

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062718\
 Data File : VW003582.D
 Acq On : 26 Jun 2018 21:57
 Operator : SY/AP
 Sample : J3632-02
 Misc : 7.03G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-105-4(65-67)

Quant Time: Jun 27 07:54:56 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	15938	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	23576	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	21593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	8244	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	8127	47.08	ug/l	0.00
Spiked Amount			Recovery	=	94.16%	
35) Dibromofluoromethane	7.89	113	6779	46.27	ug/l	0.00
Spiked Amount			Recovery	=	92.54%	
50) Toluene-d8	10.33	98	17883	30.79	ug/l	0.00
Spiked Amount			Recovery	=	61.58%	
62) 4-Bromofluorobenzene	12.63	95	5426	26.40	ug/l	0.00
Spiked Amount			Recovery	=	52.80%	

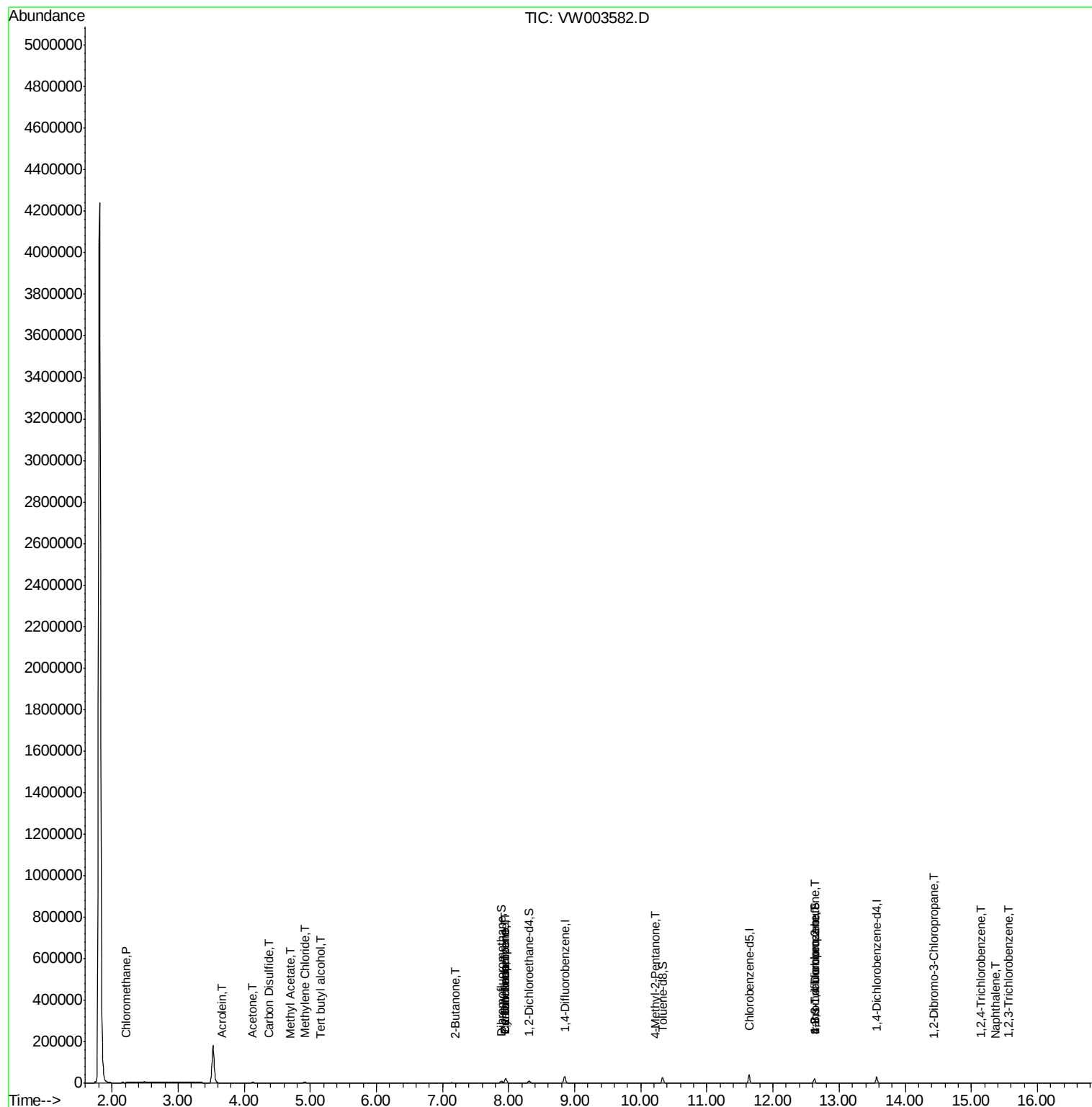
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.21	50	171	1.405	ug/l #	44
11) Tert butyl alcohol	5.17	59	25	2.700	ug/l #	84
13) Acrolein	3.67	56	24	1.813	ug/l #	15
16) Acetone	4.14	43	6666	184.111	ug/l	100
17) Carbon Disulfide	4.37	76	807	1.892	ug/l #	75
18) Methyl Acetate	4.68	43	1675	19.501	ug/l #	86
20) Methylene Chloride	4.92	84	2103	10.795	ug/l #	86
25) 2-Butanone	7.19	43	159	3.532	ug/l #	50
31) Cyclohexane	7.95	56	373	1.337	ug/l #	45
36) 1,1-Dichloropropene	7.96	75	1393	6.118	ug/l #	44
38) Carbon Tetrachloride	7.95	117	1633	7.312	ug/l #	12
51) 4-Methyl-2-Pentanone	10.21	43	189	1.980	ug/l #	59
76) 1,2,3-Trichloropropane	12.63	75	3173	45.022	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	3173	103.598	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	14.44	75	22	1.348	ug/l #	4
93) 1,2,4-Trichlorobenzene	15.14	180	302	1.790	ug/l	94
95) Naphthalene	15.38	128	497	1.737	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.57	180	214	1.441	ug/l	91

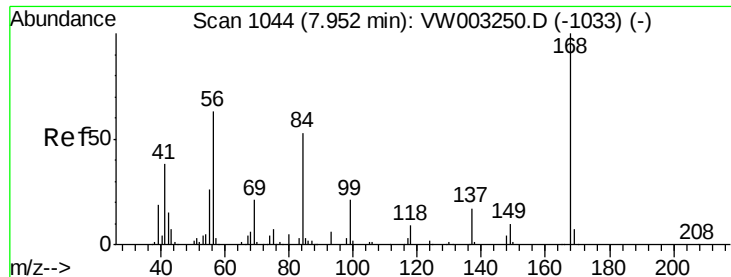
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062718\
Data File : VW003582.D
Acq On : 26 Jun 2018 21:57
Operator : SY/AP
Sample : J3632-02
Misc : 7.03G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EPE-105-4(65-67)

Quant Time: Jun 27 07:54:56 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: VW003582.D

Acq: 26 Jun 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

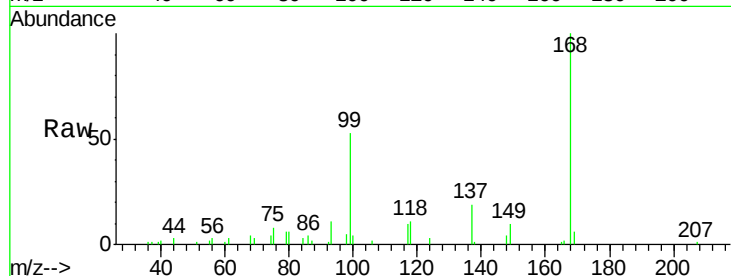
EPE-105-4(65-67)

Tgt Ion:168 Resp: 15938

Ion Ratio Lower Upper

168 100

99 52.6 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

8000

6000

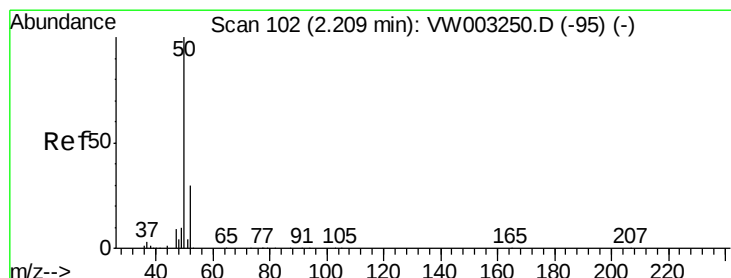
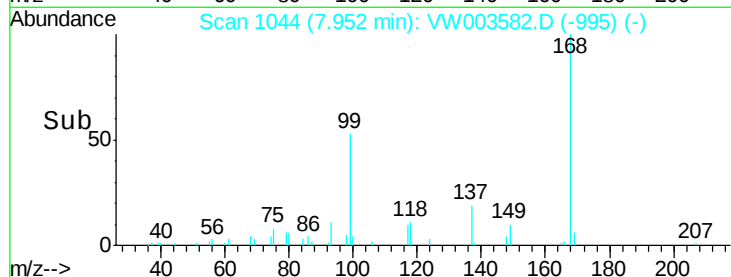
4000

