

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062718\
 Data File : VW003597.D
 Acq On : 27 Jun 2018 04:24
 Operator : SY/AP
 Sample : J3688-01
 Misc : 6.35G/5ML/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-109-6(60-62)

Quant Time: Jun 27 07:58:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	15995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	24590	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	19780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	5337	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	9184	53.01	ug/l	0.00
Spiked Amount			Recovery	=	106.02%	
35) Dibromofluoromethane	7.89	113	7410	48.50	ug/l	0.00
Spiked Amount			Recovery	=	97.00%	
50) Toluene-d8	10.33	98	17272	28.51	ug/l	0.00
Spiked Amount			Recovery	=	57.02%	
62) 4-Bromofluorobenzene	12.63	95	4113	19.18	ug/l	0.00
Spiked Amount			Recovery	=	38.36%	

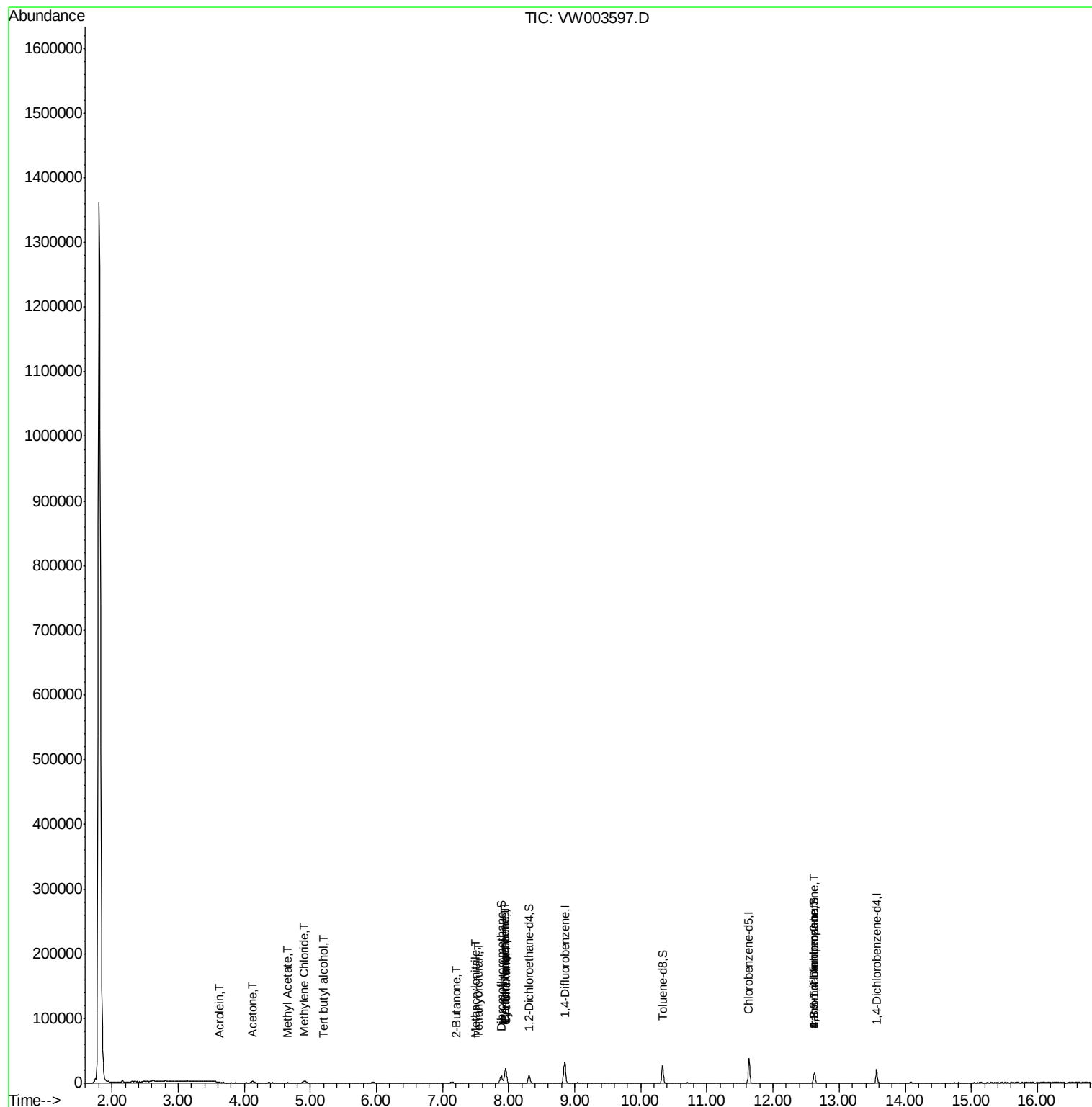
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	56	6.027	ug/l #	84
13) Acrolein	3.63	56	24	1.807	ug/l #	15
16) Acetone	4.12	43	3532	97.204	ug/l	94
18) Methyl Acetate	4.66	43	421	4.884	ug/l #	52
20) Methylene Chloride	4.91	84	2172	11.225	ug/l	90
25) 2-Butanone	7.20	43	190	4.205	ug/l #	50
29) Tetrahydrofuran	7.54	42	140	5.070	ug/l #	35
31) Cyclohexane	7.96	56	493	1.761	ug/l #	33
36) 1,1-Dichloropropene	7.95	75	1528	6.434	ug/l #	42
38) Carbon Tetrachloride	7.95	117	1797	7.714	ug/l #	12
41) Methacrylonitrile	7.50	41	70	1.159	ug/l #	25
76) 1,2,3-Trichloropropane	12.62	75	2529	55.430	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	2529	127.547	ug/l #	8

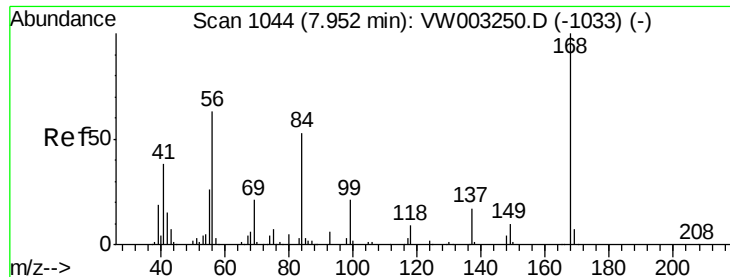
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062718\
Data File : VW003597.D
Acq On : 27 Jun 2018 04:24
Operator : SY/AP
Sample : J3688-01
Misc : 6.35G/5ML/MSVOA_W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EPE-109-6(60-62)

Quant Time: Jun 27 07:58:02 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 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: VW003597.D

Acq: 27 Jun 2018 04:24

Instrument :

MSVOA_W

ClientSampleId :

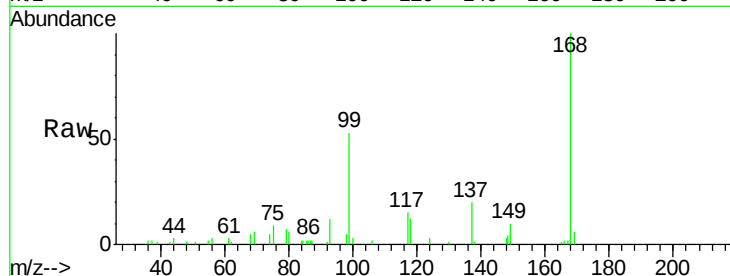
EPE-109-6(60-62)

