

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012418\
 Data File : VW000957.D
 Acq On : 24 Jan 2018 19:28
 Operator : JC/SY
 Sample : J1241-05RE
 Misc : 6.34G/5.0ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-106-4A(110-112)

Quant Time: Jan 25 04:43:51 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 13:31:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	232568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	352652	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	325483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	169093	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	125354	56.23	ug/l	0.00
Spiked Amount			Recovery	=	112.46%	
35) Dibromofluoromethane	7.88	113	94949	43.95	ug/l	0.00
Spiked Amount			Recovery	=	87.90%	
50) Toluene-d8	10.33	98	421802	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
62) 4-Bromofluorobenzene	12.63	95	149252	48.12	ug/l	0.00
Spiked Amount			Recovery	=	96.24%	

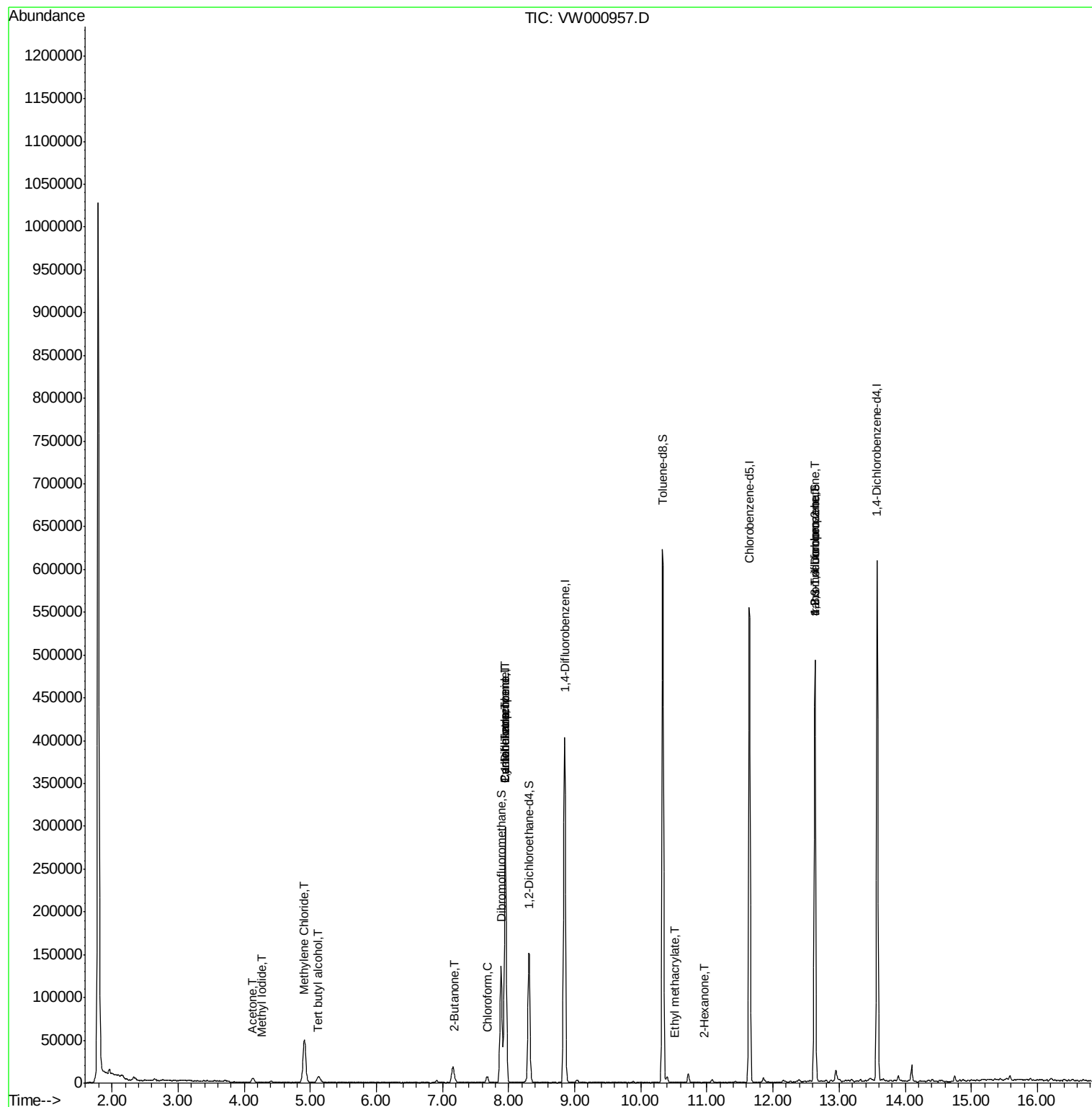
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.26	142	565	5.08	ug/l #	2
11) Tert butyl alcohol	5.12	59	7102	29.38	ug/l #	80
16) Acetone	4.12	43	8491	26.05	ug/l #	87
20) Methylene Chloride	4.92	84	39233	17.60	ug/l	96
25) 2-Butanone	7.19	43	2697	2.73	ug/l	96
30) Chloroform	7.68	83	5706	1.50	ug/l	98
31) Cyclohexane	7.95	56	4362	1.20	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	16003	4.76	ug/l #	49
38) Carbon Tetrachloride	7.95	117	22170	5.97	ug/l #	15
56) Ethyl methacrylate	10.52	69	44	3.26	ug/l #	1
59) 2-Hexanone	10.96	43	40	14.70	ug/l #	24
76) 1,2,3-Trichloropropane	12.63	75	75584	38.63	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	75584	92.66	ug/l #	11

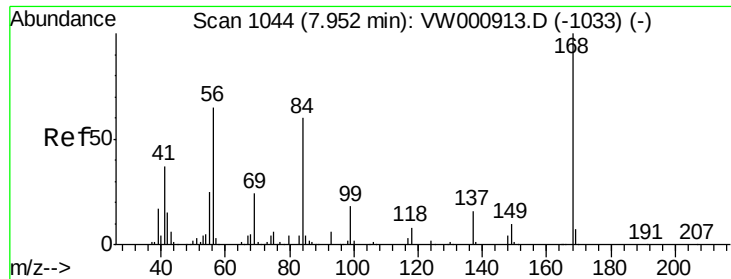
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW000957.D

Acq: 24 Jan 2018 19:28

Instrument :

MSVOA_W

ClientSampleId :

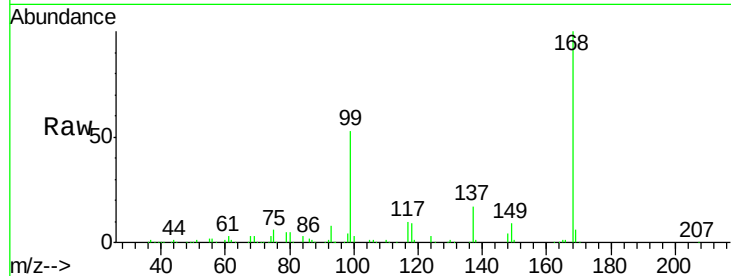
EPE-106-4A(110-112)

Tgt Ion:168 Resp: 232568

Ion Ratio Lower Upper

168 100

99 52.9 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

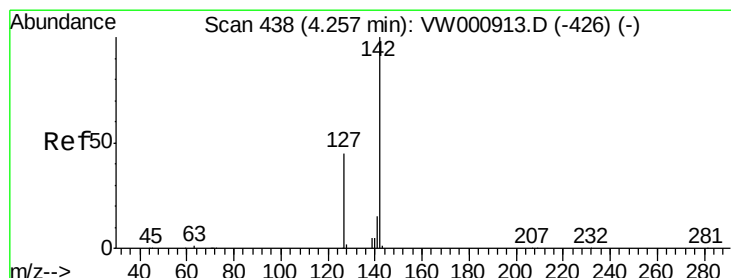
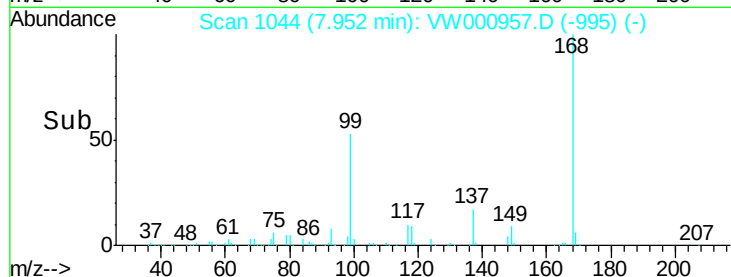
60000