2000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#3

Chloromethane

Concen: 1.405 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003582.D

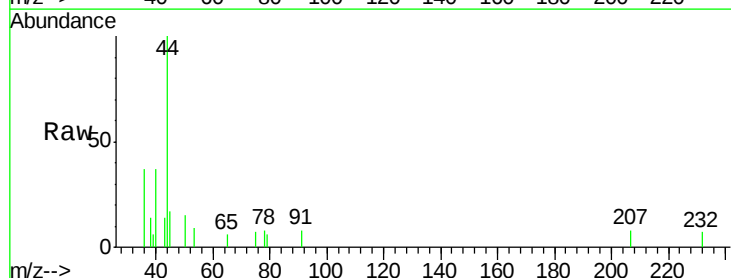
Acq: 26 Jun 2018 21:57

Tgt Ion: 50 Resp: 171

Ion Ratio Lower Upper

50 100

52 0.0 24.2 36.2#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

150

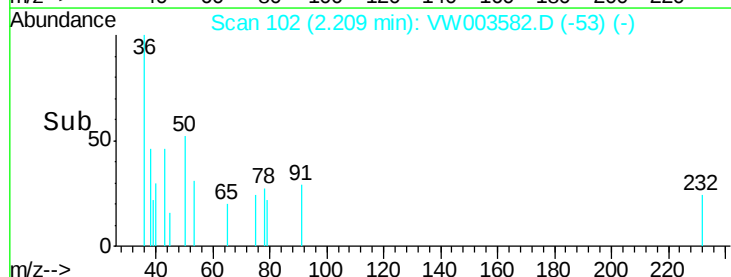
100

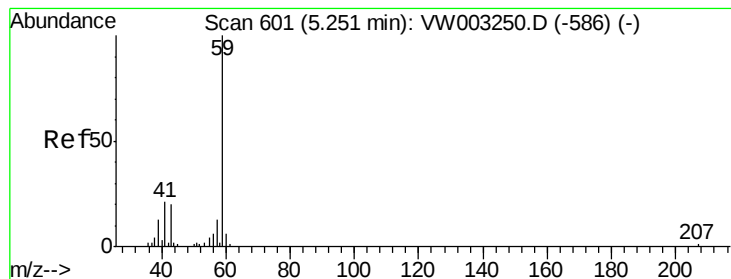
50

0

Time-->

2.18 2.20 2.22



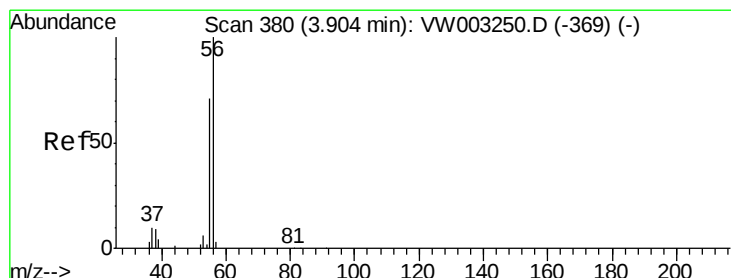
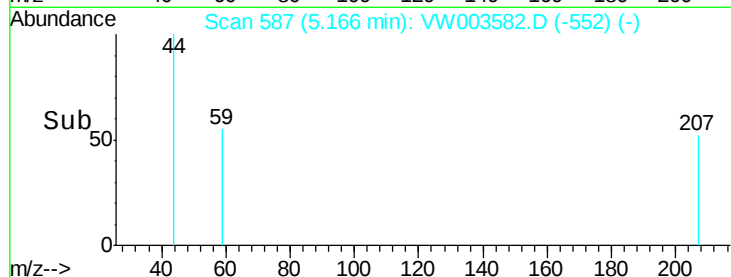
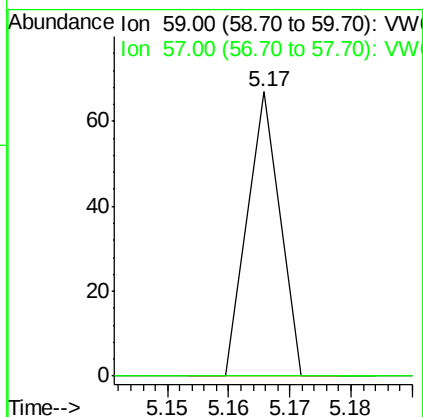
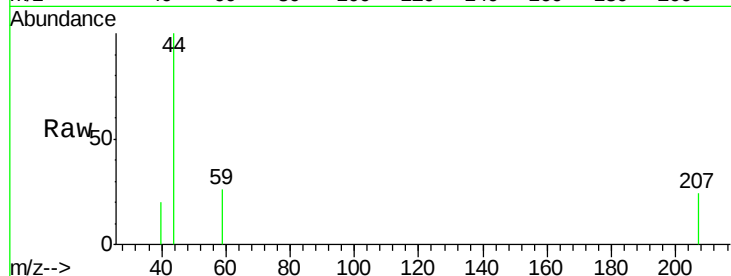


#11

Tert butyl alcohol
 Concen: 2.700 ug/l
 RT: 5.17 min Scan# 587
 Delta R.T. -0.09 min
 Lab File: VW003582.D
 Acq: 26 Jun 2018 21:57

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-105-4(65-67)

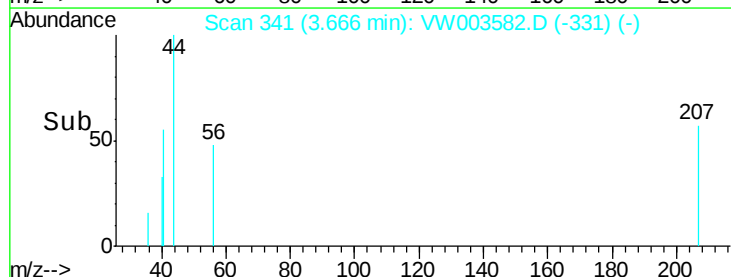
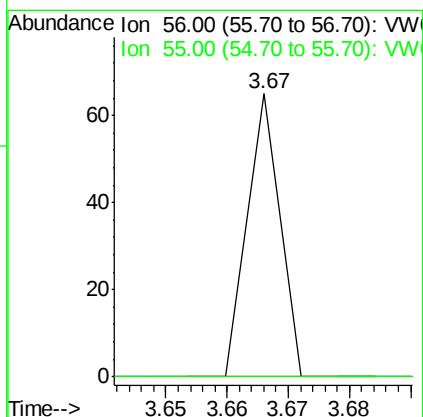
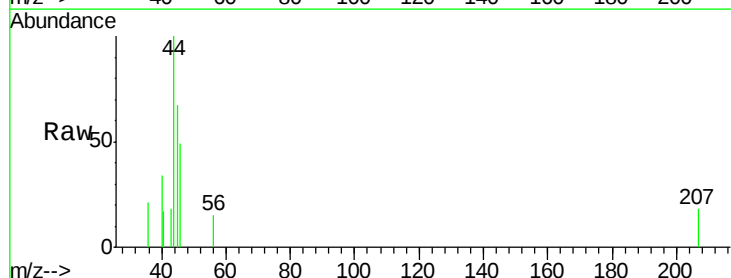
Tgt Ion: 59 Resp: 25
 Ion Ratio Lower Upper
 59 100
 57 0.0 4.2 6.2#

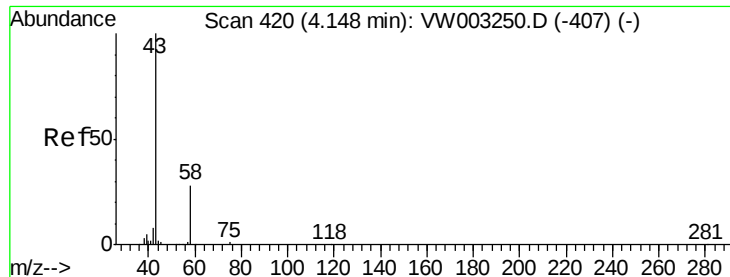


#13

Acrolein
 Concen: 1.813 ug/l
 RT: 3.67 min Scan# 341
 Delta R.T. -0.24 min
 Lab File: VW003582.D
 Acq: 26 Jun 2018 21:57

Tgt Ion: 56 Resp: 24
 Ion Ratio Lower Upper
 56 100
 55 0.0 55.4 83.2#





#16

Acetone

Concen: 184.111 ug/l

RT: 4.14 min Scan# 418

Delta R.T. -0.01 min

Lab File: VW003582.D

Acq: 26 Jun 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

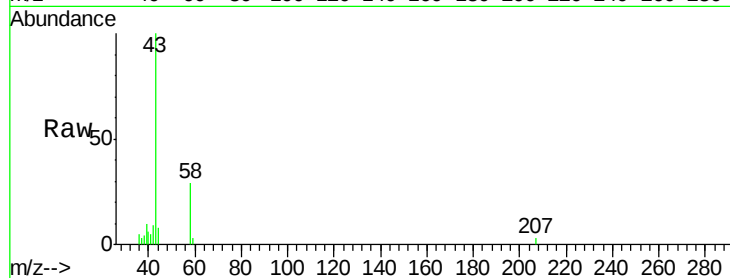
EPE-105-4(65-67)

Tgt Ion: 43 Resp: 6666

Ion Ratio Lower Upper

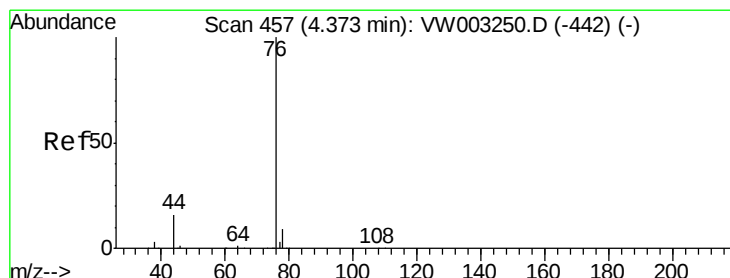
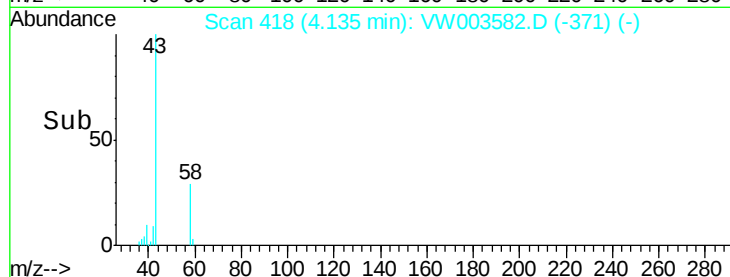
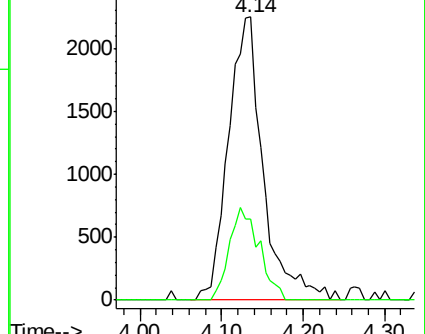
43 100