Tgt Ion:168 Resp: 15995

Ion Ratio Lower Upper

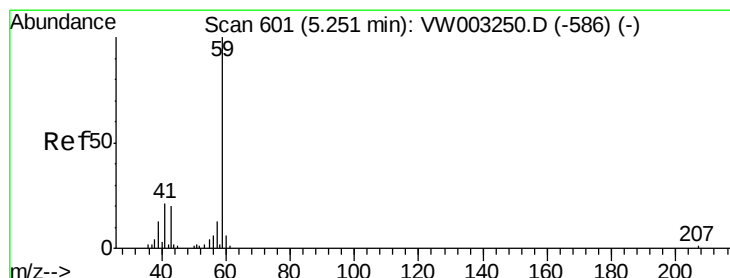
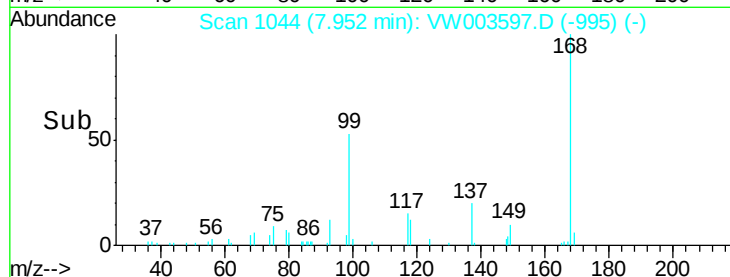
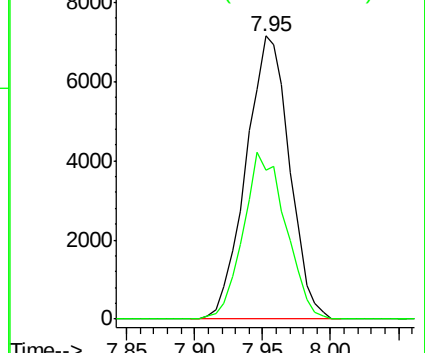
168 100

99 52.5 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 6.027 ug/l

RT: 5.20 min Scan# 593

Delta R.T. -0.05 min

Lab File: VW003597.D

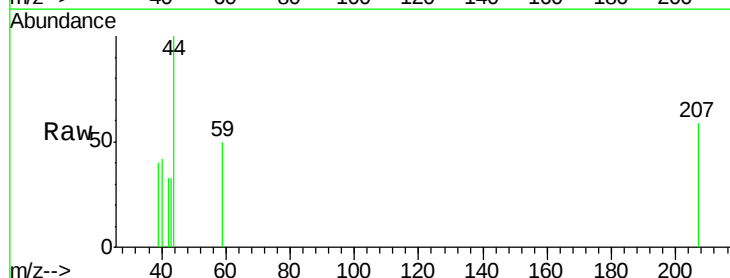
Acq: 27 Jun 2018 04:24

Tgt Ion: 59 Resp: 56

Ion Ratio Lower Upper

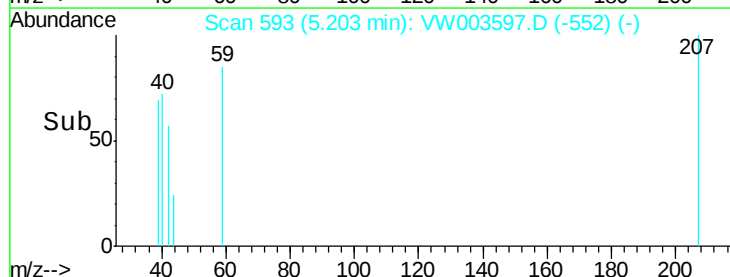
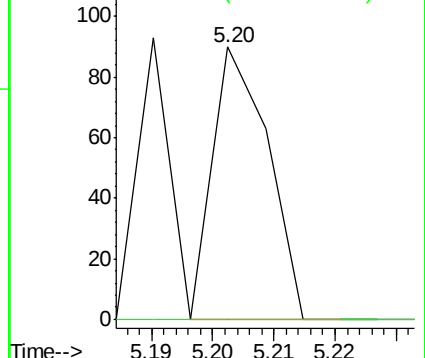
59 100

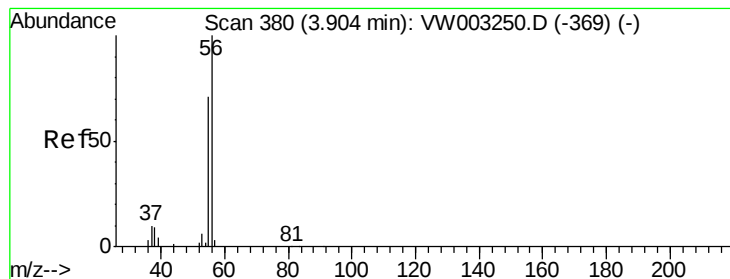
57 0.0 4.2 6.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 1.807 ug/l

RT: 3.63 min Scan# 335

Delta R.T. -0.27 min

Lab File: VW003597.D

Acq: 27 Jun 2018 04:24

Instrument :

MSVOA_W

ClientSampleId :

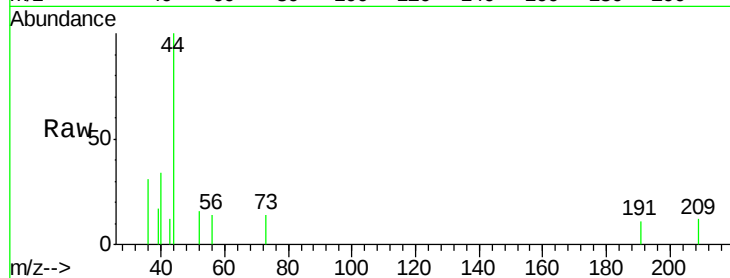
EPE-109-6(60-62)

Tgt Ion: 56 Resp: 24

Ion Ratio Lower Upper

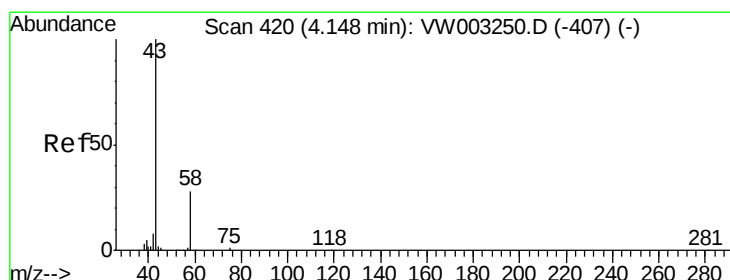
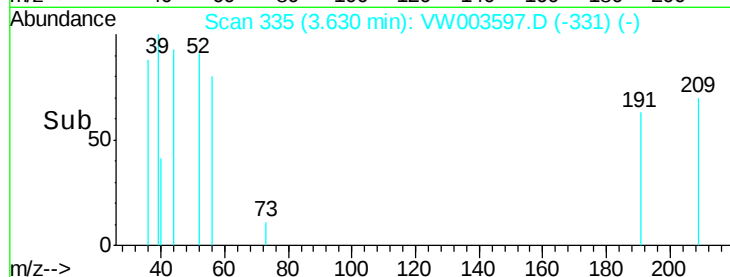
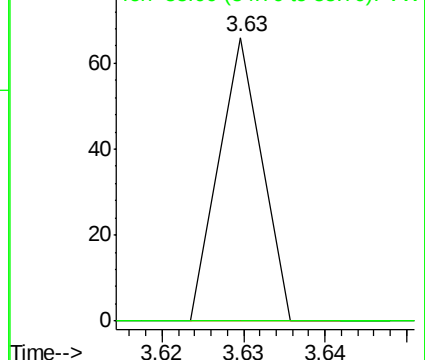
56 100

55 0.0 55.4 83.2#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#16

Acetone

Concen: 97.204 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.03 min

Lab File: VW003597.D

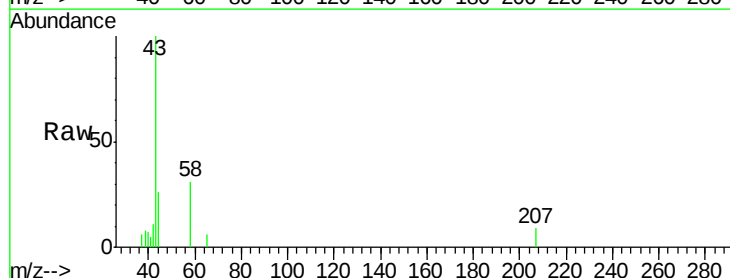
Acq: 27 Jun 2018 04:24

Tgt Ion: 43 Resp: 3532

Ion Ratio Lower Upper

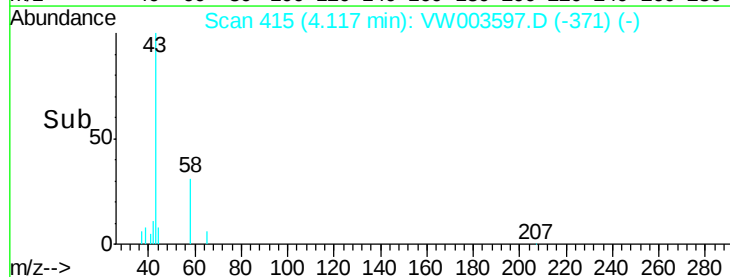
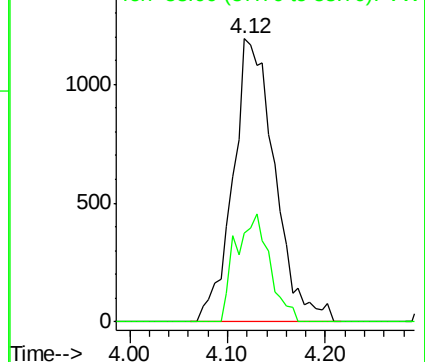
43 100