40000

20000

0

Time-->



#10

Methyl Iodide

Concen: 5.08 ug/l

RT: 4.26 min Scan# 438

Delta R.T. 0.00 min

Lab File: VW000957.D

Acq: 24 Jan 2018 19:28

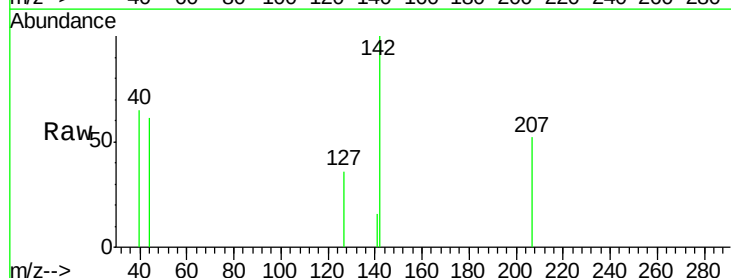
Tgt Ion:142 Resp: 565

Ion Ratio Lower Upper

142 100

127 124.8 35.5 53.3#

141 23.2 11.7 17.5#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

600

500

400

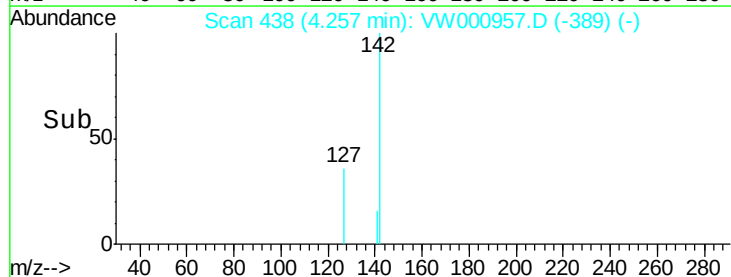
300

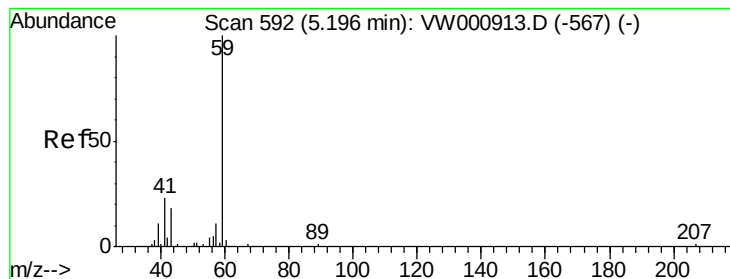
200

100

0

Time-->





#11

Tert butyl alcohol

Concen: 29.38 ug/l

RT: 5.12 min Scan# 580

Delta R.T. -0.07 min

Lab File: VW000957.D

Acq: 24 Jan 2018 19:28

Instrument :

MSVOA_W

ClientSampleId :

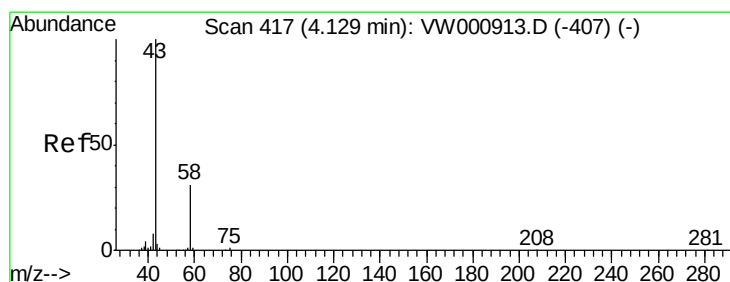
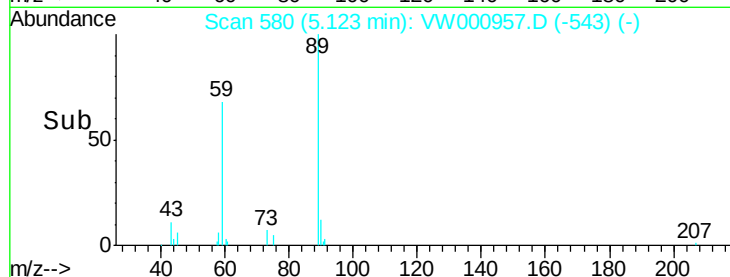
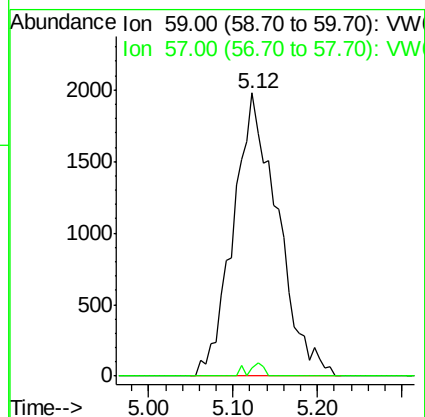
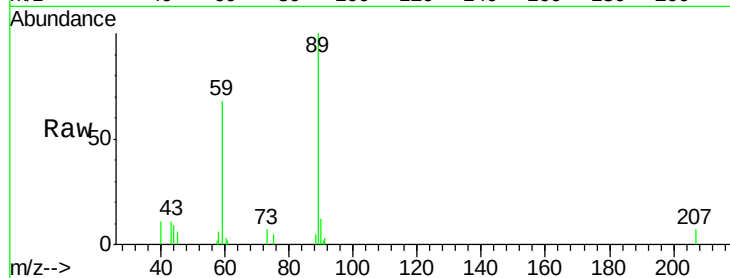
EPE-106-4A(110-112)

Tgt Ion: 59 Resp: 7102

Ion Ratio Lower Upper

59 100

57 1.5 7.0 10.6#



#16

Acetone

Concen: 26.05 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.01 min

Lab File: VW000957.D

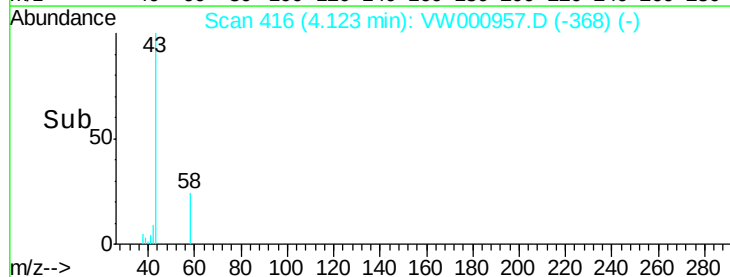
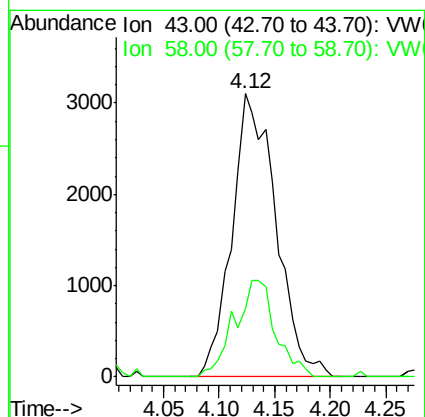
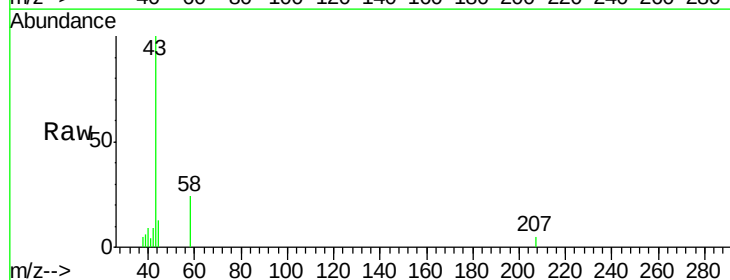
Acq: 24 Jan 2018 19:28