58 28.5 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: 1.892 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW003582.D

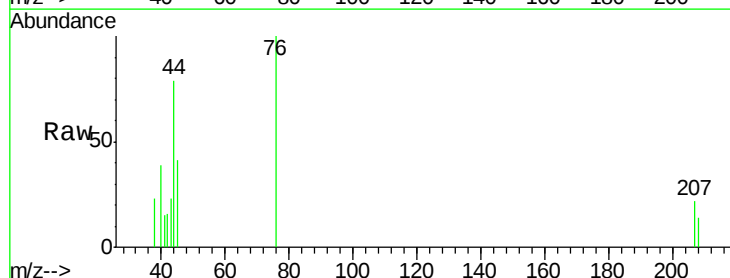
Acq: 26 Jun 2018 21:57

Tgt Ion: 76 Resp: 807

Ion Ratio Lower Upper

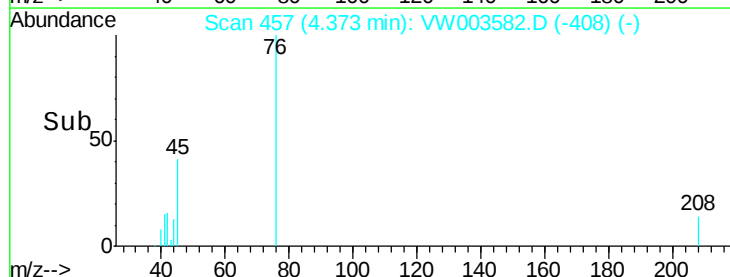
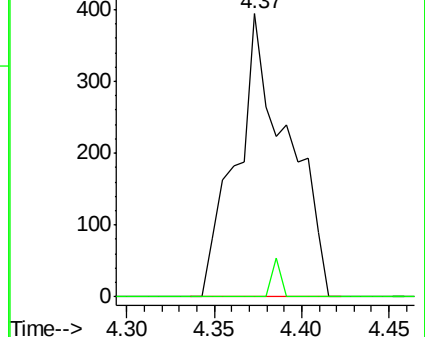
76 100

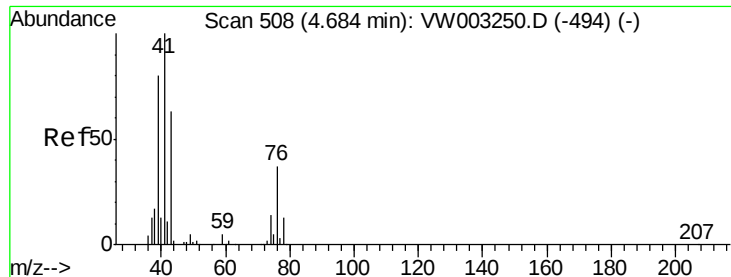
78 0.0 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

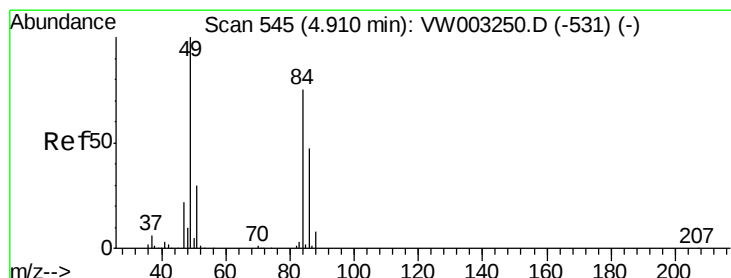
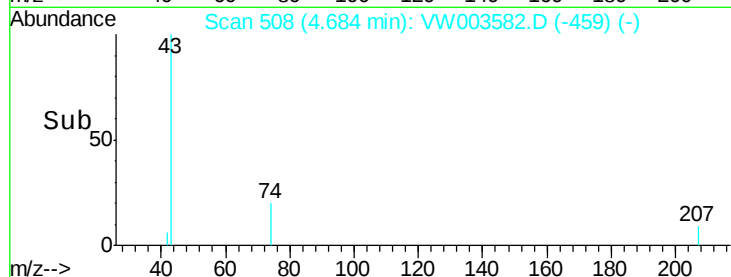
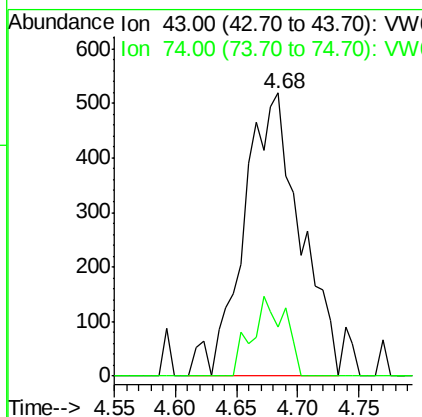
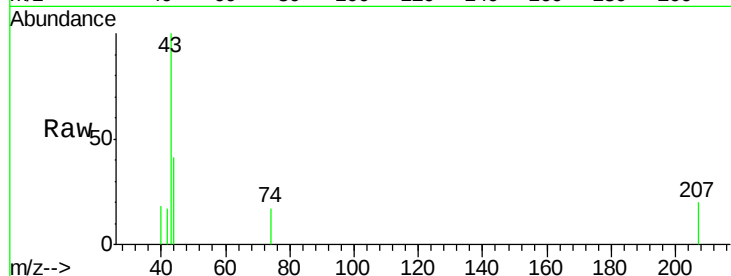




#18
Methyl Acetate
Concen: 19.501 ug/l
RT: 4.68 min Scan# 508
Delta R.T. 0.00 min
Lab File: VW003582.D
Acq: 26 Jun 2018 21:57

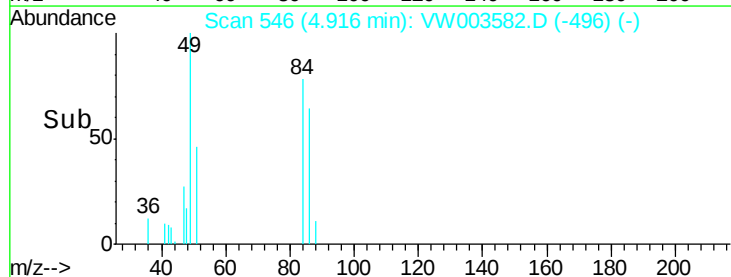
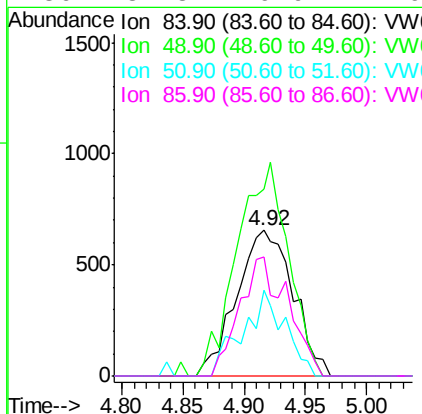
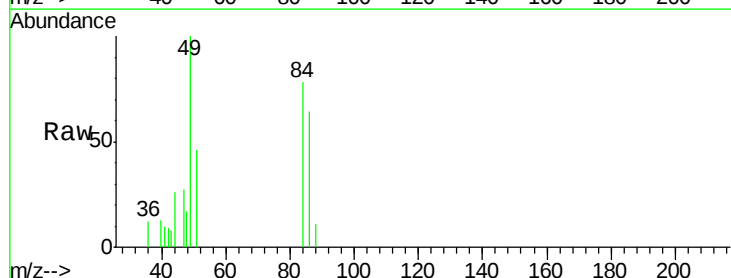
Instrument :
MSVOA_W
ClientSampleId :
EPE-105-4(65-67)

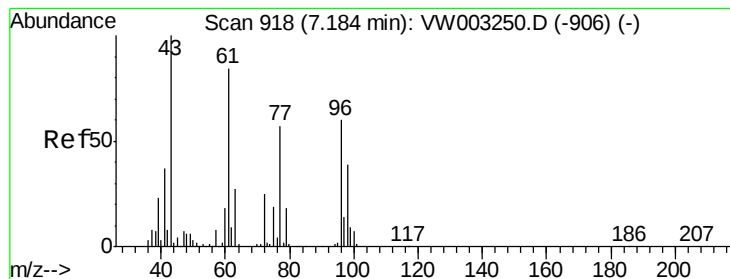
Tgt Ion: 43 Resp: 1675
Ion Ratio Lower Upper
43 100
74 16.5 18.7 28.1#



#20
Methylene Chloride
Concen: 10.795 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003582.D
Acq: 26 Jun 2018 21:57

Tgt Ion: 84 Resp: 2103
Ion Ratio Lower Upper
84 100
49 128.4 106.3 159.5
51 58.8 32.0 48.0#
86 81.8 49.9 74.9#





#25

2-Butanone

Concen: 3.532 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW003582.D

Acq: 26 Jun 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

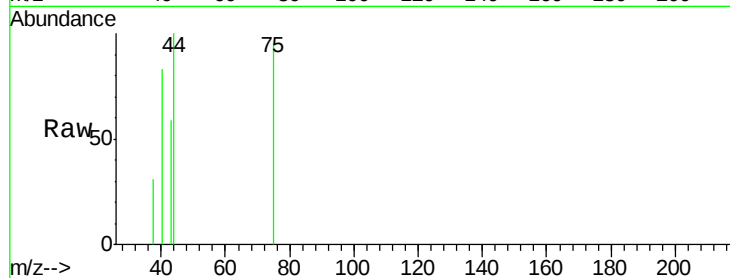
EPE-105-4(65-67)