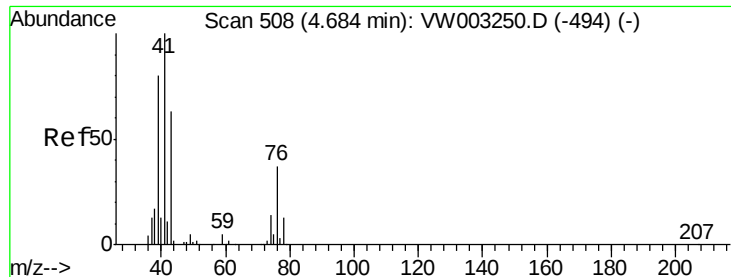
58 31.2 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

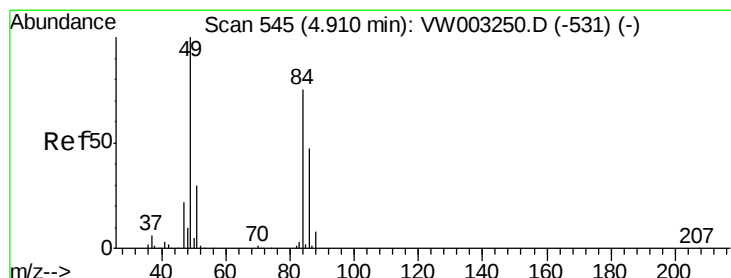
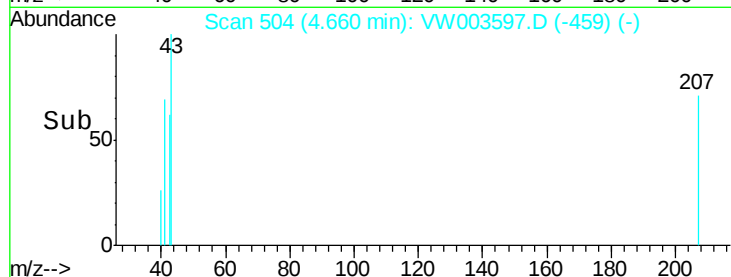
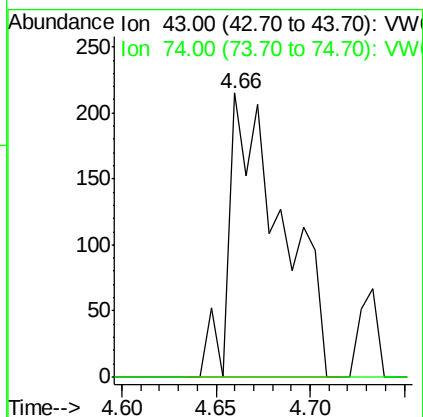
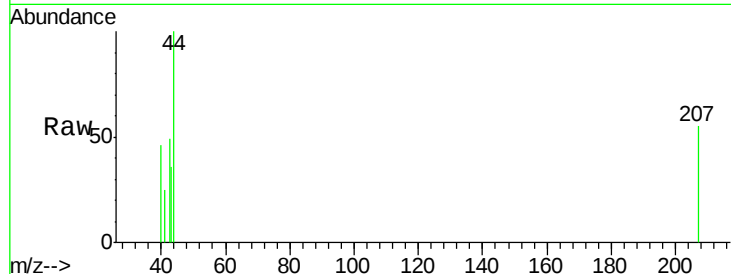




#18
Methyl Acetate
Concen: 4.884 ug/l
RT: 4.66 min Scan# 504
Delta R.T. -0.02 min
Lab File: VW003597.D
Acq: 27 Jun 2018 04:24

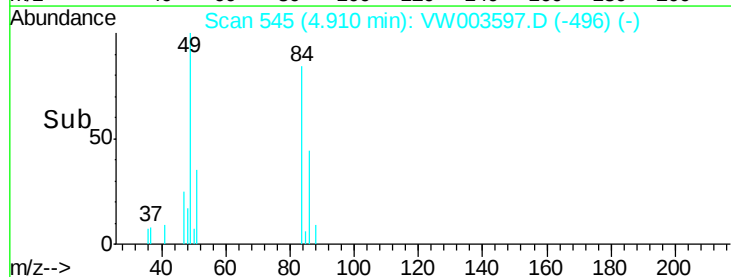
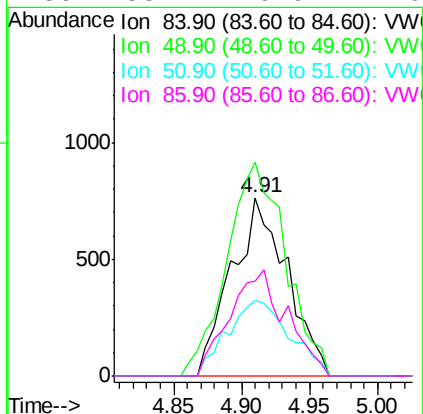
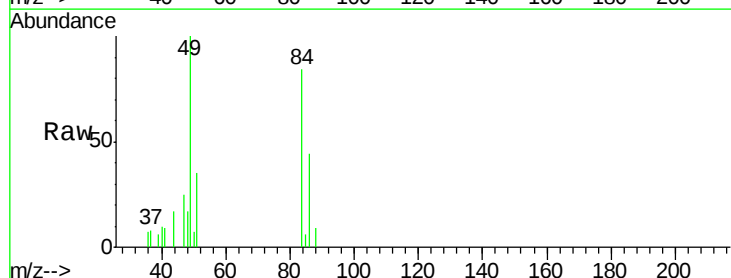
Instrument :
MSVOA_W
ClientSampleId :
EPE-109-6(60-62)

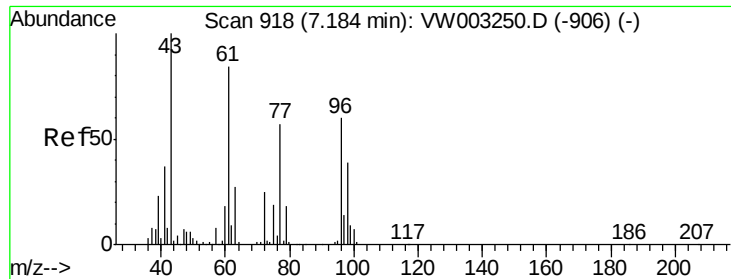
Tgt Ion: 43 Resp: 421
Ion Ratio Lower Upper
43 100
74 0.0 18.7 28.1#



#20
Methylene Chloride
Concen: 11.225 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003597.D
Acq: 27 Jun 2018 04:24

Tgt Ion: 84 Resp: 2172
Ion Ratio Lower Upper
84 100
49 119.6 106.3 159.5
51 42.1 32.0 48.0
86 53.1 49.9 74.9





#25

2-Butanone

Concen: 4.205 ug/l

RT: 7.20 min Scan# 921

Delta R.T. 0.02 min

Lab File: VW003597.D

Acq: 27 Jun 2018 04:24

Instrument :

MSVOA_W

ClientSampleId :

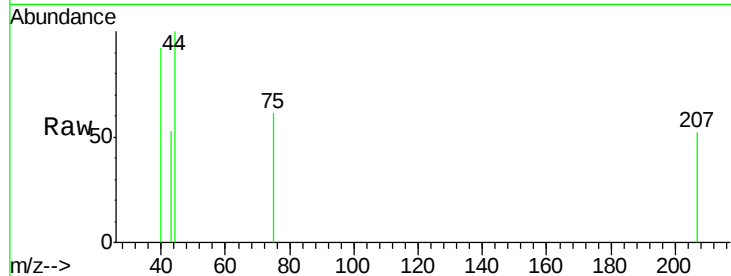
EPE-109-6(60-62)

