

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012418\
 Data File : VW000972.D
 Acq On : 25 Jan 2018 02:02
 Operator : JC/SY
 Sample : J1288-03
 Misc : 5.77G/5.0ML/MSVOA_W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-108-4(80-82)

Quant Time: Jan 25 04:48:05 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	194835	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	320755	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	234925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	51306	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	124786	66.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.64%	
35) Dibromofluoromethane	7.89	113	118538	60.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.66%	
50) Toluene-d8	10.33	98	379491	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
62) 4-Bromofluorobenzene	12.63	95	75247	26.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.34%	

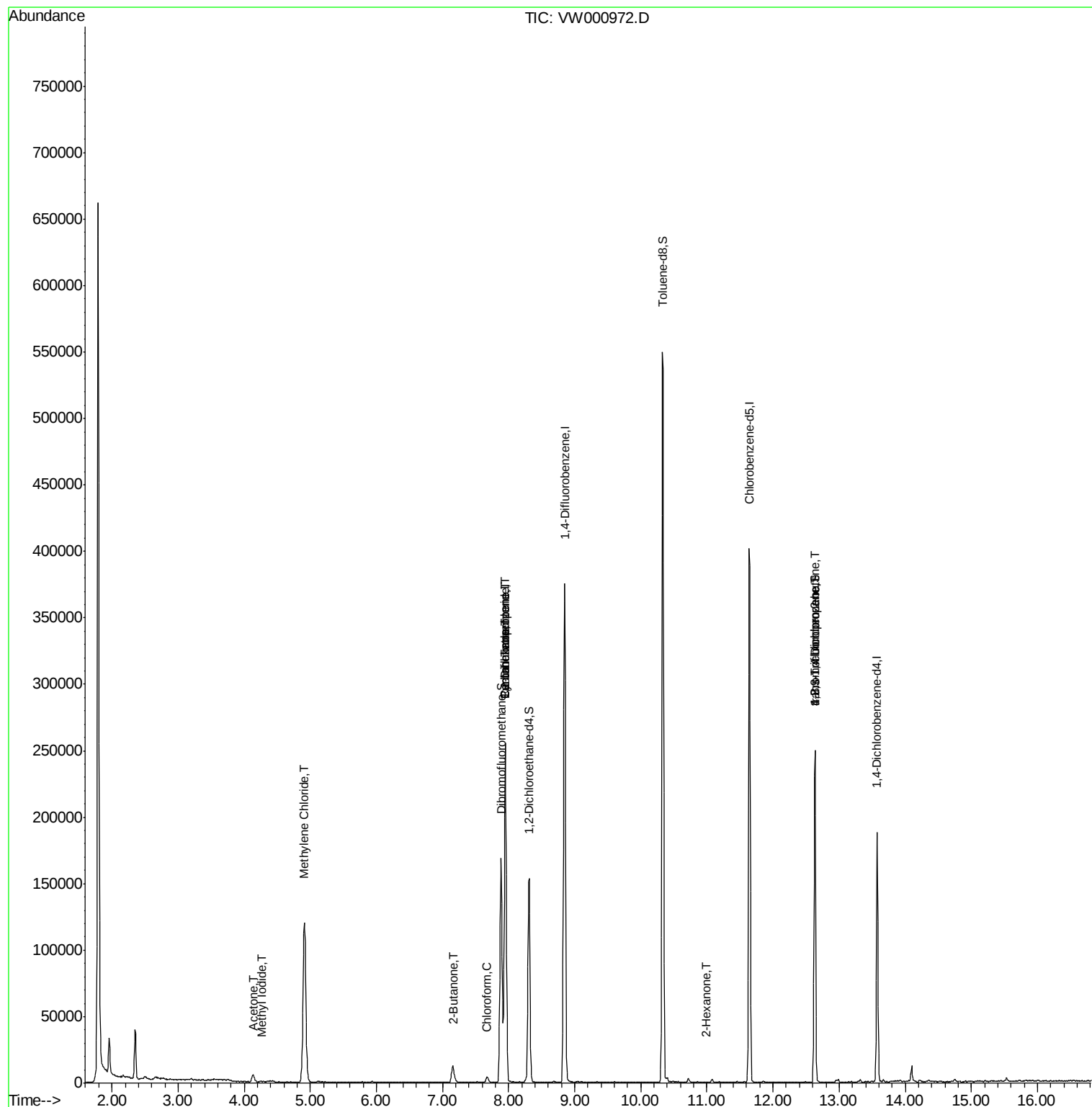
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.26	142	702	5.18	ug/l #	63
16) Acetone	4.13	43	8299	27.39	ug/l	91
20) Methylene Chloride	4.91	84	93731	56.09	ug/l	94
25) 2-Butanone	7.17	43	964	1.17	ug/l	99
30) Chloroform	7.67	83	3680	1.16	ug/l	91
31) Cyclohexane	7.95	56	3718	1.22	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	13484	4.41	ug/l #	50
38) Carbon Tetrachloride	7.95	117	18927	5.61	ug/l #	17
59) 2-Hexanone	10.98	43	58	14.71	ug/l #	24
76) 1,2,3-Trichloropropane	12.63	75	37108	62.50	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	37108	147.12	ug/l #	11