Tgt Ion: 43 Resp: 159

Ion Ratio Lower Upper

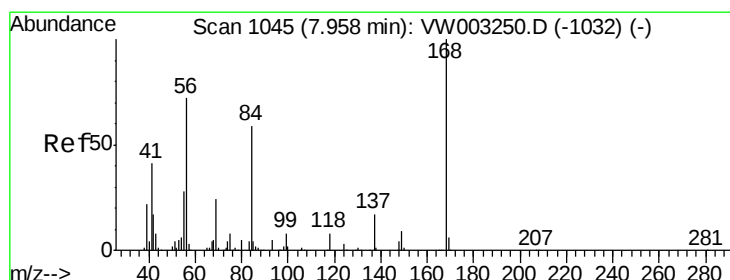
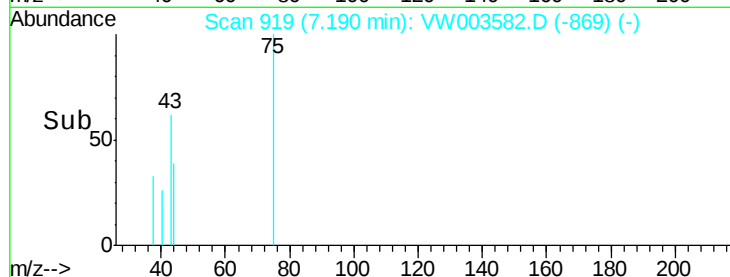
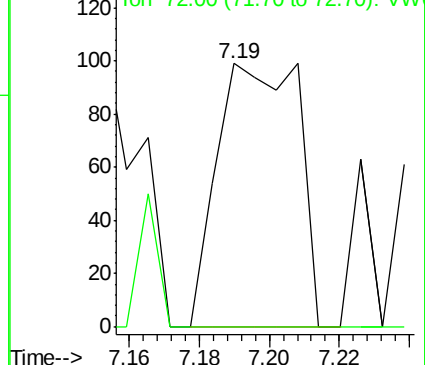
43 100

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



#31

Cyclohexane

Concen: 1.337 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003582.D

Acq: 26 Jun 2018 21:57

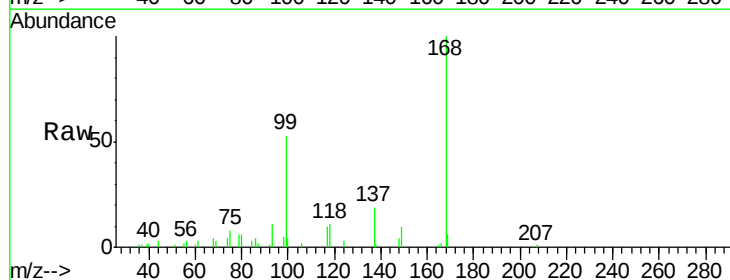
Tgt Ion: 56 Resp: 373

Ion Ratio Lower Upper

56 100

69 117.8 26.3 39.5#

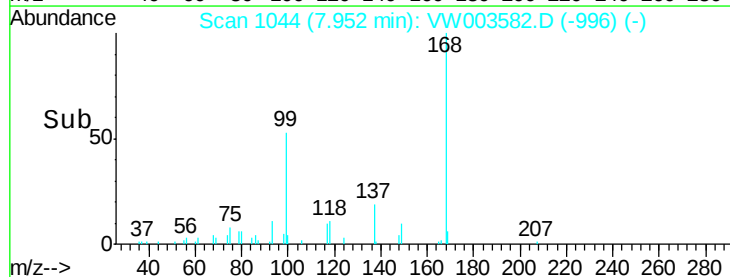
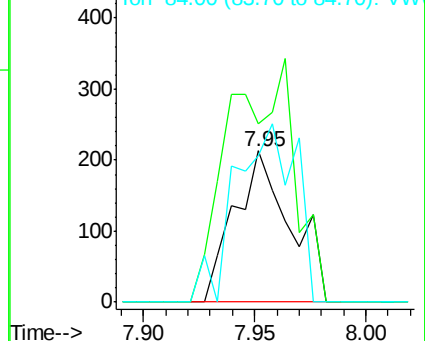
84 97.2 65.7 98.5

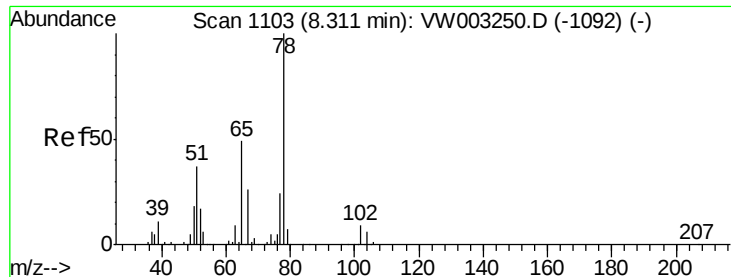


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW





#33

1,2-Dichloroethane-d4

Concen: 47.077 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003582.D

Acq: 26 Jun 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

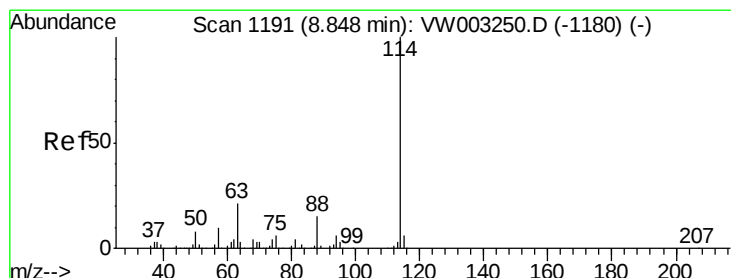
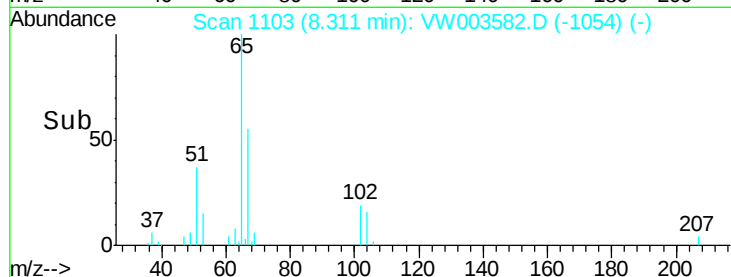
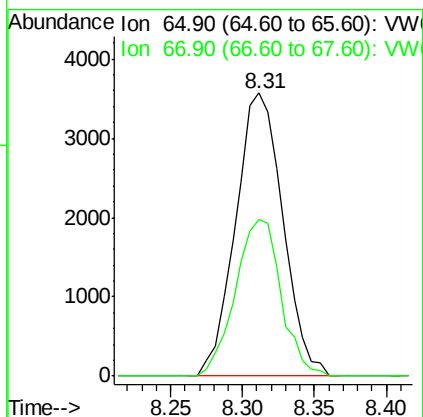
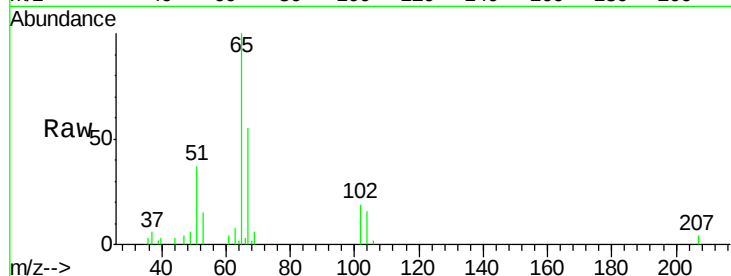
EPE-105-4(65-67)

Tgt Ion: 65 Resp: 8127

Ion Ratio Lower Upper

65 100

67 53.5 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003582.D

Acq: 26 Jun 2018 21:57

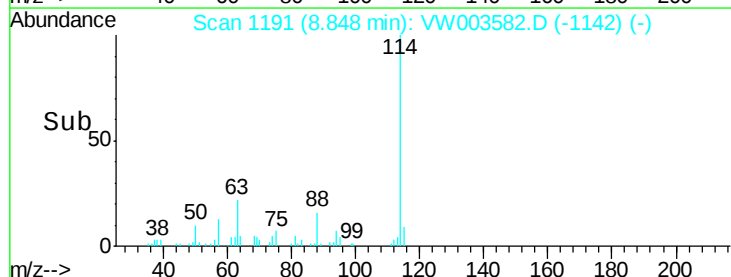
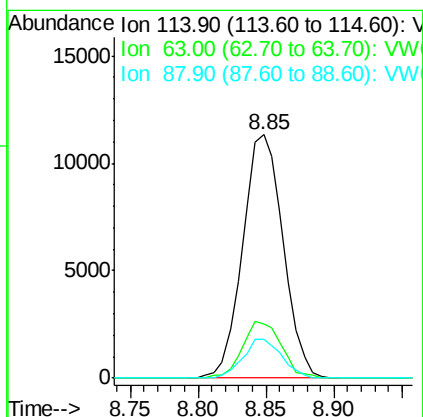
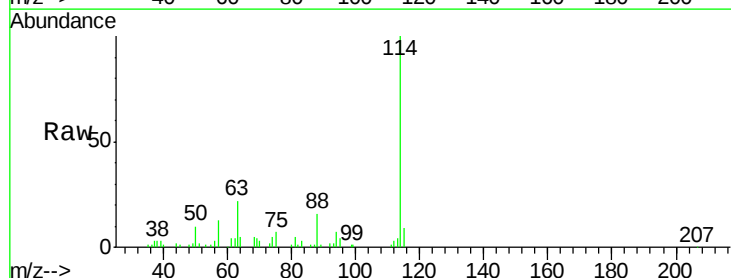
Tgt Ion: 114 Resp: 23576