Tgt Ion: 43 Resp: 190

Ion Ratio Lower Upper

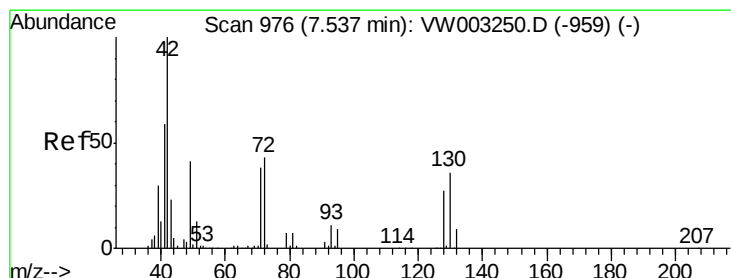
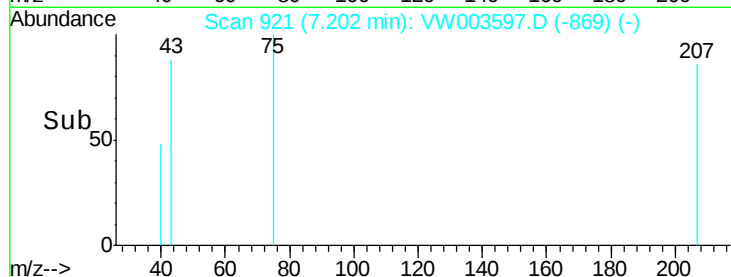
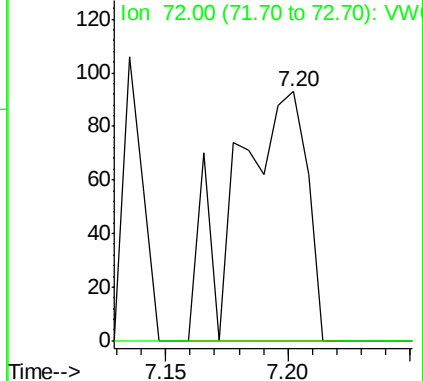
43 100

72 0.0 20.3 30.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#29

Tetrahydrofuran

Concen: 5.070 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW003597.D

Acq: 27 Jun 2018 04:24

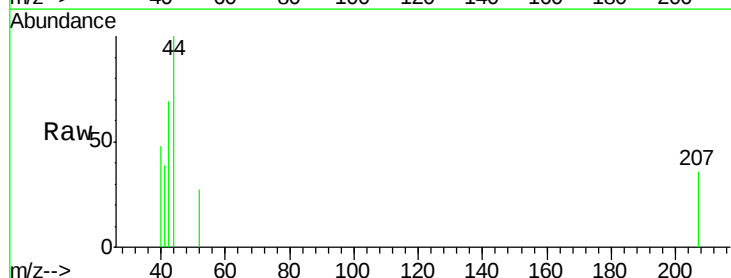
Tgt Ion: 42 Resp: 140

Ion Ratio Lower Upper

42 100

72 0.0 32.4 48.6#

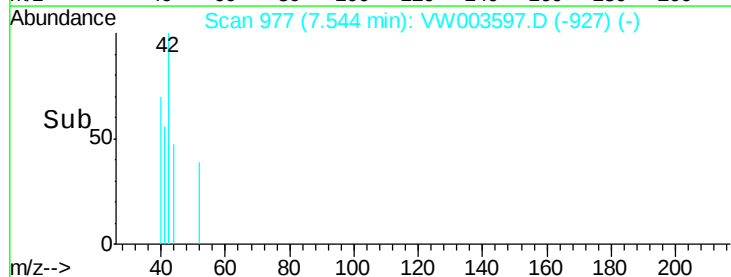
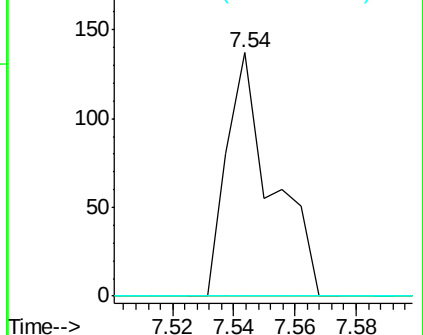
71 0.0 31.2 46.8#

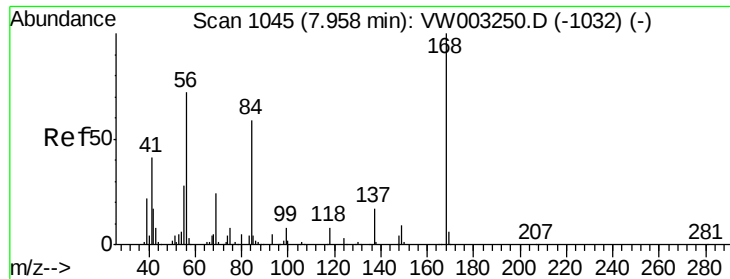


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#31

Cyclohexane

Concen: 1.761 ug/l

RT: 7.96 min Scan# 1046

Delta R.T. 0.01 min

Lab File: VW003597.D

Acq: 27 Jun 2018 04:24

Instrument :

MSVOA_W

ClientSampleId :

EPE-109-6(60-62)

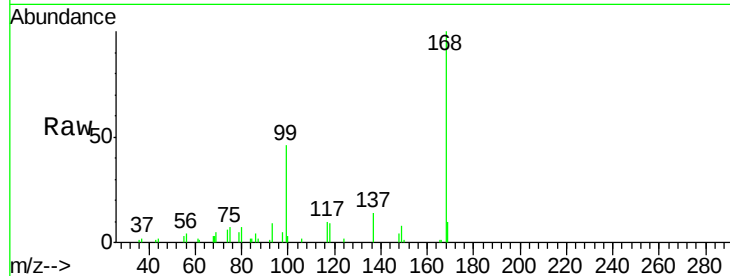
Tgt Ion: 56 Resp: 493

Ion Ratio Lower Upper

56 100

69 133.3 26.3 39.5#

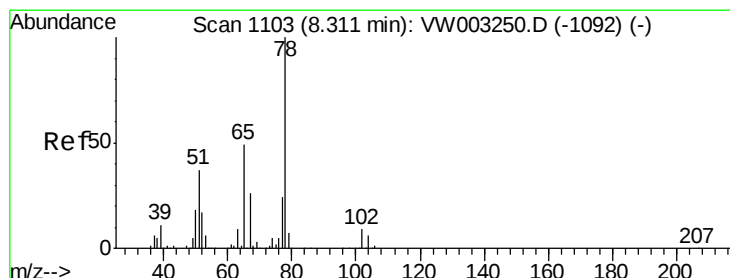
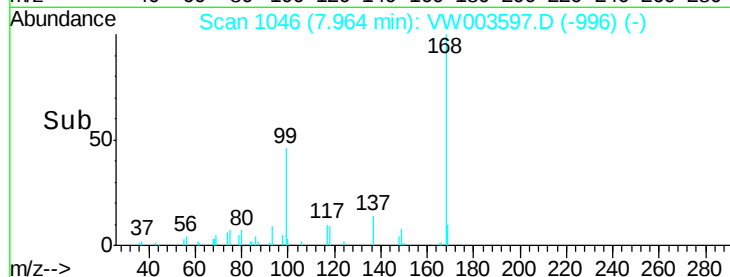
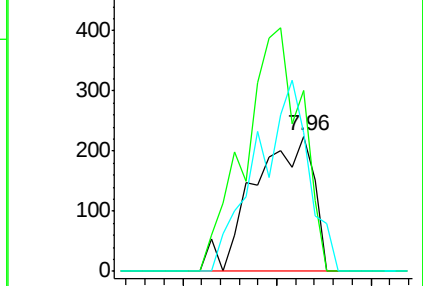
84 102.2 65.7 98.5#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 53.010 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003597.D