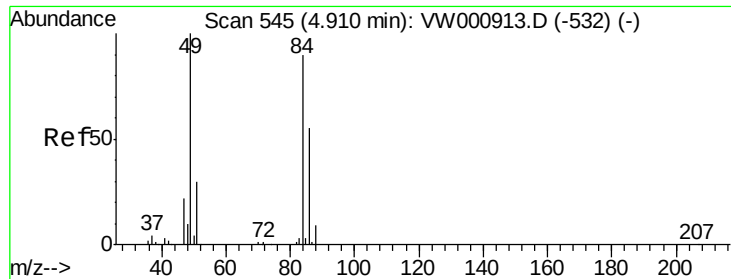
Tgt Ion: 43 Resp: 8491

Ion Ratio Lower Upper

43 100

58 23.9 24.9 37.3#

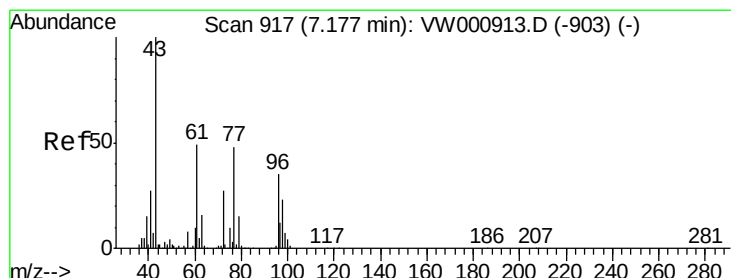
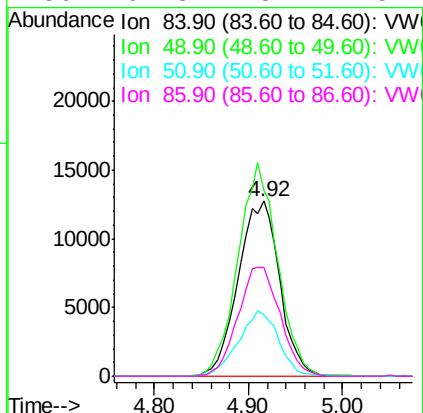
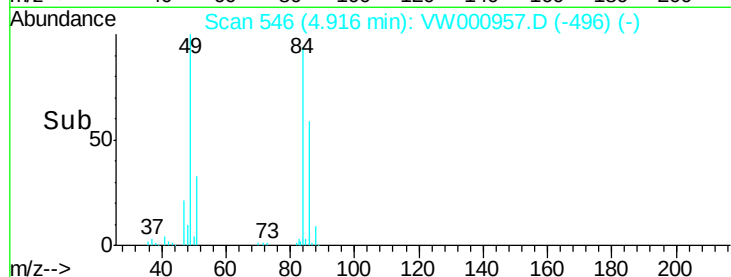
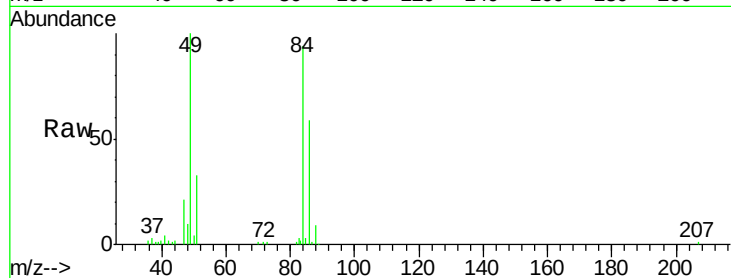




#20
Methylene Chloride
Concen: 17.60 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW000957.D
Acq: 24 Jan 2018 19:28

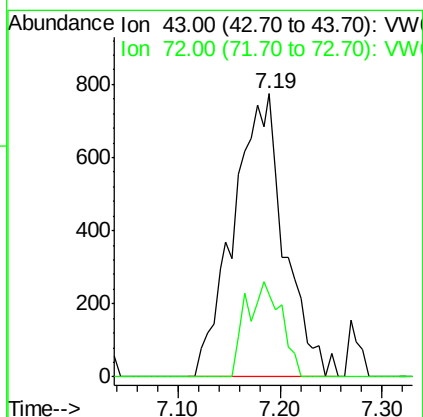
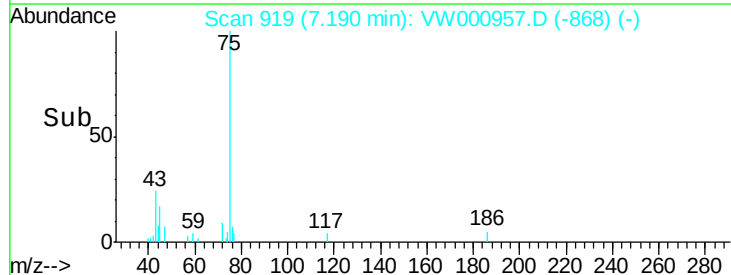
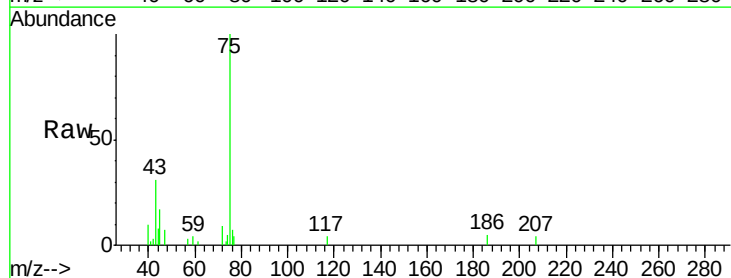
Instrument :
MSVOA_W
ClientSampleId :
EPE-106-4A(110-112)

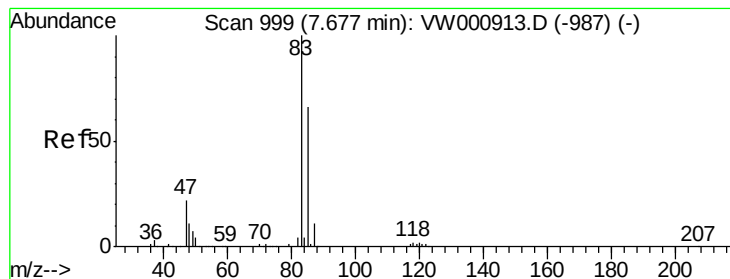
Tgt Ion:	84	Resp:	39233
Ion	Ratio	Lower	Upper
84	100		
49	106.1	89.0	133.4
51	35.3	26.7	40.1
86	62.3	48.7	73.1



#25
2-Butanone
Concen: 2.73 ug/l
RT: 7.19 min Scan# 919
Delta R.T. 0.01 min
Lab File: VW000957.D
Acq: 24 Jan 2018 19:28

Tgt Ion:	43	Resp:	2697
Ion	Ratio	Lower	Upper
43	100		
72	29.2	21.5	32.3





#30

Chloroform

Concen: 1.50 ug/l

RT: 7.68 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VW000957.D

Acq: 24 Jan 2018 19:28

Instrument :

MSVOA_W

ClientSampleId :