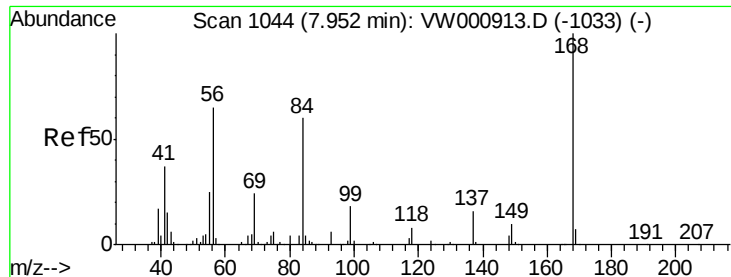
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW000972.D

Acq: 25 Jan 2018 02:02

Instrument :

MSVOA_W

ClientSampleId :

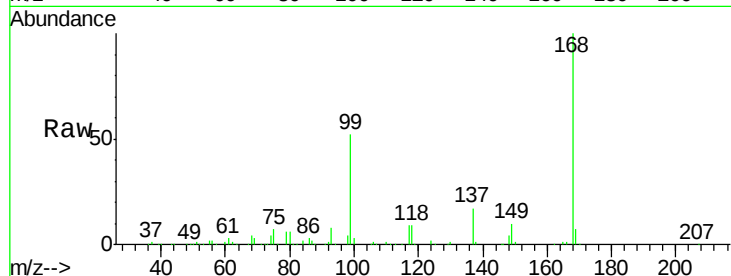
EPE-108-4(80-82)

Tgt Ion:168 Resp: 194835

Ion Ratio Lower Upper

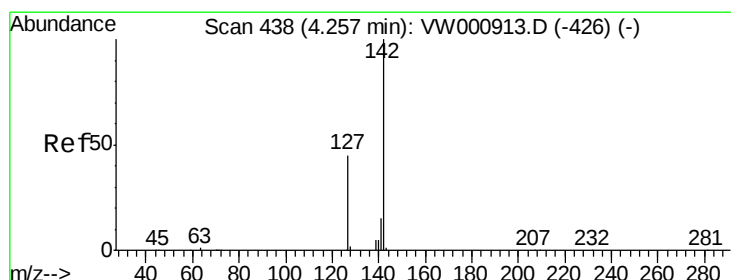
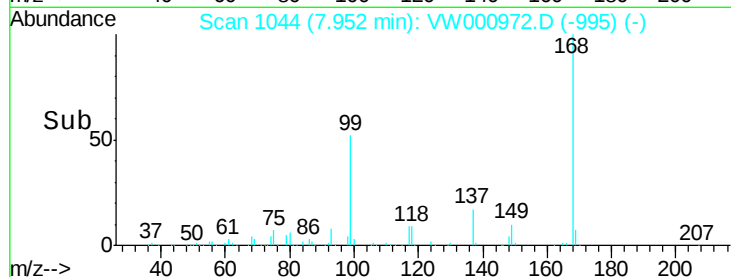
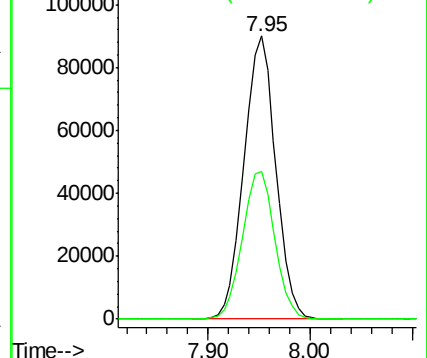
168 100