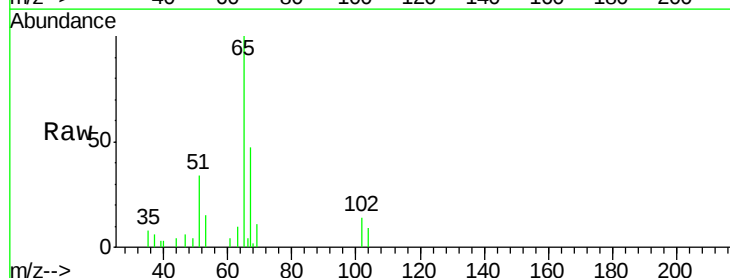
Acq: 27 Jun 2018 04:24

Tgt Ion: 65 Resp: 9184

Ion Ratio Lower Upper

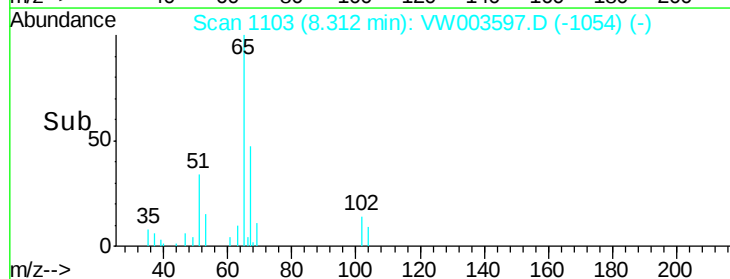
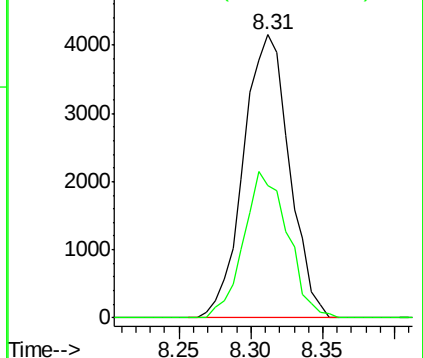
65 100

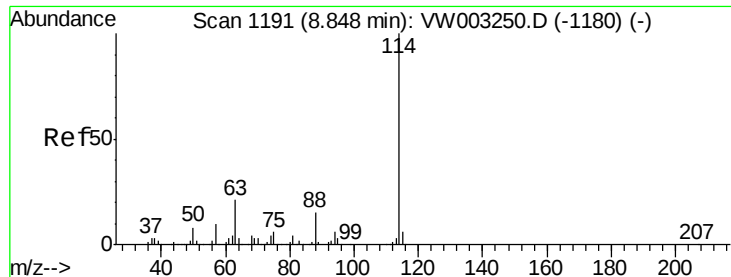
67 49.4 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

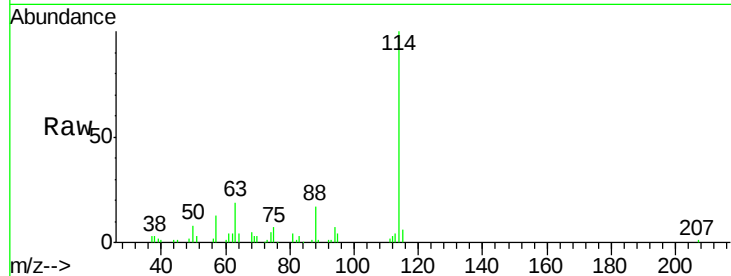




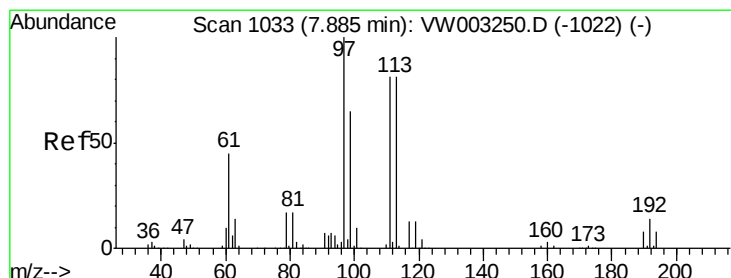
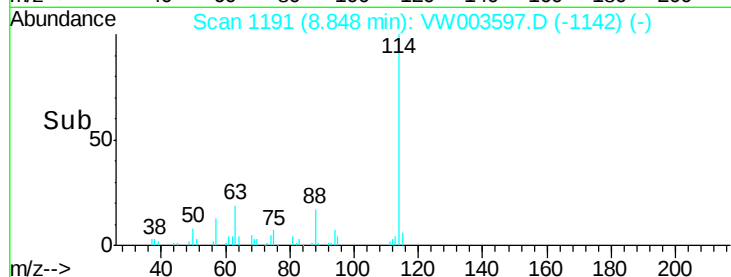
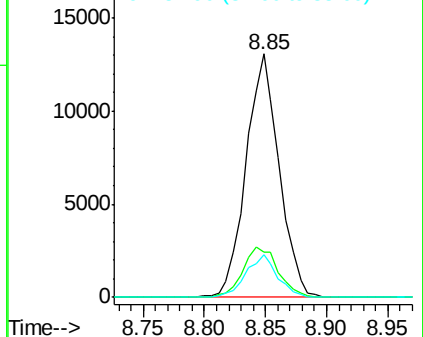
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003597.D
 Acq: 27 Jun 2018 04:24

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-109-6(60-62)

Tgt Ion:114 Resp: 24590
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 43.0
 88 17.3 0.0 29.6

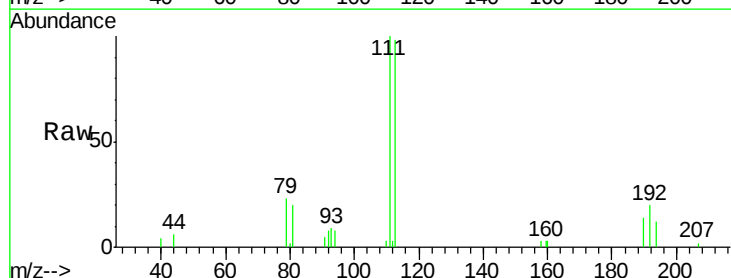


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

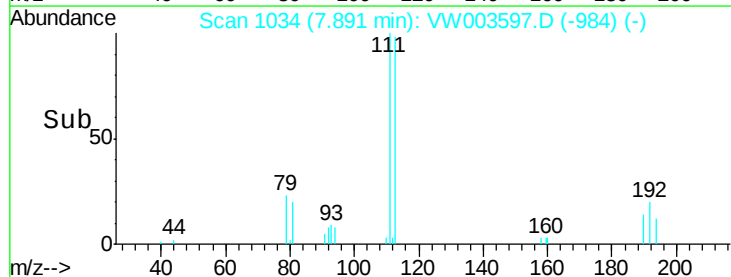
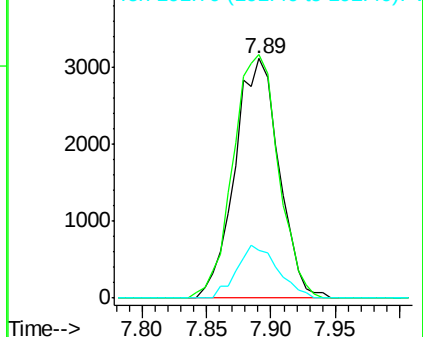


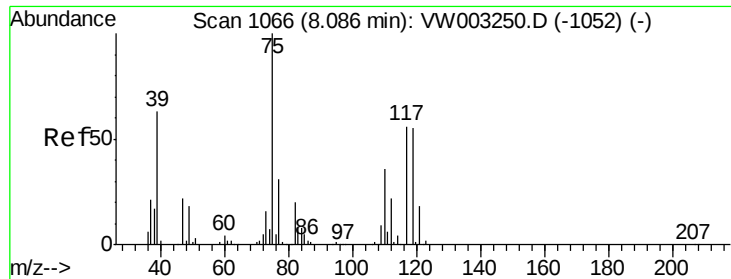
#35
 Dibromofluoromethane
 Concen: 48.496 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003597.D
 Acq: 27 Jun 2018 04:24

Tgt Ion:113 Resp: 7410
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.2 123.2
 192 20.5 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