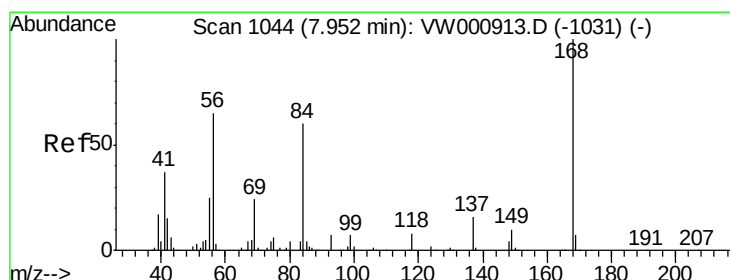
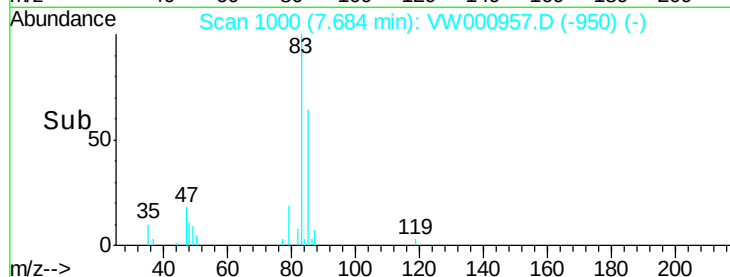
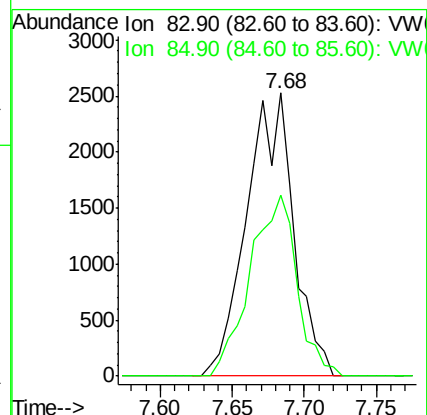
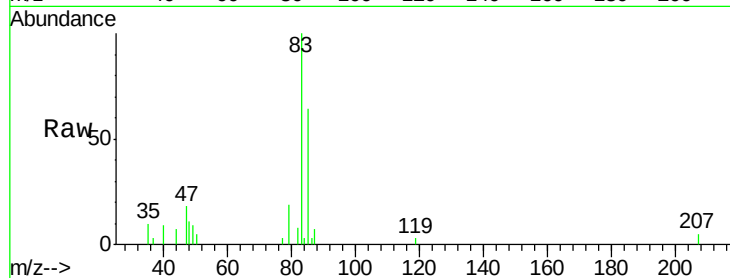
EPE-106-4A(110-112)

Tgt Ion: 83 Resp: 5706

Ion Ratio Lower Upper

83 100

85 64.1 52.5 78.7



#31

Cyclohexane

Concen: 1.20 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW000957.D

Acq: 24 Jan 2018 19:28

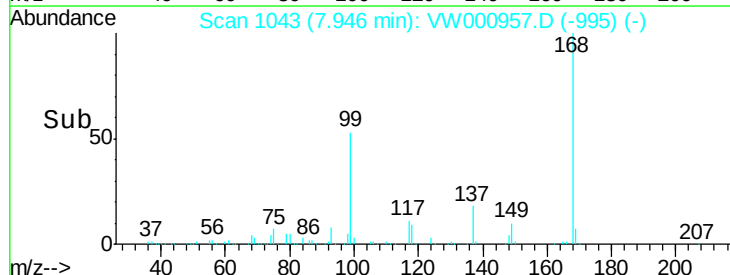
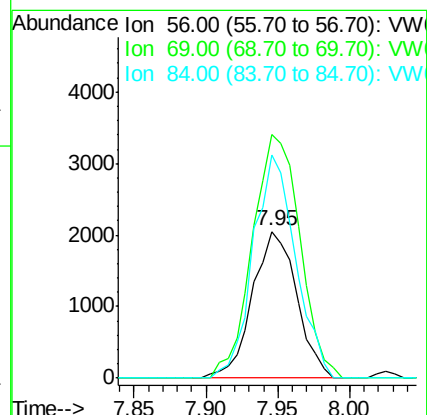
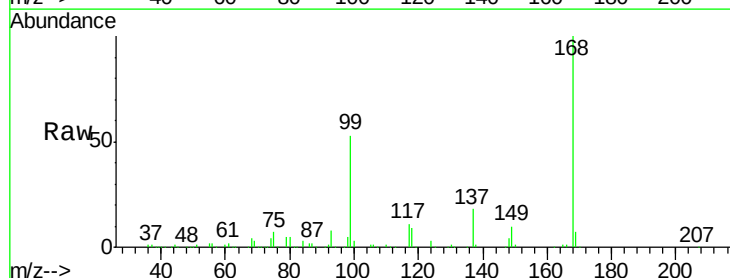
Tgt Ion: 56 Resp: 4362

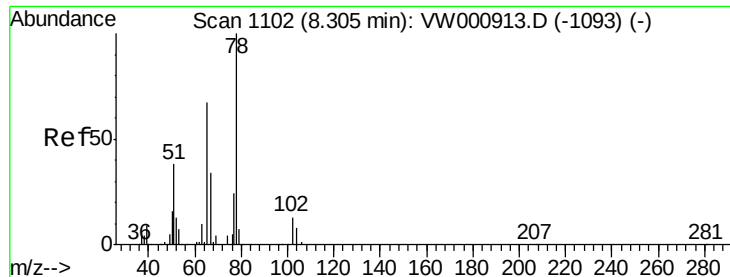
Ion Ratio Lower Upper

56 100

69 165.6 29.2 43.8#

84 152.0 73.6 110.4#

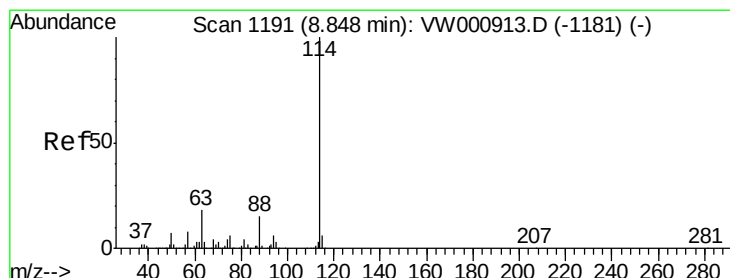
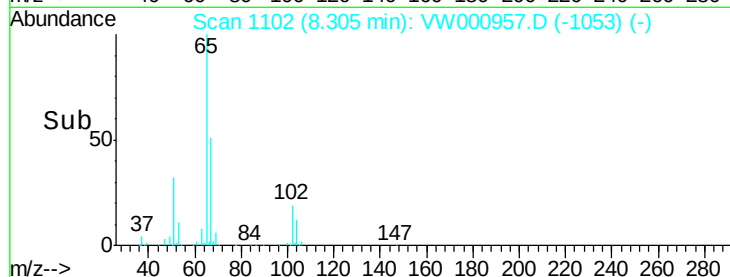
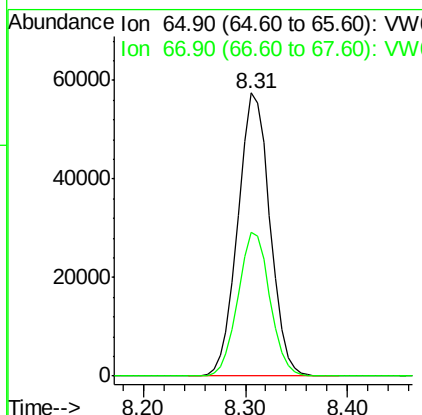
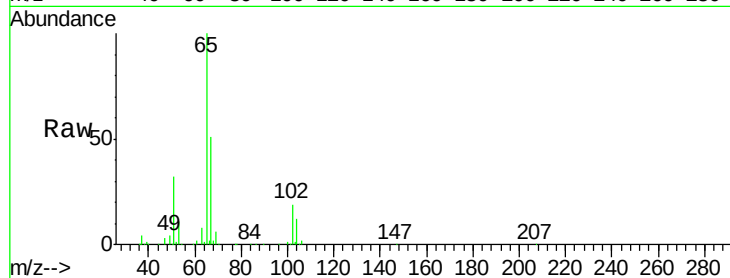




#33
 1,2-Dichloroethane-d4
 Concen: 56.23 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW000957.D
 Acq: 24 Jan 2018 19:28

