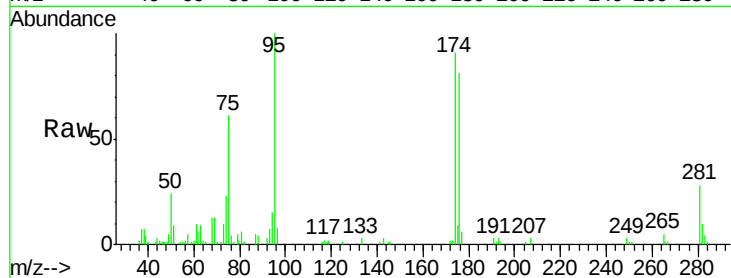
Tot Ion: 75 Resp: 7920

Ion Ratio Lower Upper

75 100

53 0.0 85.0 127.6#

89 0.0 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