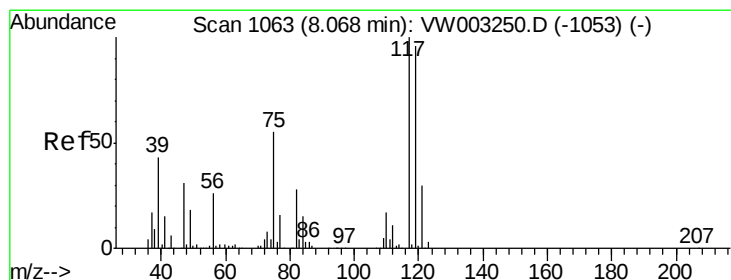
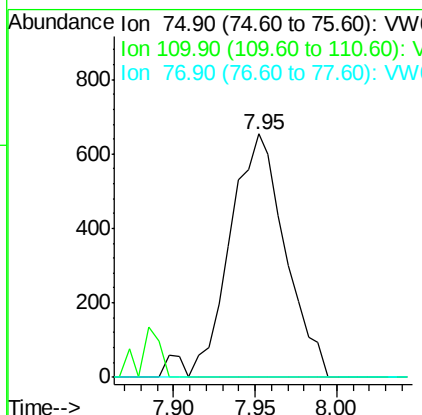
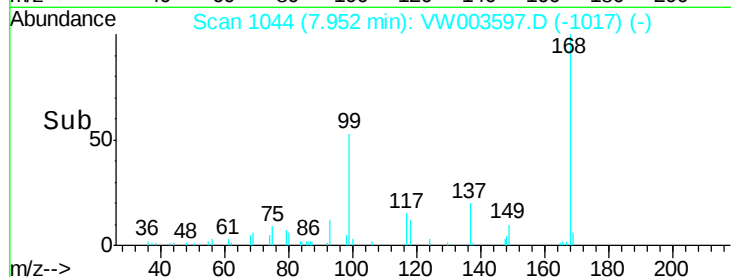
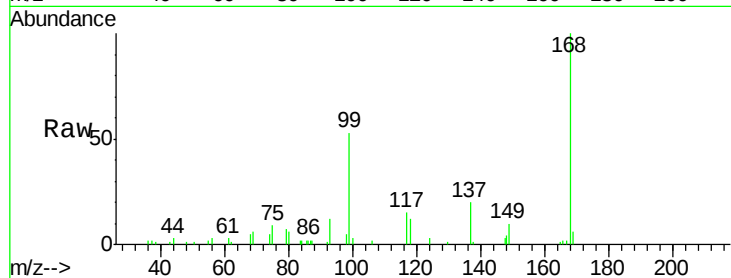




#36
 1,1-Dichloropropene
 Concen: 6.434 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003597.D
 Acq: 27 Jun 2018 04:24

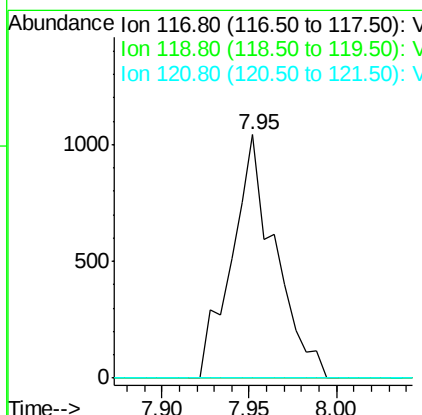
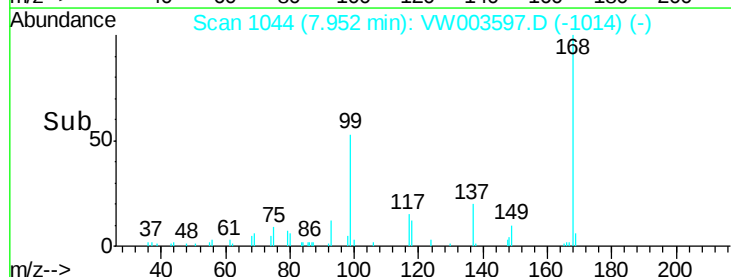
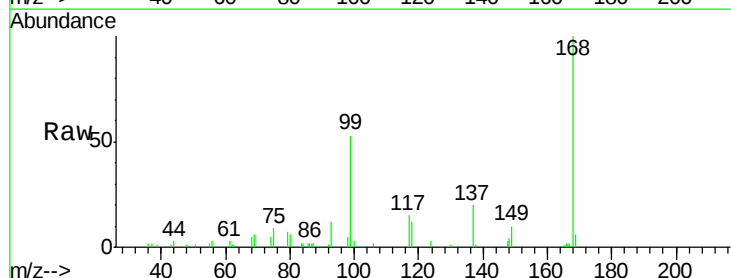
Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-109-6(60-62)

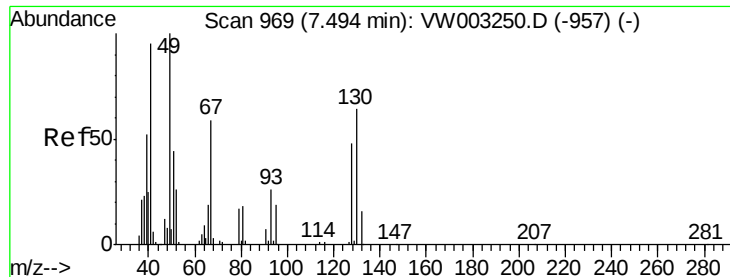
Tgt Ion: 75 Resp: 1528
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.1 51.3#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 7.714 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW003597.D
 Acq: 27 Jun 2018 04:24

Tgt Ion: 117 Resp: 1797
 Ion Ratio Lower Upper
 117 100
 119 0.0 76.6 115.0#
 121 0.0 23.9 35.9#

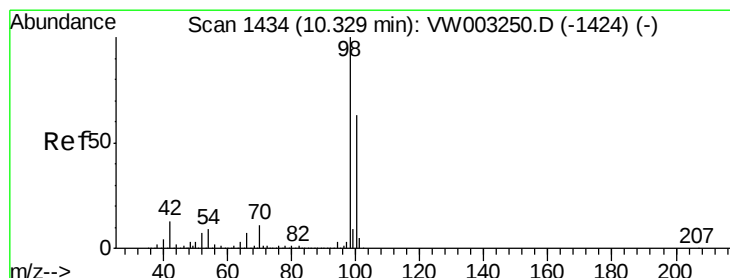
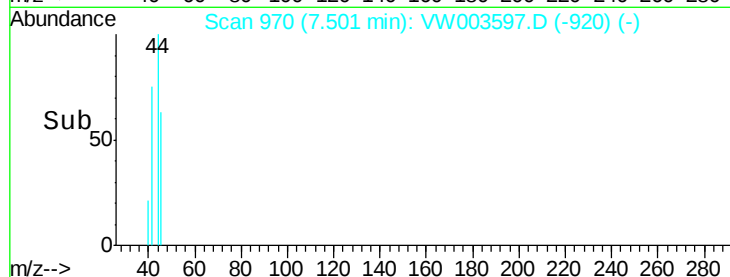
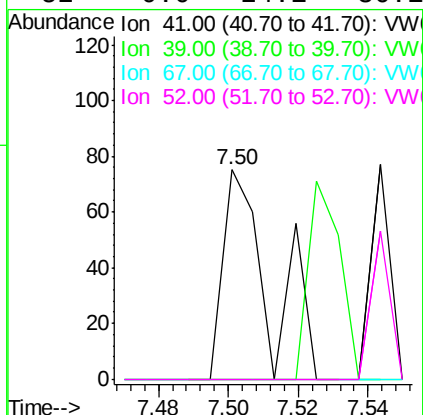
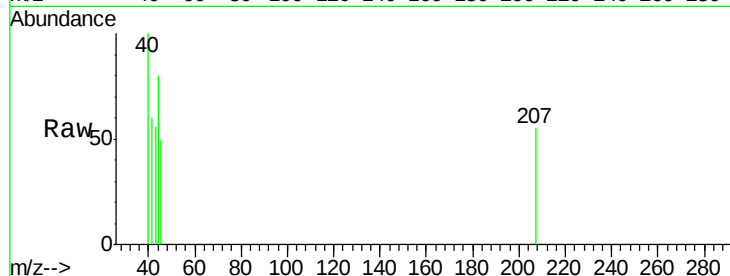