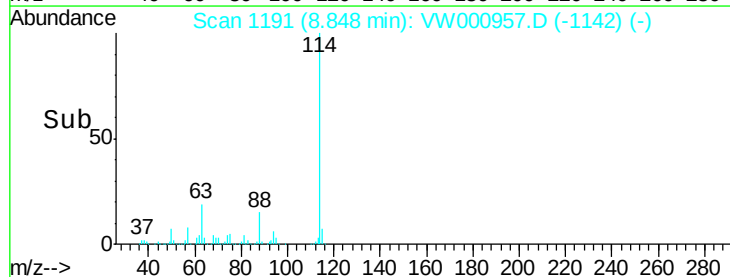
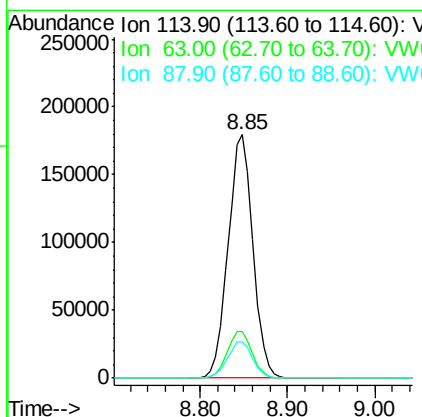
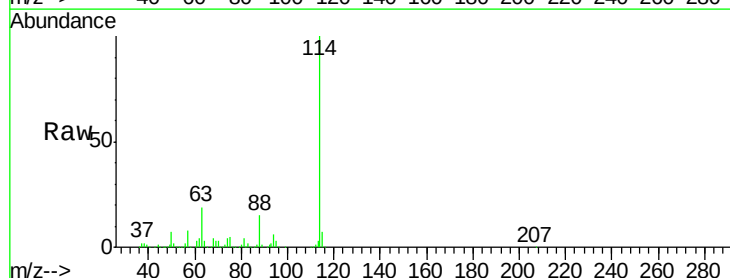
Instrument :
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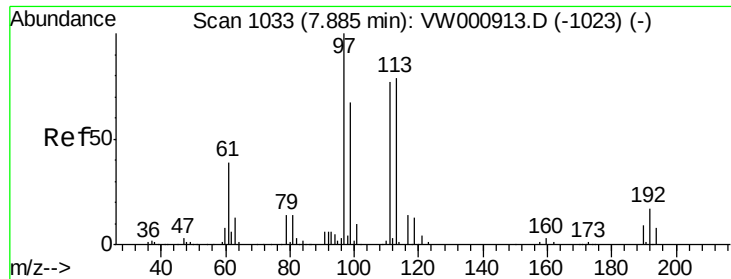
Tgt Ion: 65 Resp: 125354
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW000957.D
 Acq: 24 Jan 2018 19:28

Tgt Ion: 114 Resp: 352652
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 36.8
 88 14.9 0.0 29.8

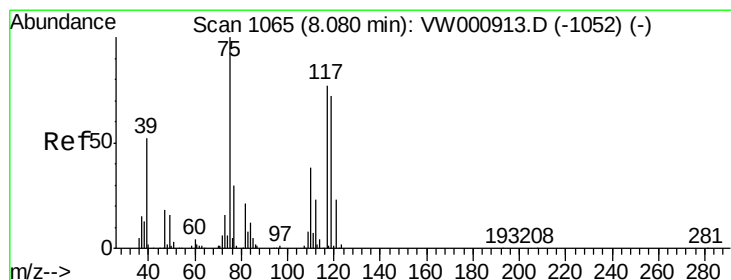
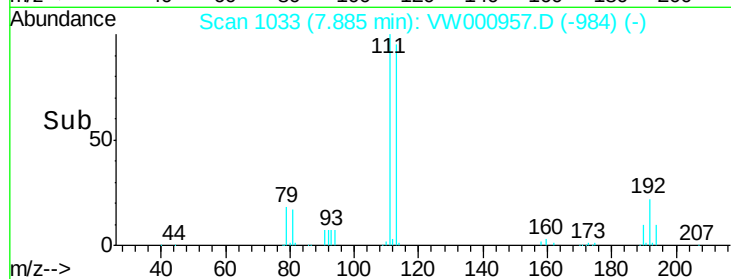
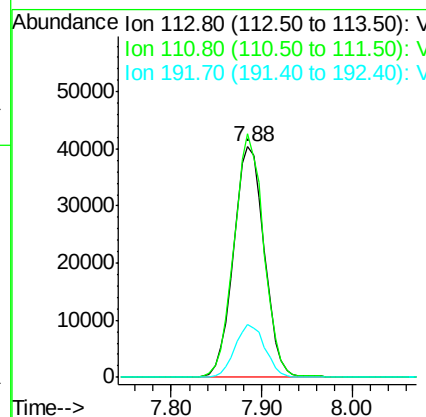
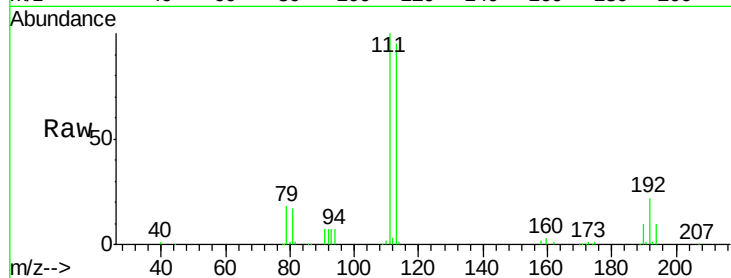




#35
 Dibromofluoromethane
 Concen: 43.95 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW000957.D
 Acq: 24 Jan 2018 19:28

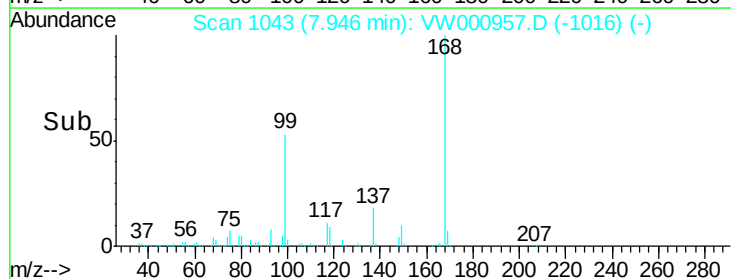
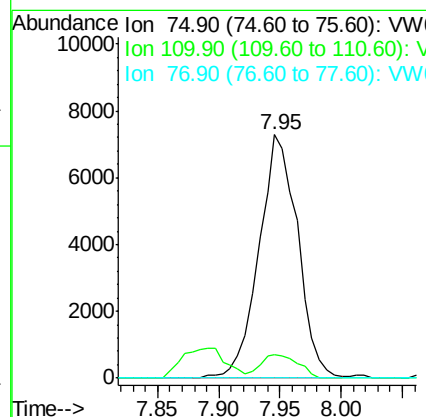
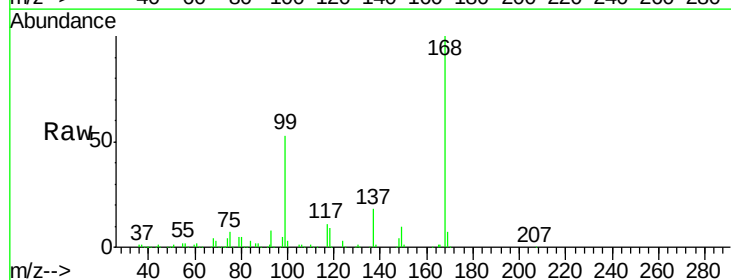
Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-106-4A(110-112)

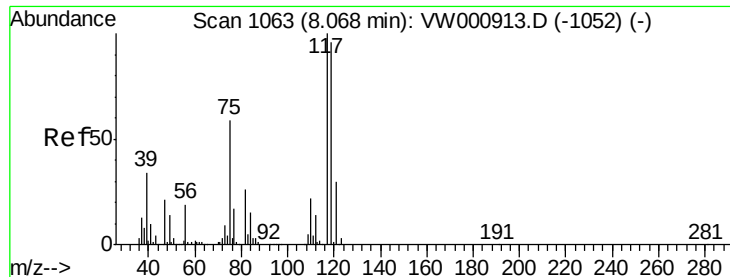
Tgt Ion:113 Resp: 94949
 Ion Ratio Lower Upper
 113 100
 111 102.3 80.4 120.6
 192 22.4 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 4.76 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW000957.D
 Acq: 24 Jan 2018 19:28

Tgt Ion: 75 Resp: 16003
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.6 56.0#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 5.97 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW000957.D