99 52.3 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#10

Methyl Iodide

Concen: 5.18 ug/l

RT: 4.26 min Scan# 438

Delta R.T. 0.00 min

Lab File: VW000972.D

Acq: 25 Jan 2018 02:02

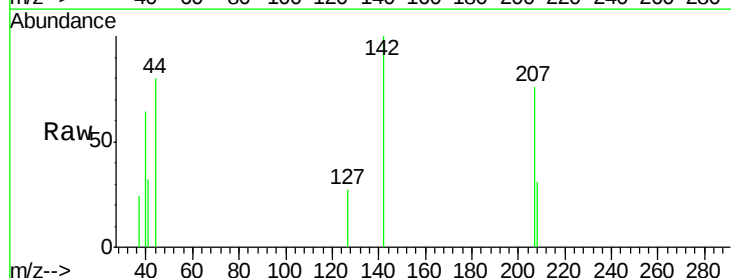
Tgt Ion:142 Resp: 702

Ion Ratio Lower Upper

142 100

127 19.8 35.5 53.3#

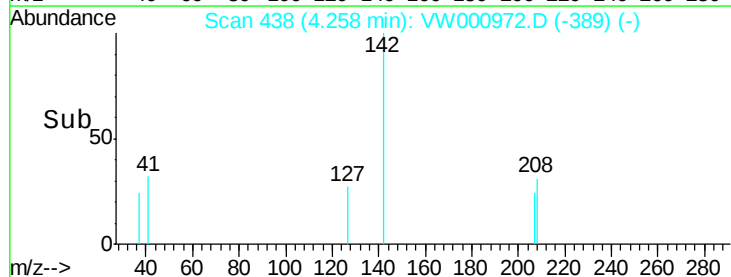
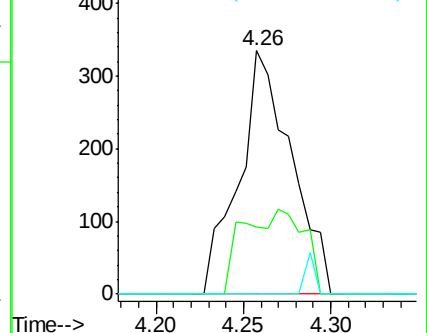
141 0.0 11.7 17.5#

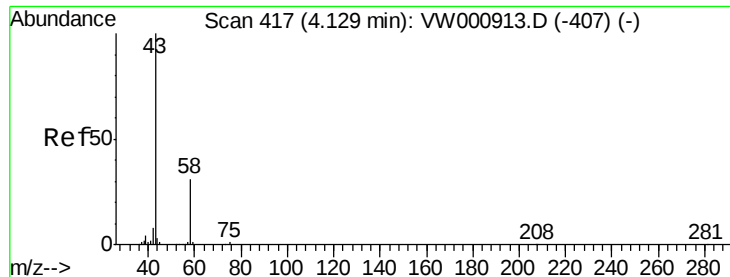


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 27.39 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.00 min

Lab File: VW000972.D

Acq: 25 Jan 2018 02:02

Instrument :

MSVOA_W

ClientSampleId :

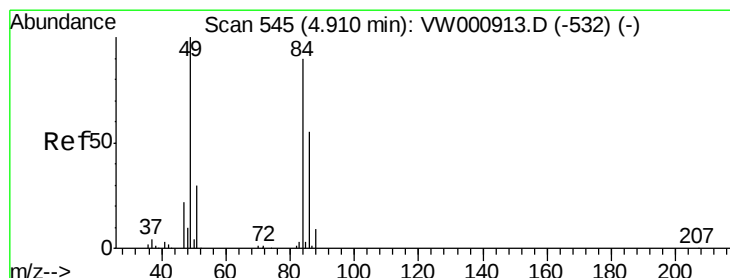
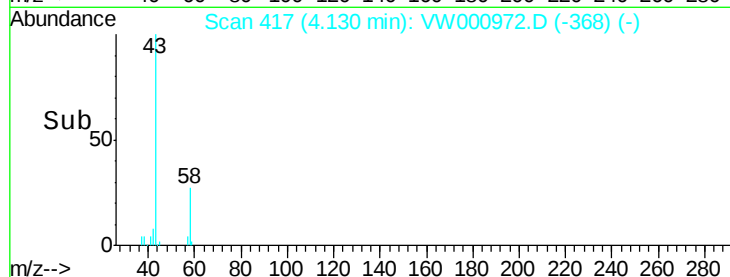
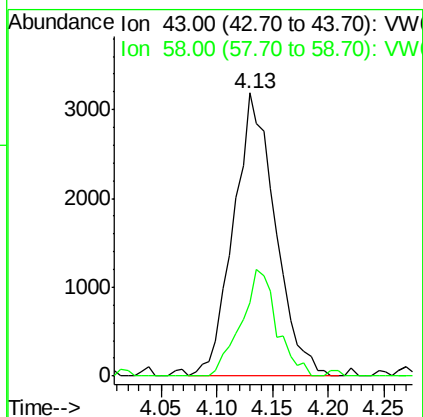
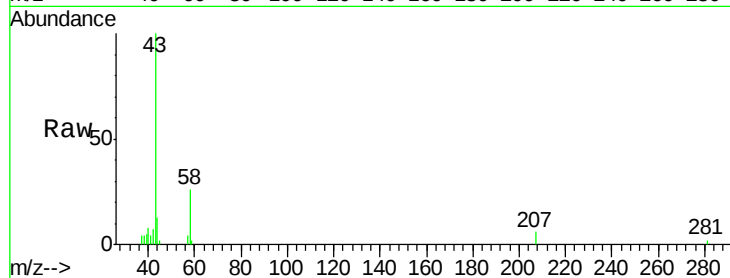
EPE-108-4(80-82)