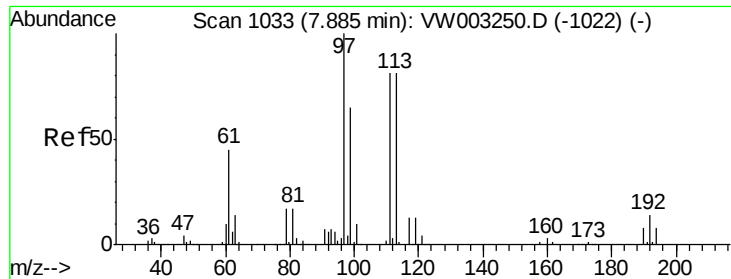
Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.0

88 16.1 0.0 29.6

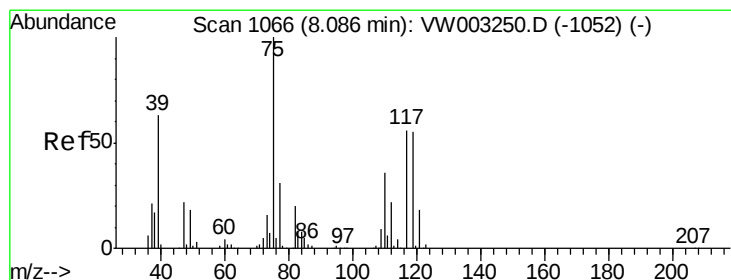
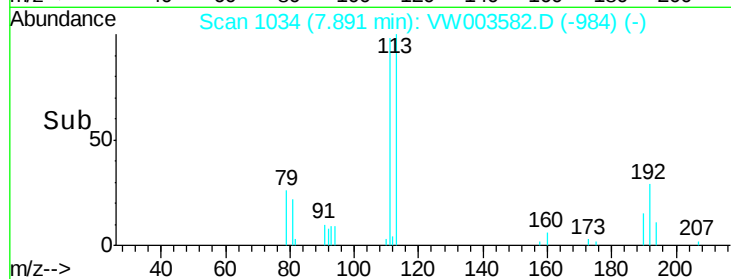
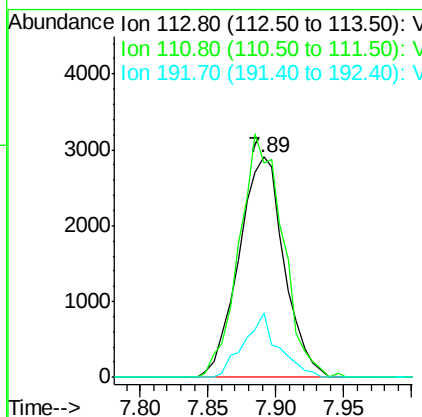
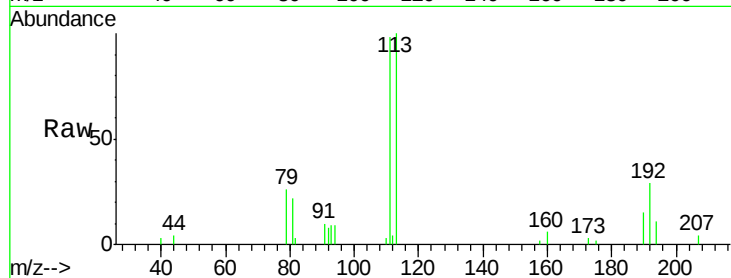




#35
 Dibromofluoromethane
 Concen: 46.275 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003582.D
 Acq: 26 Jun 2018 21:57

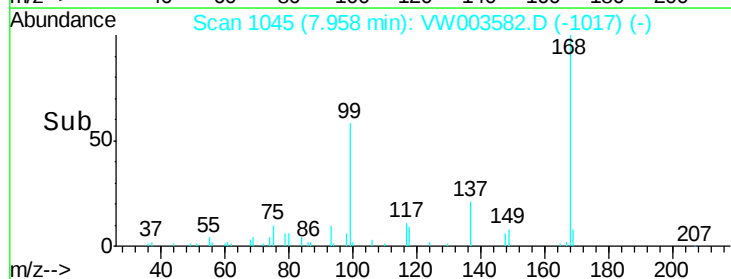
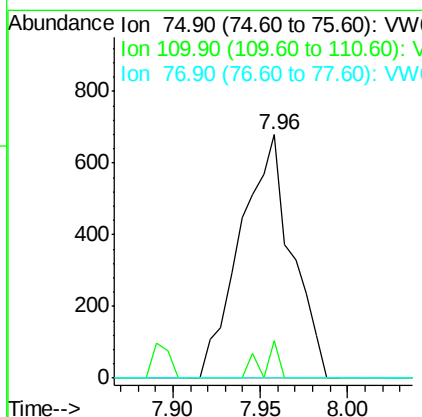
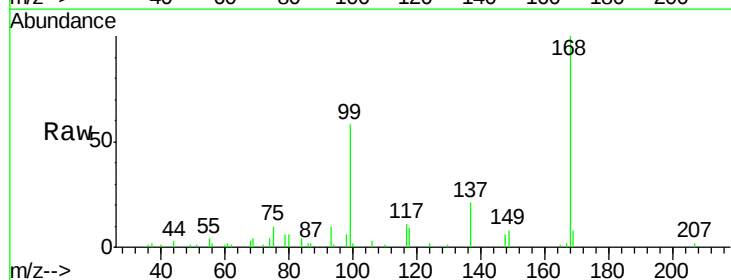
Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-105-4(65-67)

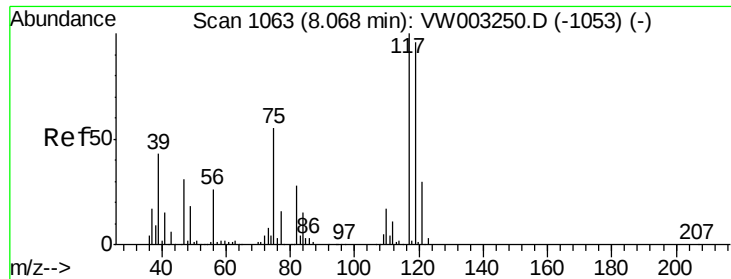
Tgt Ion:113 Resp: 6779
 Ion Ratio Lower Upper
 113 100
 111 106.1 82.2 123.2
 192 22.3 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 6.118 ug/l
 RT: 7.96 min Scan# 1045
 Delta R.T. -0.13 min
 Lab File: VW003582.D
 Acq: 26 Jun 2018 21:57

Tgt Ion: 75 Resp: 1393
 Ion Ratio Lower Upper
 75 100
 110 1.9 17.1 51.3#
 77 0.0 24.9 37.3#

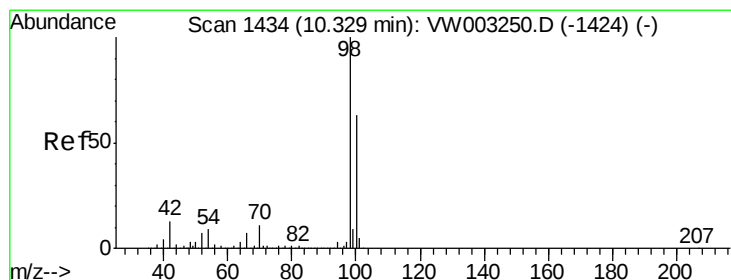
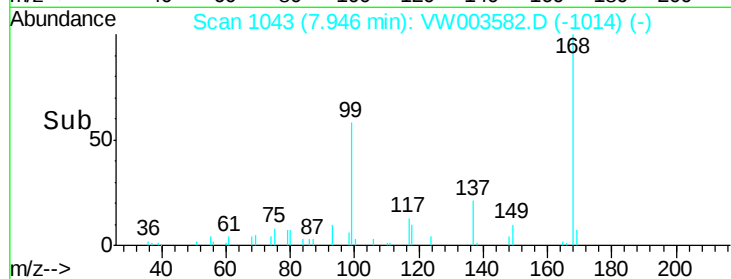
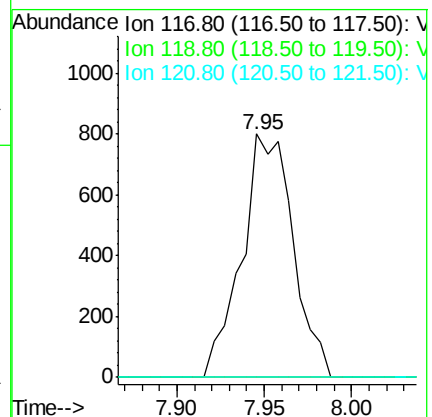
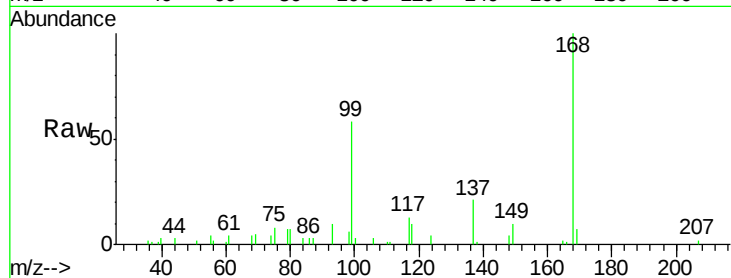




#38
Carbon Tetrachloride
Concen: 7.312 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.12 min
Lab File: VW003582.D
Acq: 26 Jun 2018 21:57