#41
Methacrylonitrile
Concen: 1.159 ug/l
RT: 7.50 min Scan# 970
Delta R.T. 0.01 min
Lab File: VW003597.D
Acq: 27 Jun 2018 04:24

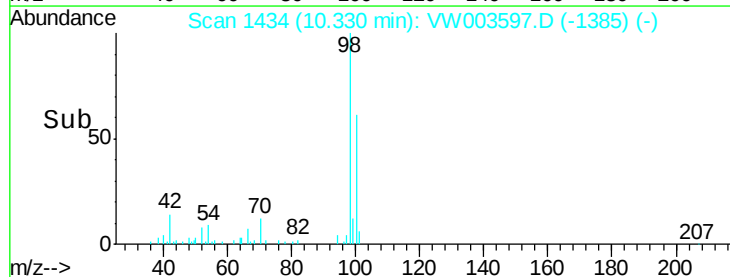
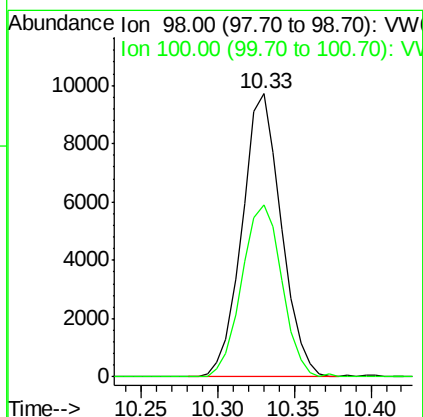
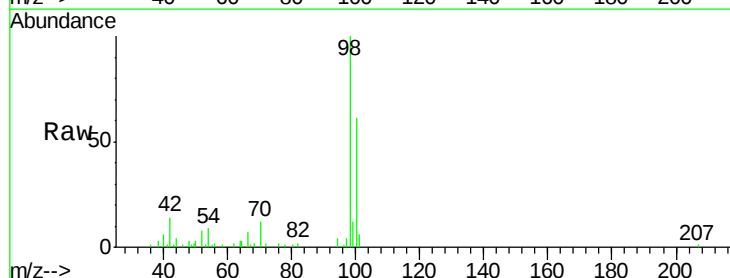
Instrument :
MSVOA_W
ClientSampleId :
EPE-109-6(60-62)

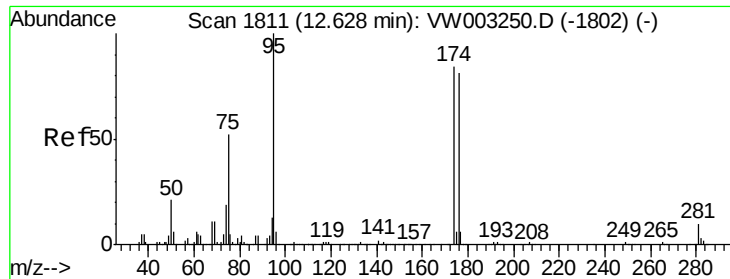
Tgt Ion:	41	Resp:	70
Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.8	68.8#
67	0.0	52.3	78.5#
52	0.0	24.1	36.1#



#50
Toluene-d8
Concen: 28.508 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003597.D
Acq: 27 Jun 2018 04:24

Tgt Ion:	98	Resp:	17272
Ion	Ratio	Lower	Upper
98	100		
100	62.3	50.8	76.2





#62

4-Bromofluorobenzene

Concen: 19.183 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003597.D

Acq: 27 Jun 2018 04:24

Instrument :

MSVOA_W

ClientSampleId :

EPE-109-6(60-62)

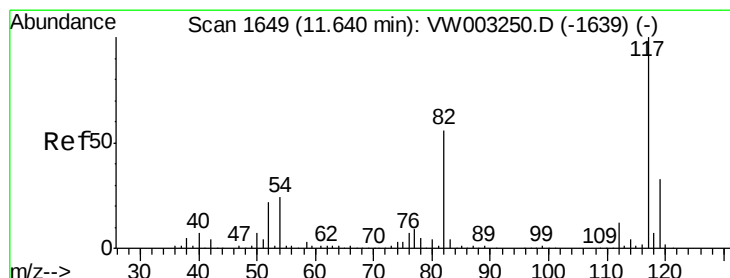
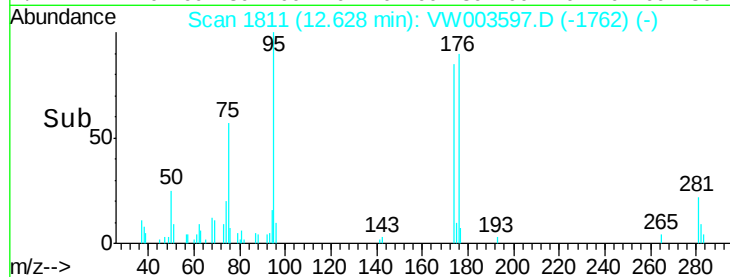
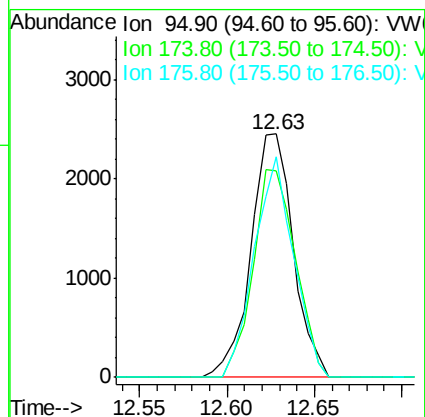
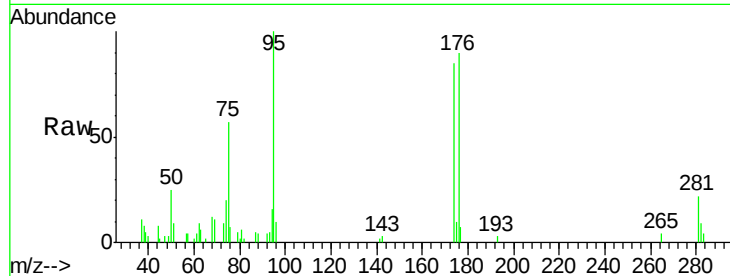
Tgt Ion: 95 Resp: 4113

Ion Ratio Lower Upper

95 100

174 85.5 0.0 166.4

176 84.3 0.0 162.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.01 min

Lab File: VW003597.D

Acq: 27 Jun 2018 04:24

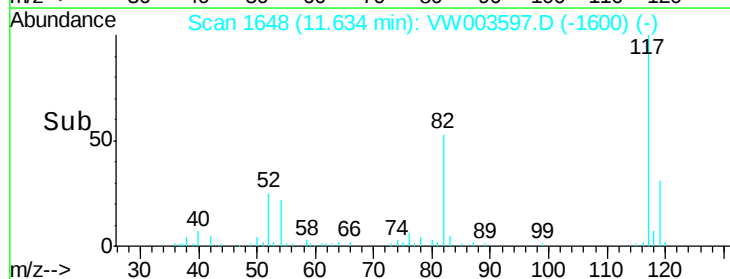
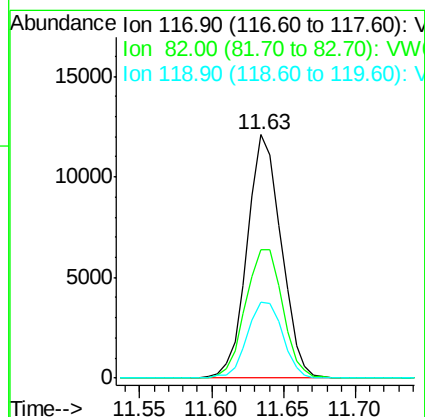
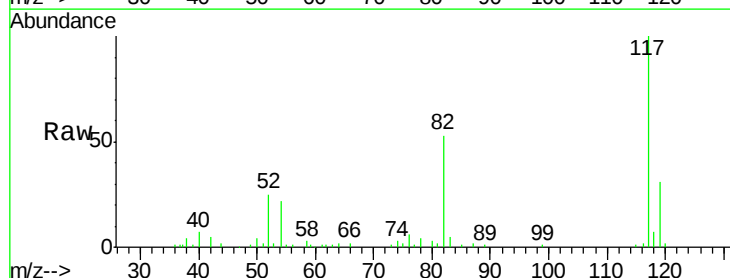
Tgt Ion: 117 Resp: 19780