Tgt Ion: 43 Resp: 8299

Ion Ratio Lower Upper

43 100

58 26.0 24.9 37.3



#20

Methylene Chloride

Concen: 56.09 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW000972.D

Acq: 25 Jan 2018 02:02

Tgt Ion: 84 Resp: 93731

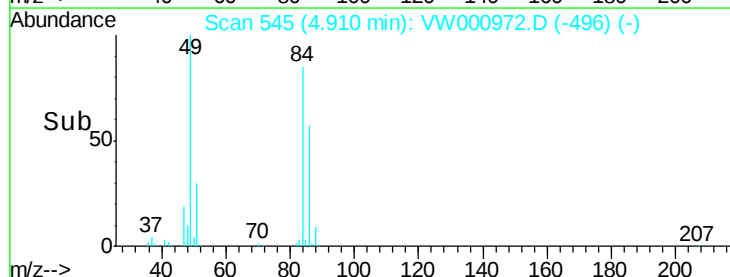
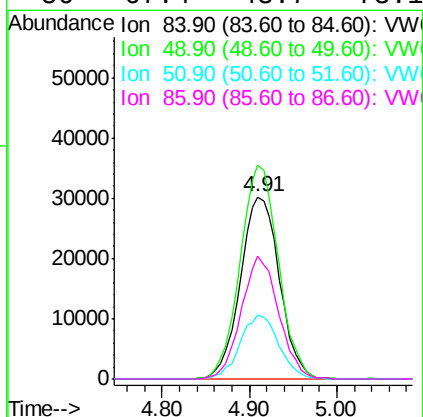
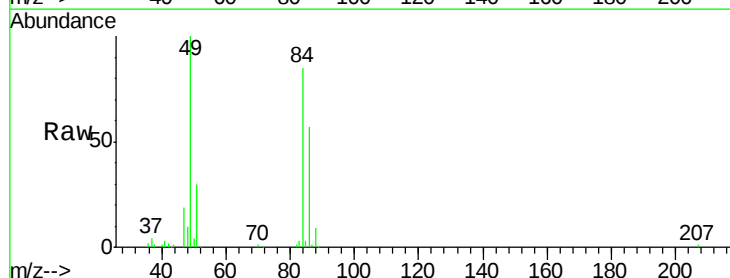
Ion Ratio Lower Upper