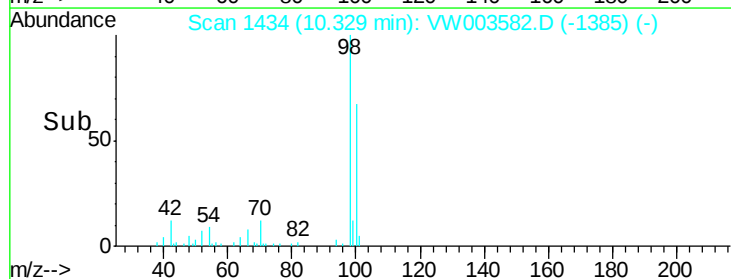
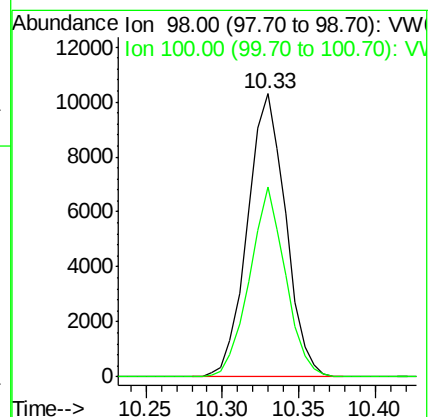
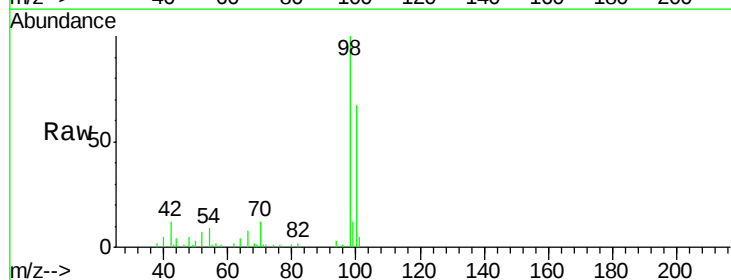
Instrument :
MSVOA_W
ClientSampleId :
EPE-105-4(65-67)

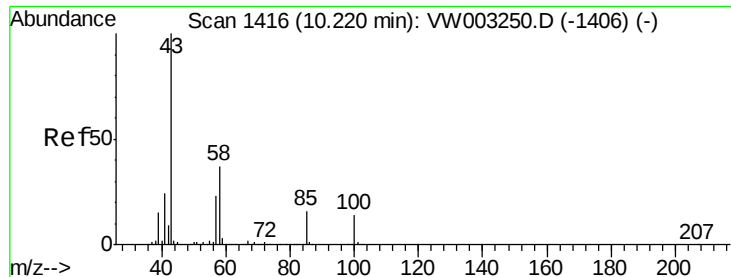
Tgt Ion: 117 Resp: 1633
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 30.786 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003582.D
Acq: 26 Jun 2018 21:57

Tgt Ion: 98 Resp: 17883
Ion Ratio Lower Upper
98 100
100 62.8 50.8 76.2





#51

4-Methyl-2-Pentanone

Concen: 1.980 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.01 min

Lab File: VW003582.D

Acq: 26 Jun 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

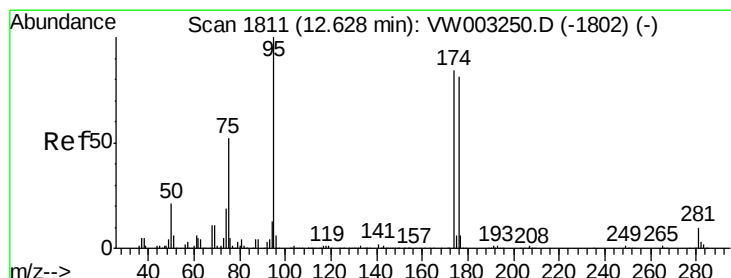
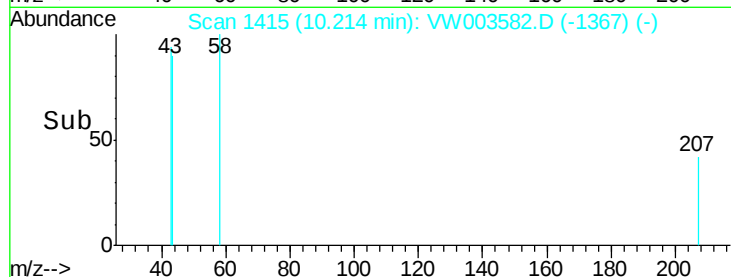
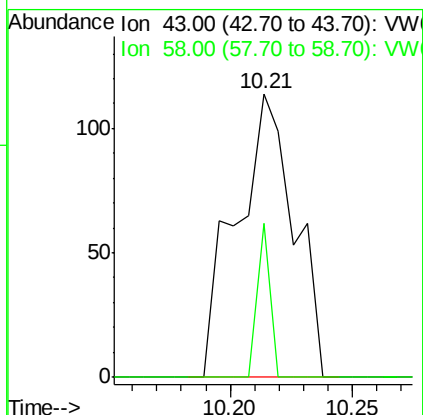
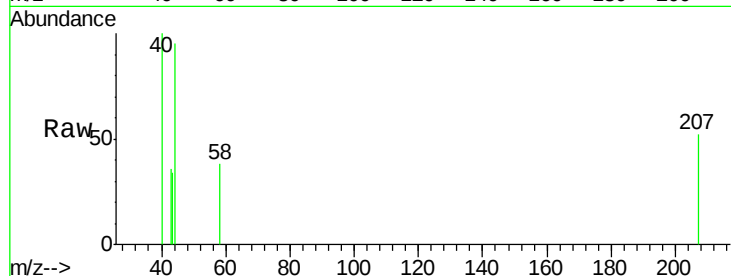
EPE-105-4(65-67)

Tgt Ion: 43 Resp: 189

Ion Ratio Lower Upper

43 100

58 12.2 29.0 43.4#



#62

4-Bromofluorobenzene

Concen: 26.395 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003582.D

Acq: 26 Jun 2018 21:57

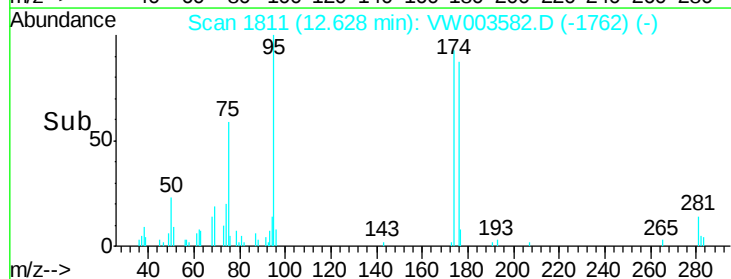
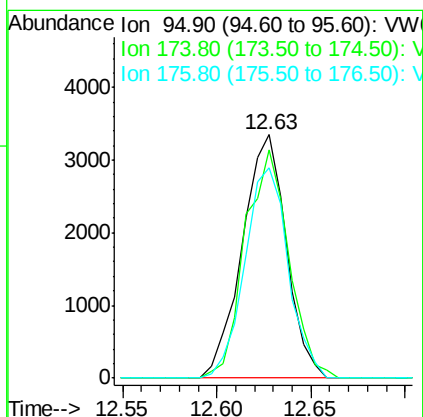
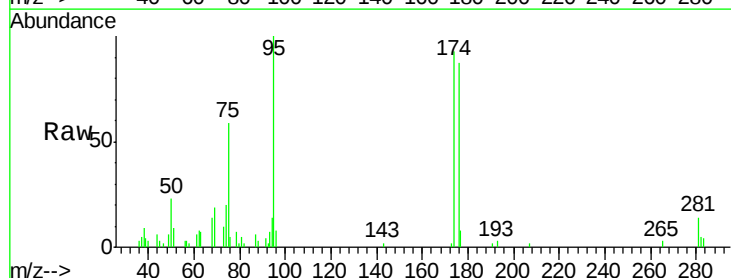
Tgt Ion: 95 Resp: 5426

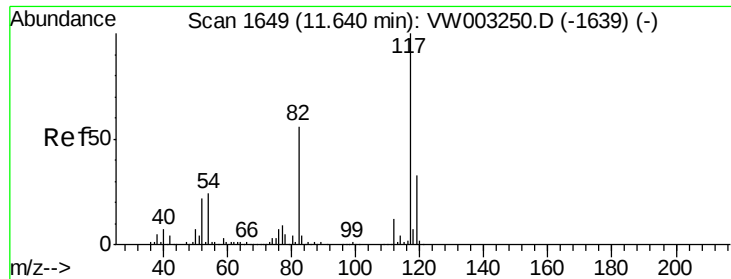
Ion Ratio Lower Upper

95 100

174 92.8 0.0 166.4

176 85.3 0.0 162.0

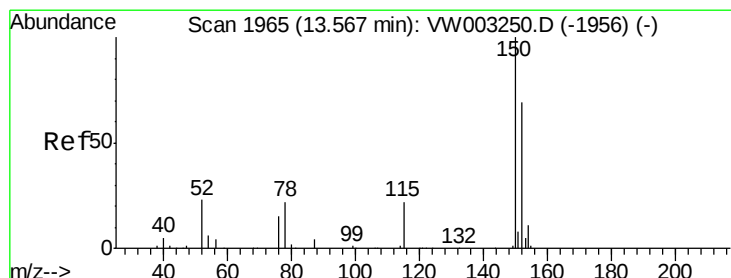
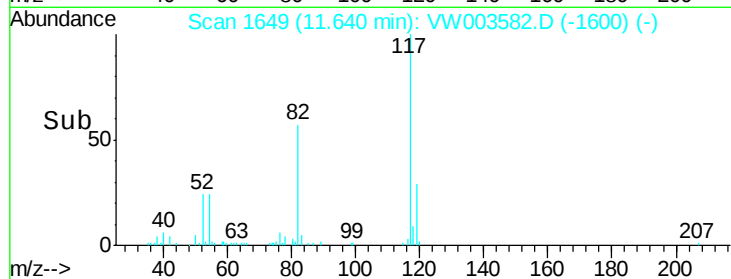
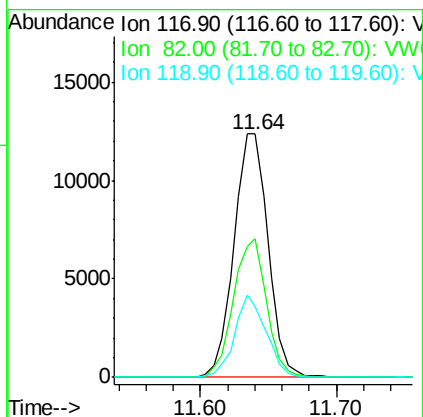
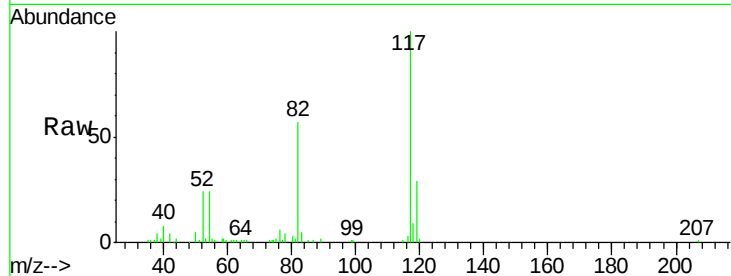