Acq: 24 Jan 2018 19:28

Instrument :

MSVOA_W

ClientSampleId :

EPE-106-4A(110-112)

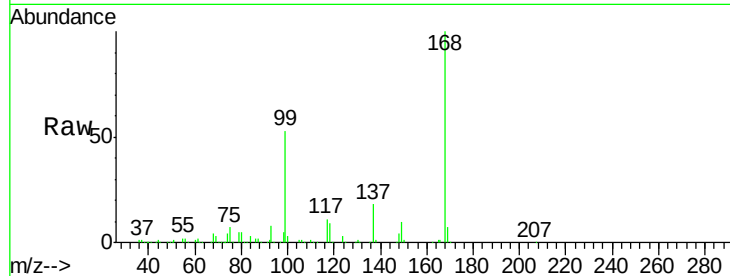
Tgt Ion:117 Resp: 22170

Ion Ratio Lower Upper

117 100

119 3.5 76.5 114.7#

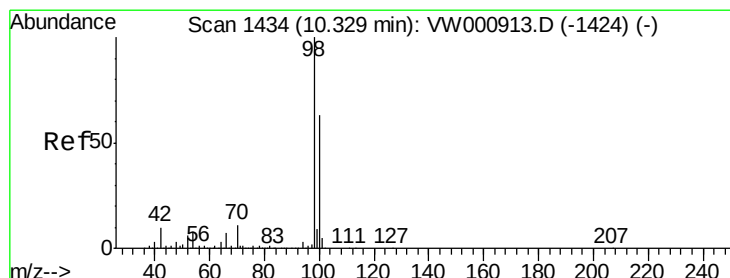
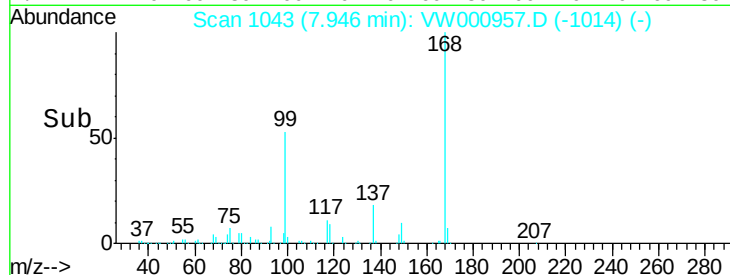
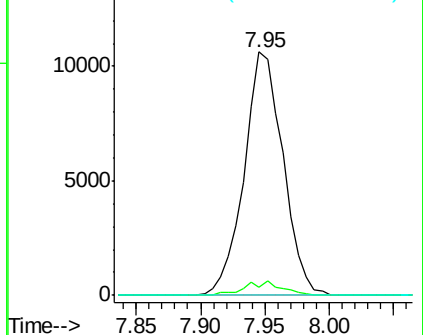
121 0.0 24.3 36.5#



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: 49.53 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW000957.D

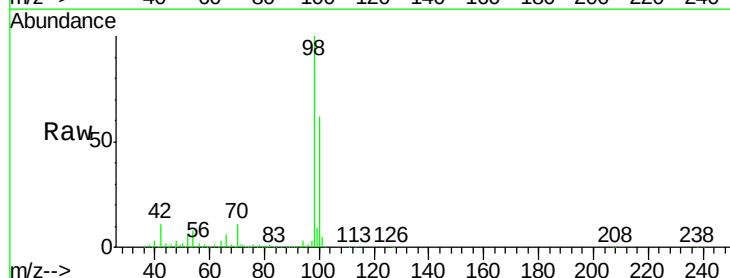
Acq: 24 Jan 2018 19:28

Tgt Ion: 98 Resp: 421802

Ion Ratio Lower Upper

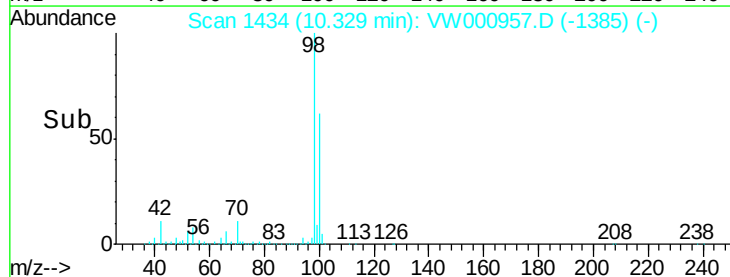
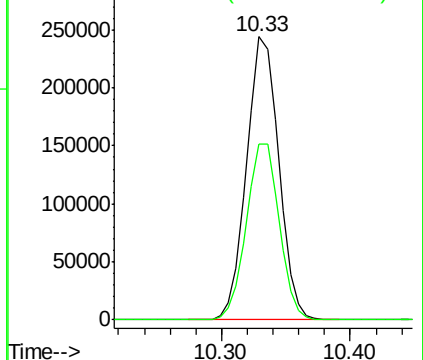
98 100

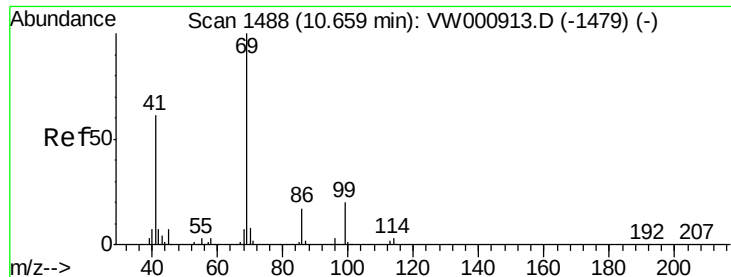
100 63.5 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#56

Ethyl methacrylate

Concen: 3.26 ug/l

RT: 10.52 min Scan# 1466

Delta R.T. -0.13 min

Lab File: VW000957.D

Acq: 24 Jan 2018 19:28

Instrument :

MSVOA_W

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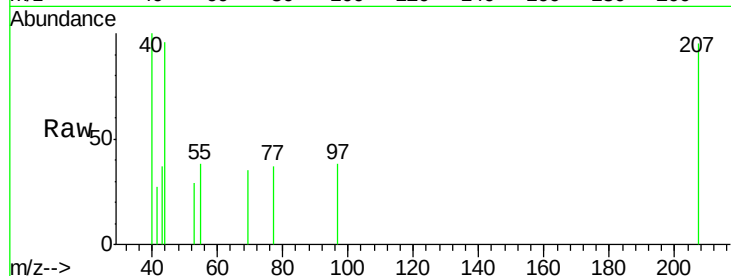
Tgt Ion: 69 Resp: 44

Ion Ratio Lower Upper

69 100

41 236.4 50.3 75.5#

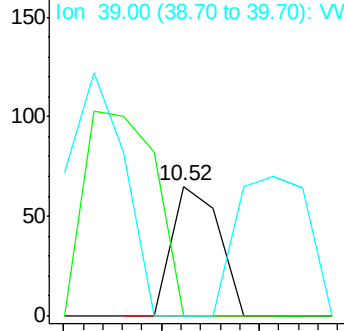
39 297.7 28.6 42.8#



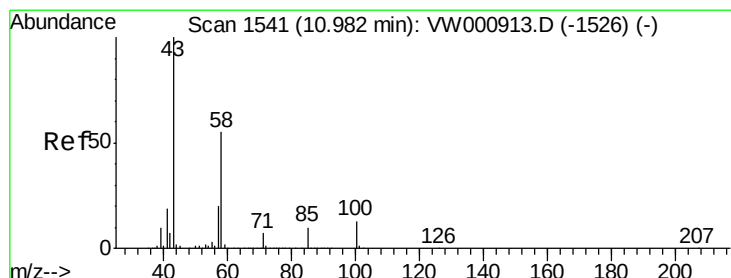
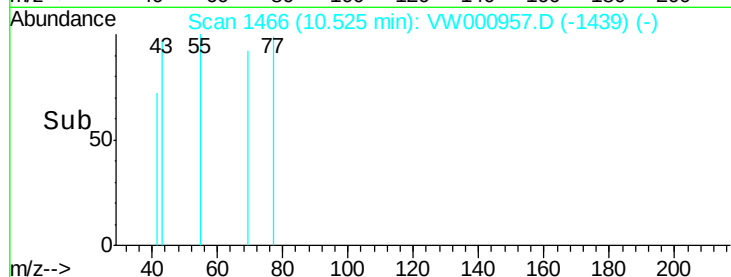
Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW