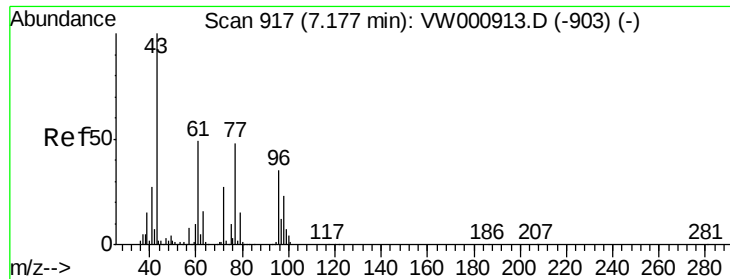
84 100

49 117.5 89.0 133.4

51 35.3 26.7 40.1

86 67.4 48.7 73.1

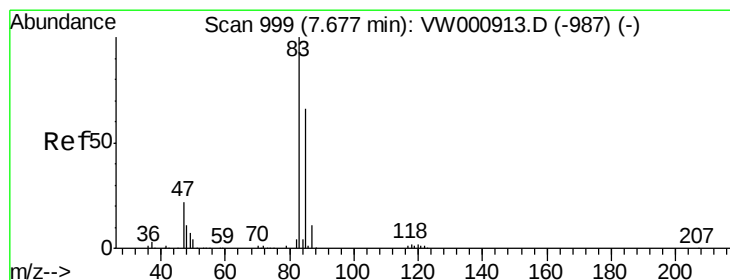
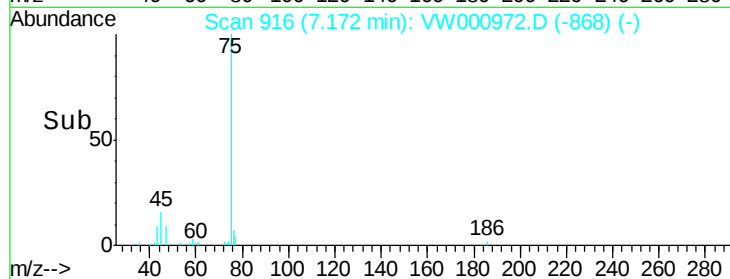
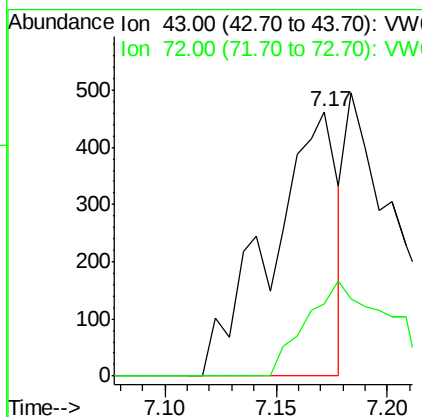
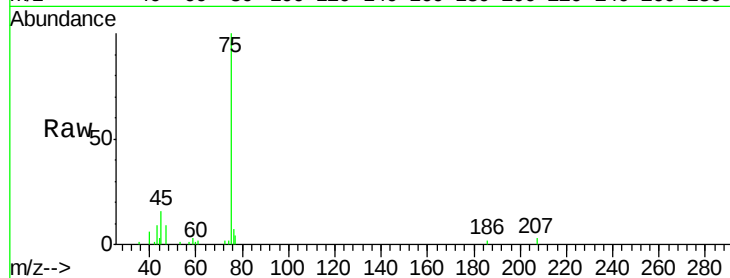




#25
 2-Butanone
 Concen: 1.17 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: VW000972.D
 Acq: 25 Jan 2018 02:02

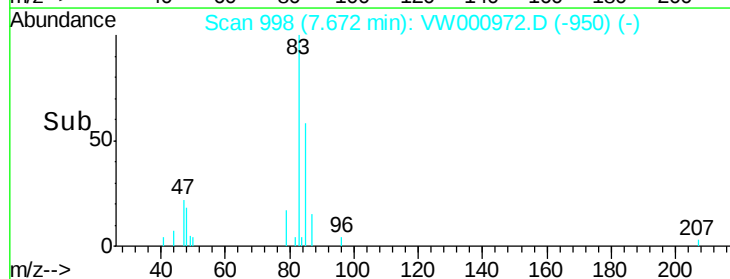
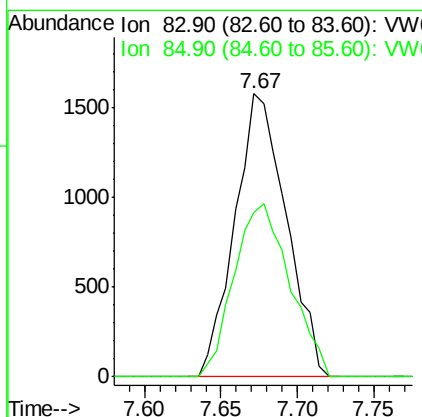
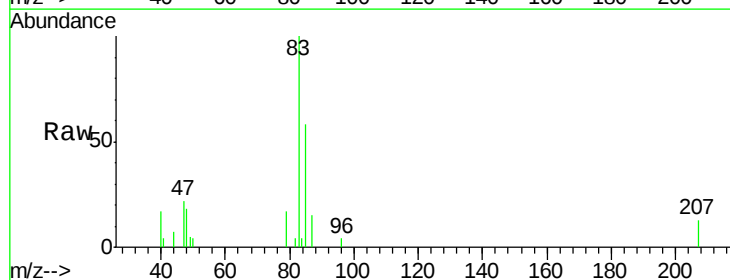
Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-108-4(80-82)