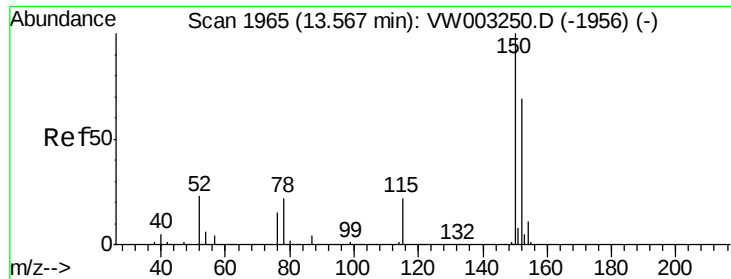
Ion Ratio Lower Upper

117 100

82 52.5 44.6 67.0

119 31.3 26.7 40.1



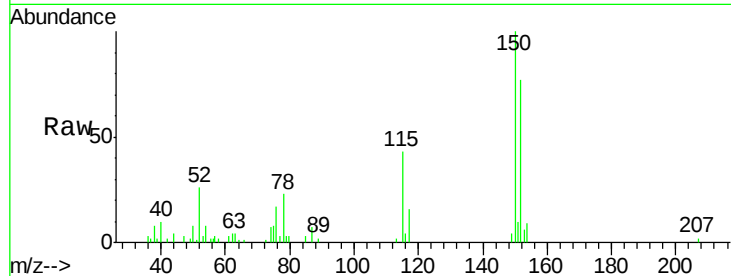


#72

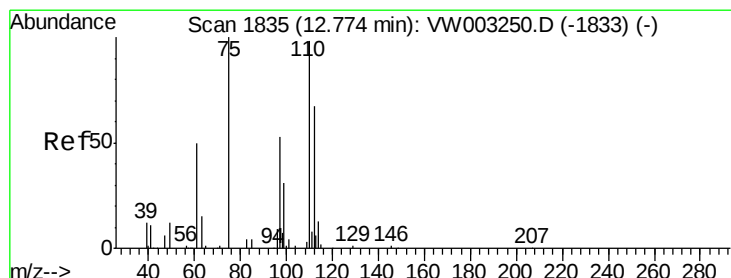
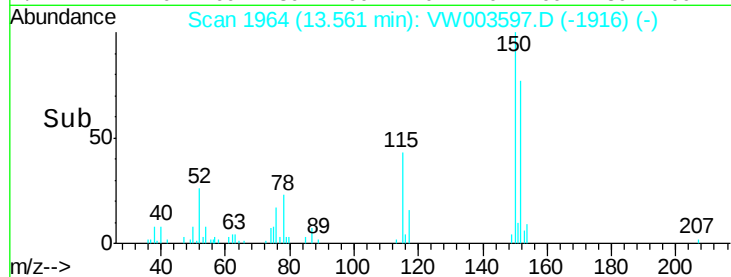
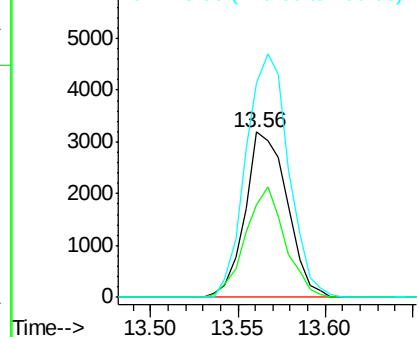
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1964
Delta R.T. -0.01 min
Lab File: VW003597.D
Acq: 27 Jun 2018 04:24

Instrument :
MSVOA_W
ClientSampleId :
EPE-109-6(60-62)

Tgt Ion:152 Resp: 5337
Ion Ratio Lower Upper
152 100
115 62.8 29.3 88.0
150 149.0 0.0 349.6



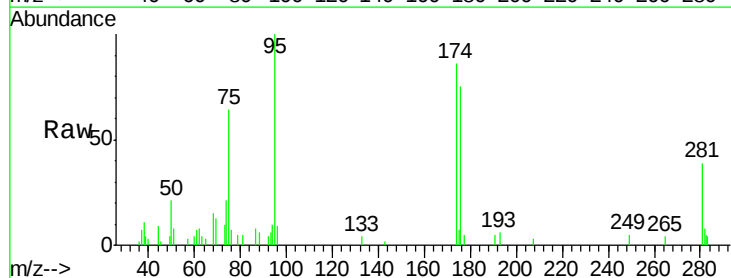
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



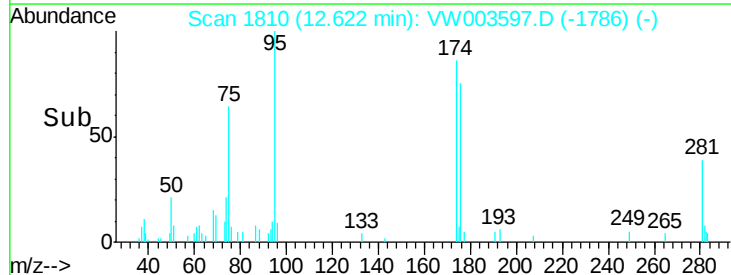
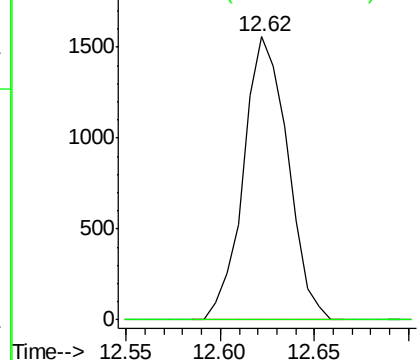
#76

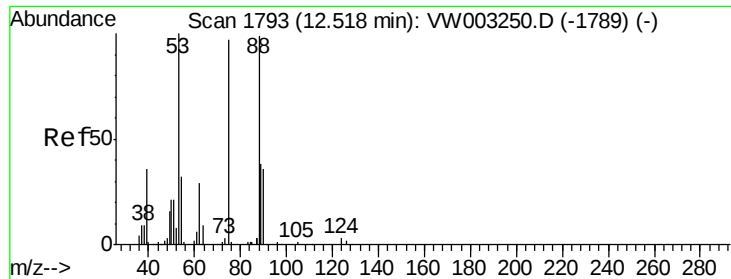
1,2,3-Trichloropropane
Concen: 55.430 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW003597.D
Acq: 27 Jun 2018 04:24

Tgt Ion: 75 Resp: 2529
Ion Ratio Lower Upper
75 100
77 0.0 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: 127.547 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003597.D

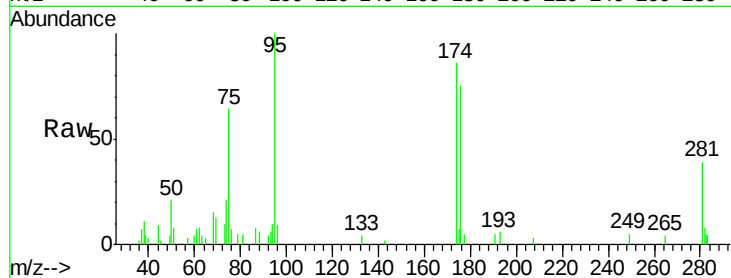
Acq: 27 Jun 2018 04:24

Instrument :

MSVOA_W

ClientSampleId :

EPE-109-6(60-62)



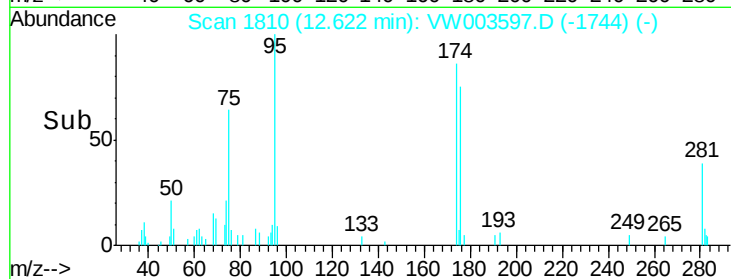
Tgt Ion: 75 Resp: 2529

Ion Ratio Lower Upper

75 100

53 0.0 82.9 124.3#

89 0.0 36.7 55.1#



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