Time-->



#59

2-Hexanone

Concen: 14.70 ug/l

RT: 10.96 min Scan# 1538

Delta R.T. -0.02 min

Lab File: VW000957.D

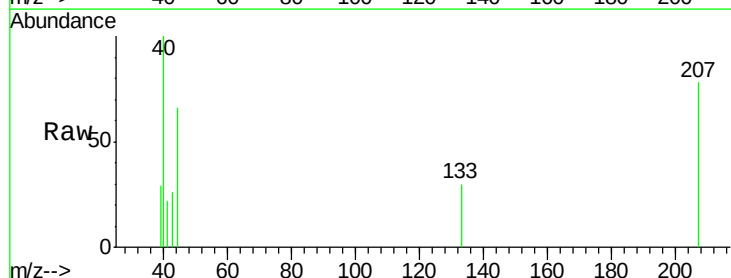
Acq: 24 Jan 2018 19:28

Tgt Ion: 43 Resp: 40

Ion Ratio Lower Upper

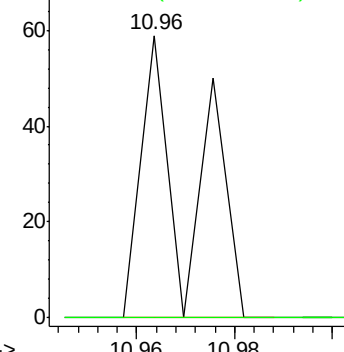
43 100

58 0.0 27.4 82.2#

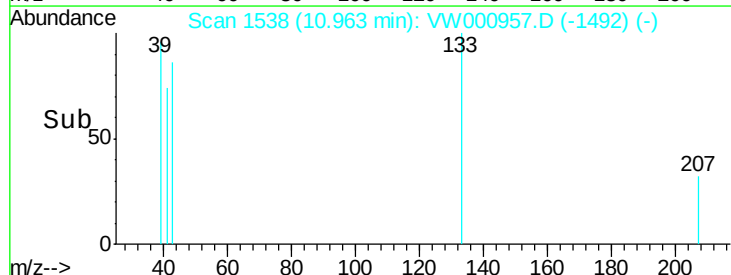


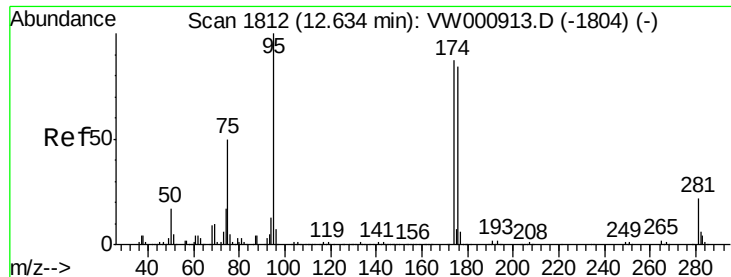
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->

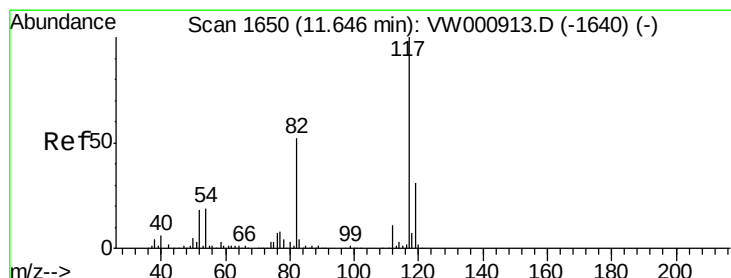
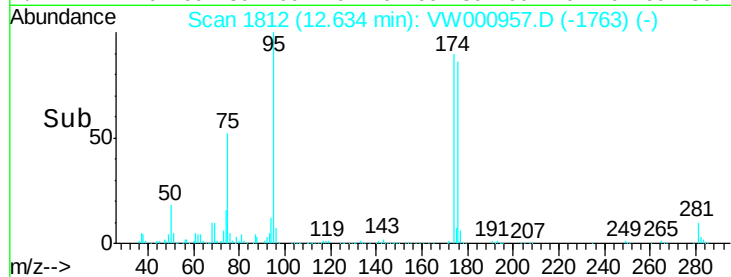
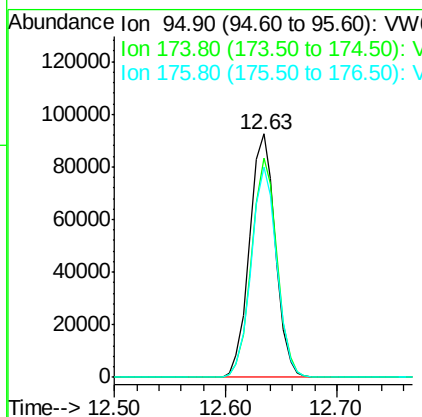
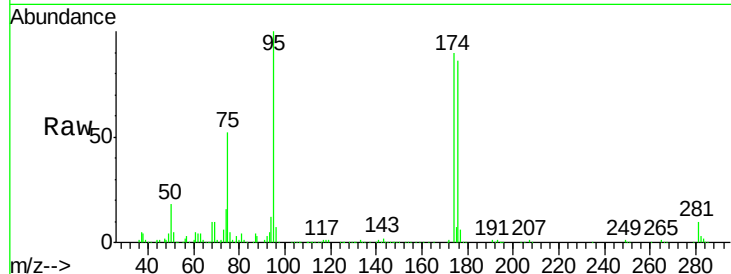




#62
4-Bromofluorobenzene
Concen: 48.12 ug/l
RT: 12.63 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VW000957.D
Acq: 24 Jan 2018 19:28

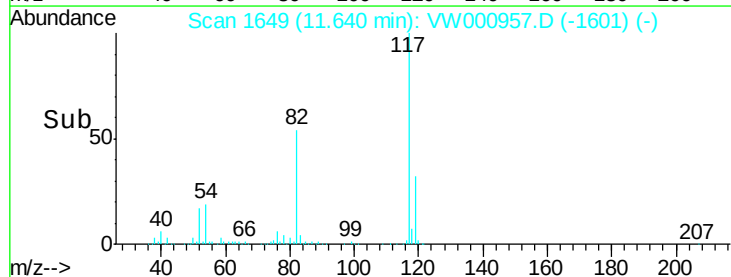
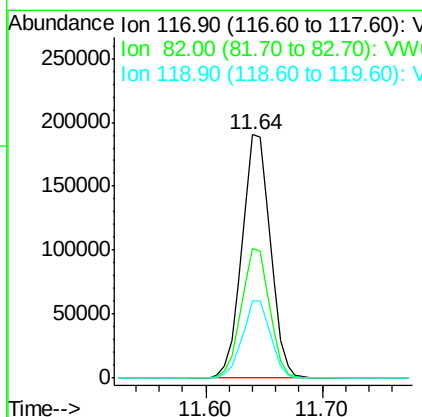
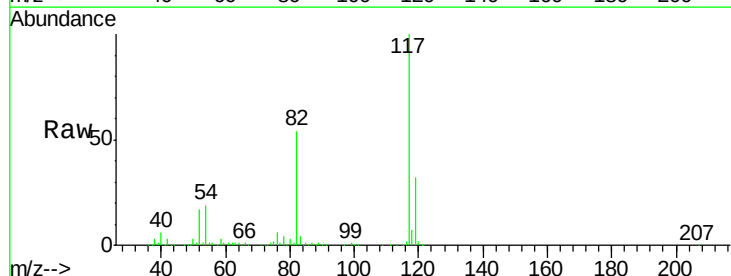
Instrument :
MSVOA_W
ClientSampleId :
EPE-106-4A(110-112)