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003582.D
Acq: 26 Jun 2018 21:57

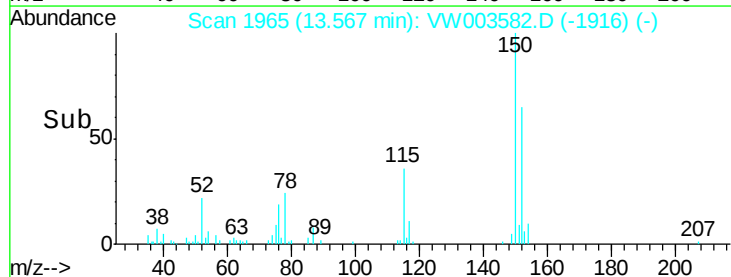
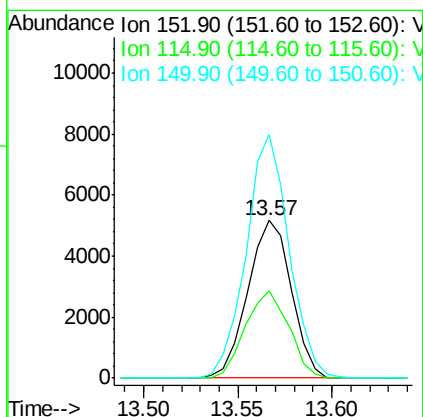
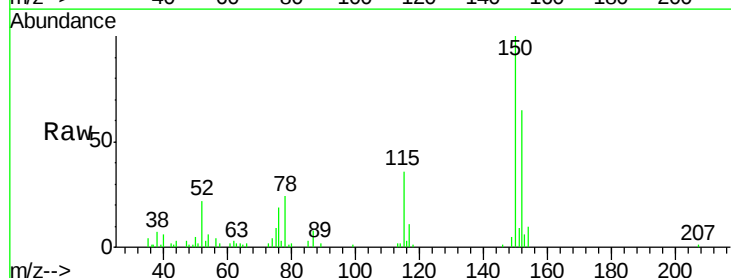
Instrument :
MSVOA_W
ClientSampleId :
EPE-105-4(65-67)

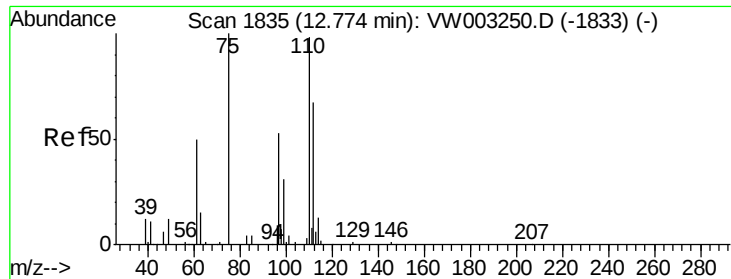
Tgt Ion:117 Resp: 21593
Ion Ratio Lower Upper
117 100
82 57.1 44.6 67.0
119 29.0 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003582.D
Acq: 26 Jun 2018 21:57

Tgt Ion:152 Resp: 8244
Ion Ratio Lower Upper
152 100
115 55.2 29.3 88.0
150 152.5 0.0 349.6

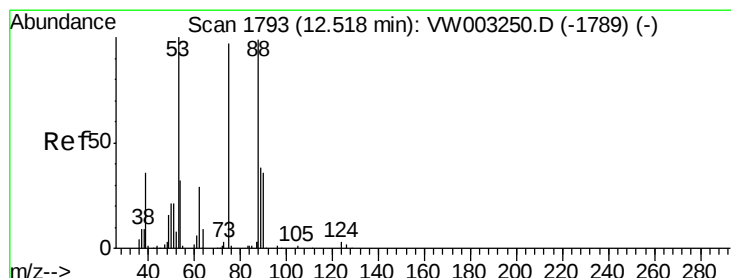
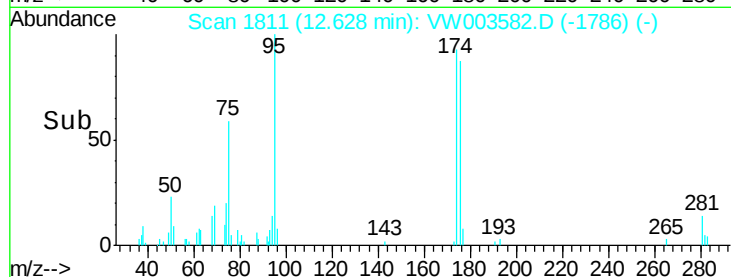
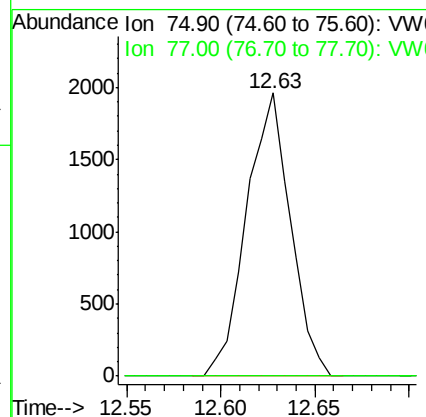
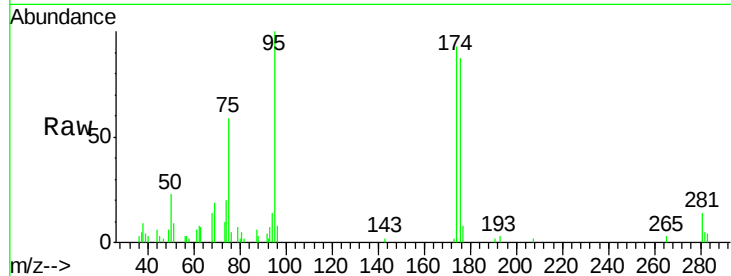




#76
 1,2,3-Trichloropropane
 Concen: 45.022 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.15 min
 Lab File: VW003582.D
 Acq: 26 Jun 2018 21:57

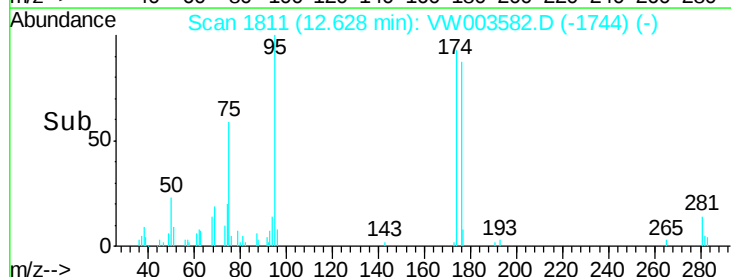
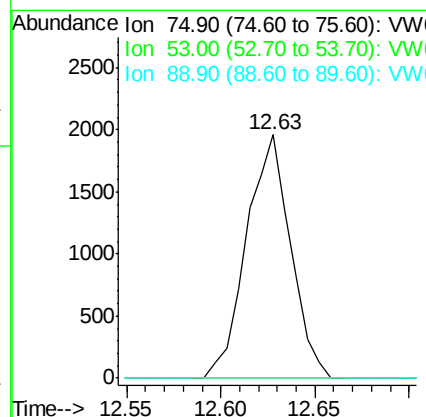
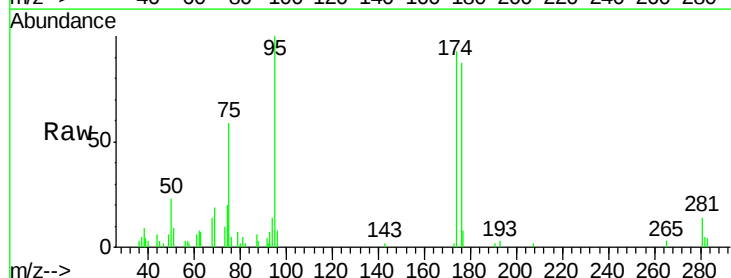
Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-105-4(65-67)

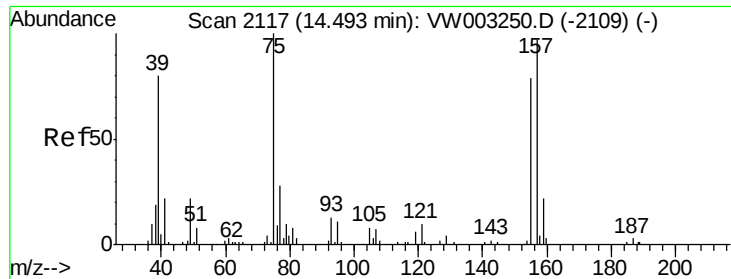
Tgt Ion: 75 Resp: 3173
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.598 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.11 min
 Lab File: VW003582.D
 Acq: 26 Jun 2018 21:57