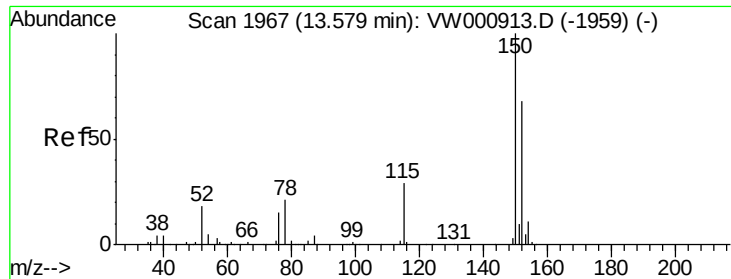
Tgt Ion: 95 Resp: 149252
Ion Ratio Lower Upper
95 100
174 89.3 0.0 176.8
176 85.7 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.01 min
Lab File: VW000957.D
Acq: 24 Jan 2018 19:28

Tgt Ion: 117 Resp: 325483
Ion Ratio Lower Upper
117 100
82 53.5 41.8 62.6
119 31.7 25.2 37.8

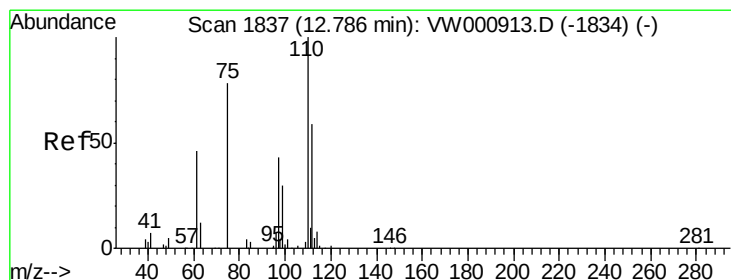
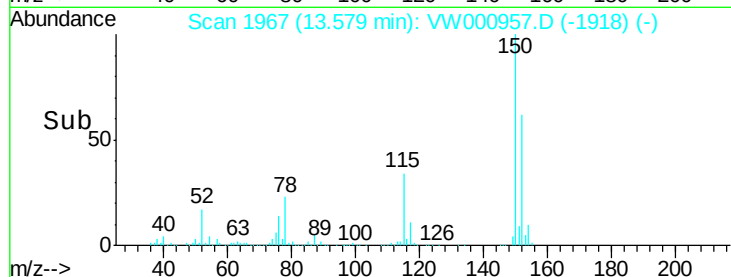
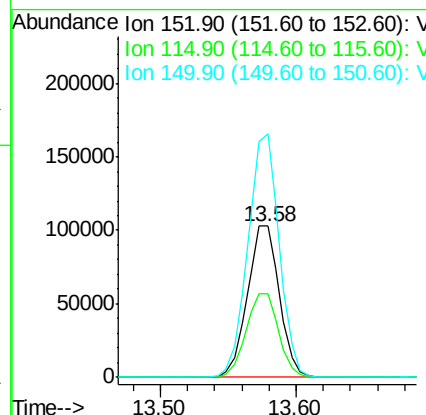
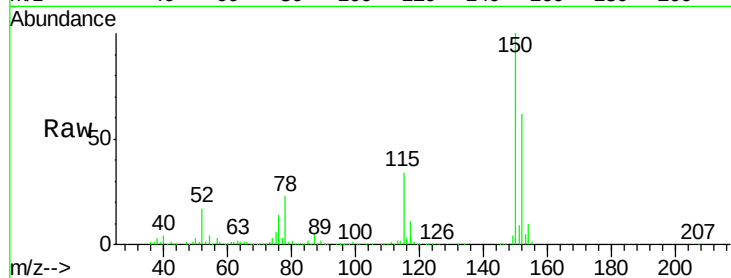




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.58 min Scan# 1967
 Delta R.T. 0.00 min
 Lab File: VW000957.D
 Acq: 24 Jan 2018 19:28

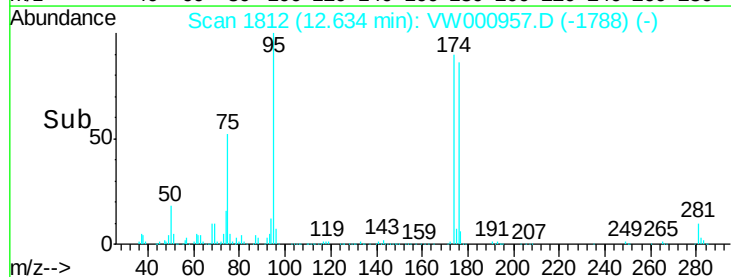
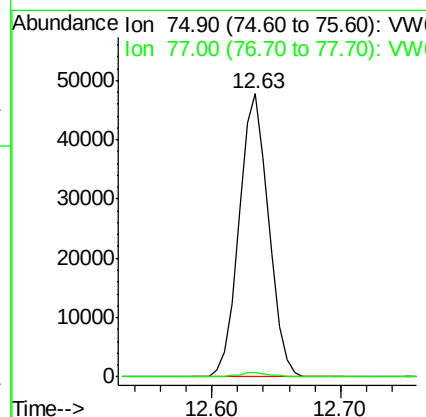
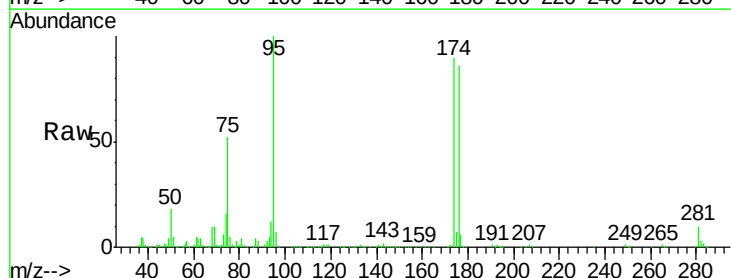
Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-106-4A(110-112)

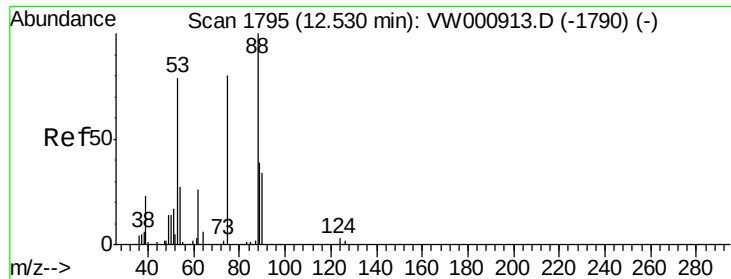
Tgt Ion: 152 Resp: 169093
 Ion Ratio Lower Upper
 152 100
 115 56.1 28.5 85.5
 150 158.1 0.0 342.0



#76
 1,2,3-Trichloropropane
 Concen: 38.63 ug/l
 RT: 12.63 min Scan# 1812
 Delta R.T. -0.15 min
 Lab File: VW000957.D
 Acq: 24 Jan 2018 19:28

Tgt Ion: 75 Resp: 75584
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 92.66 ug/l

RT: 12.63 min Scan# 1812

Delta R.T. 0.10 min

Lab File: VW000957.D

Acq: 24 Jan 2018 19:28

Instrument :

MSVOA_W

ClientSampleId :

EPE-106-4A(110-112)

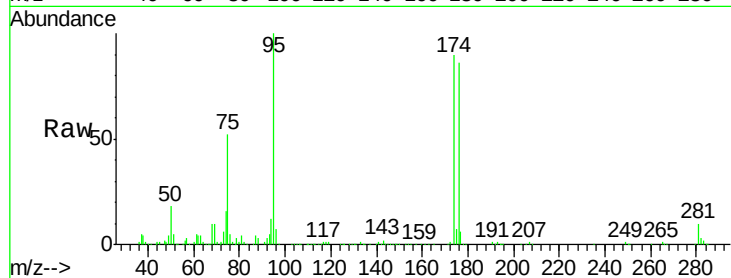
Tgt Ion: 75 Resp: 75584

Ion Ratio Lower Upper

75 100

53 0.2 77.5 116.3#

89 0.0 38.2 57.4#



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