Tgt Ion: 75 Resp: 3173
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.9 124.3#
 89 0.0 36.7 55.1#

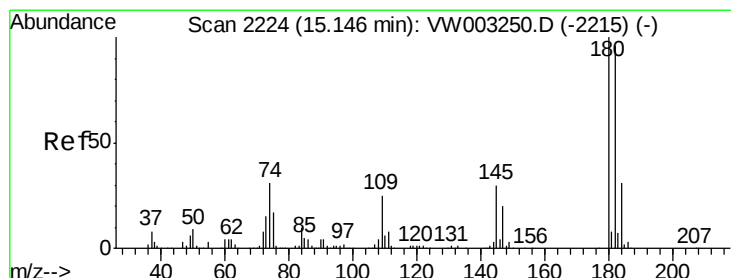
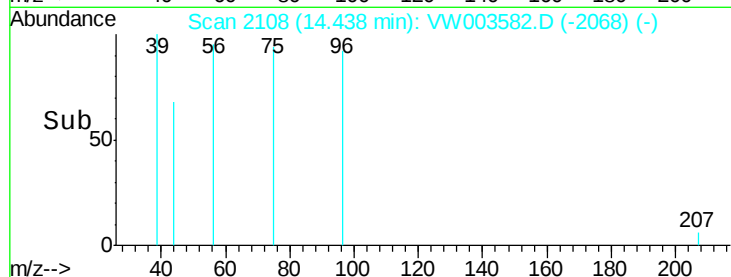
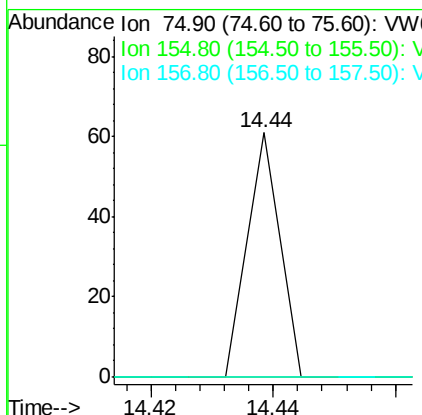
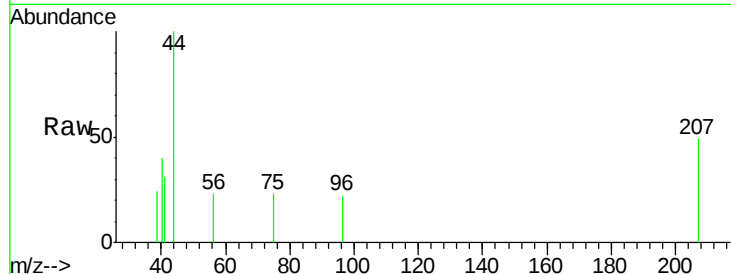




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.348 ug/l
 RT: 14.44 min Scan# 2108
 Delta R.T. -0.05 min
 Lab File: VW003582.D
 Acq: 26 Jun 2018 21:57

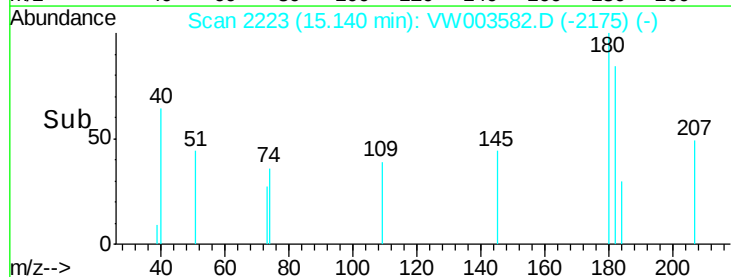
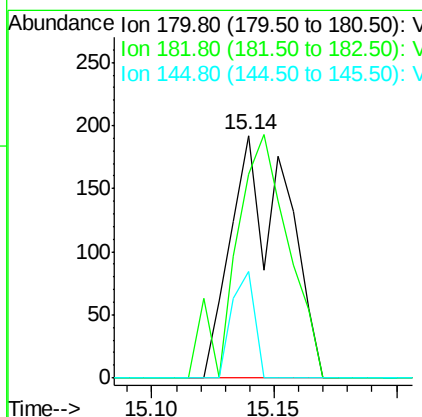
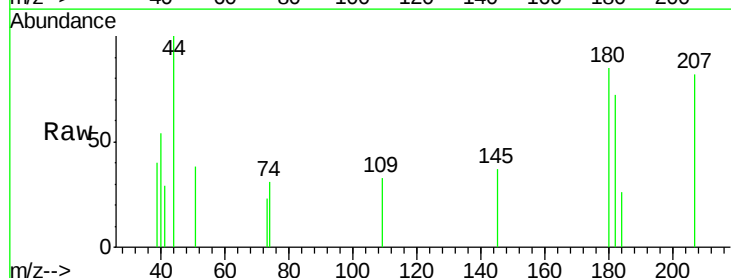
Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-105-4(65-67)

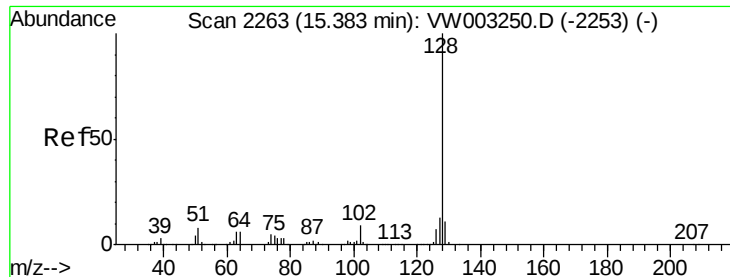
Tgt Ion: 75 Resp: 22
 Ion Ratio Lower Upper
 75 100
 155 0.0 39.4 118.2#
 157 0.0 51.5 154.5#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.790 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: VW003582.D
 Acq: 26 Jun 2018 21:57

Tgt Ion: 180 Resp: 302
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.9 143.6
 145 17.9 15.2 45.5





#95

Naphthalene

Concen: 1.737 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.01 min

Lab File: VW003582.D

Acq: 26 Jun 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

EPE-105-4(65-67)

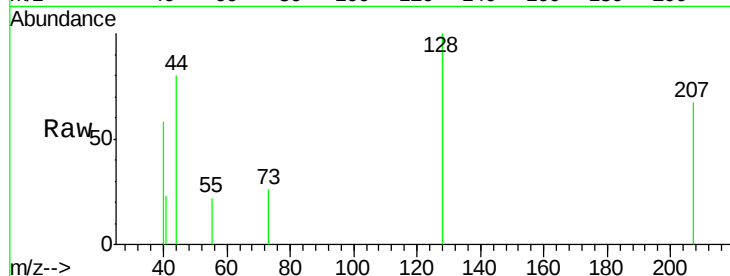
Tgt Ion:128 Resp: 497

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

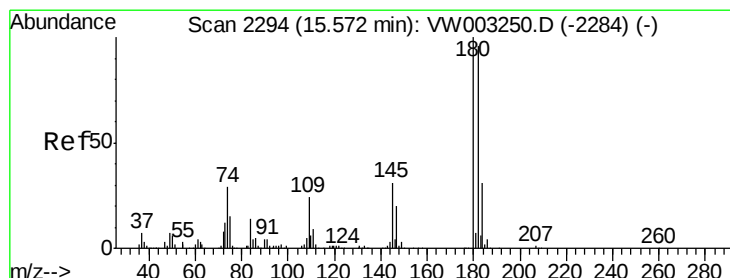
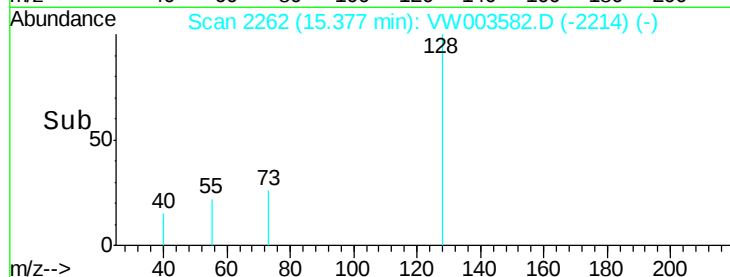
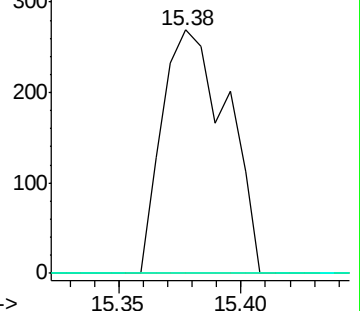
129 0.0 8.9 13.3#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 1.441 ug/l

RT: 15.57 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VW003582.D

Acq: 26 Jun 2018 21:57

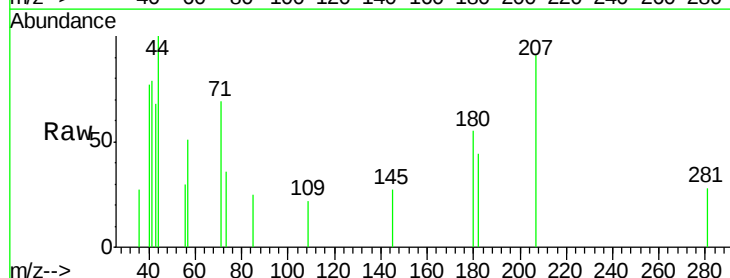
Tgt Ion:180 Resp: 214

Ion Ratio Lower Upper

180 100

182 89.7 47.9 143.6

145 21.0 15.8 47.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