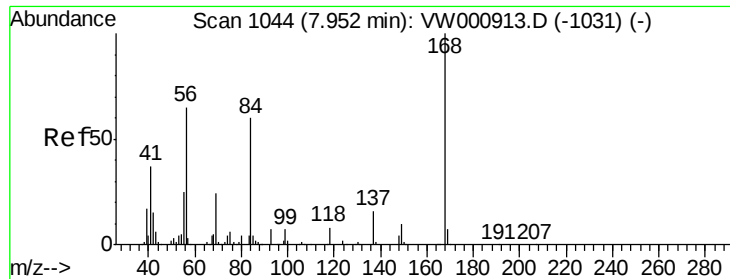
Tgt Ion: 43 Resp: 964
 Ion Ratio Lower Upper
 43 100
 72 27.5 21.5 32.3



#30
 Chloroform
 Concen: 1.16 ug/l
 RT: 7.67 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: VW000972.D
 Acq: 25 Jan 2018 02:02

Tgt Ion: 83 Resp: 3680
 Ion Ratio Lower Upper
 83 100
 85 58.3 52.5 78.7





#31

Cyclohexane

Concen: 1.22 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW000972.D

Acq: 25 Jan 2018 02:02

Instrument :

MSVOA_W

ClientSampleId :

EPE-108-4(80-82)

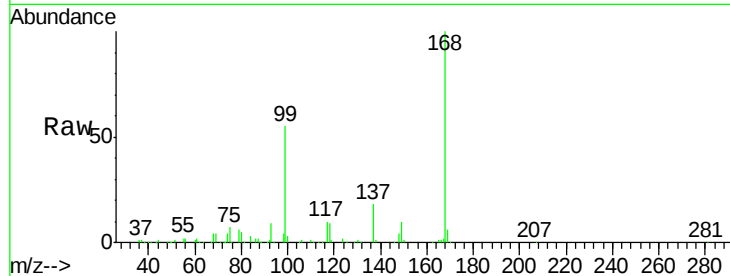
Tgt Ion: 56 Resp: 3718

Ion Ratio Lower Upper

56 100

69 198.4 29.2 43.8#

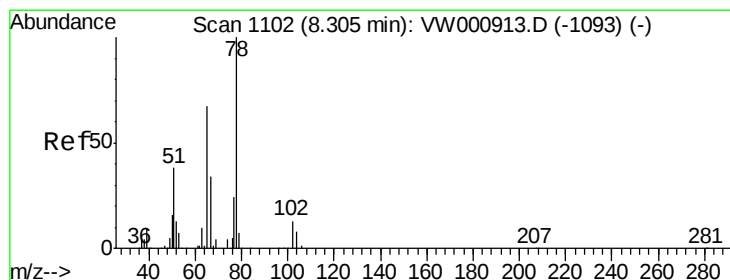
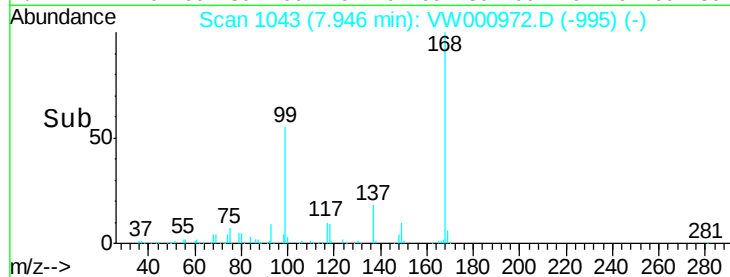
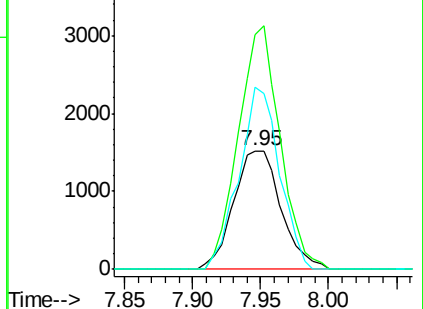
84 154.1 73.6 110.4#



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: 66.82 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW000972.D

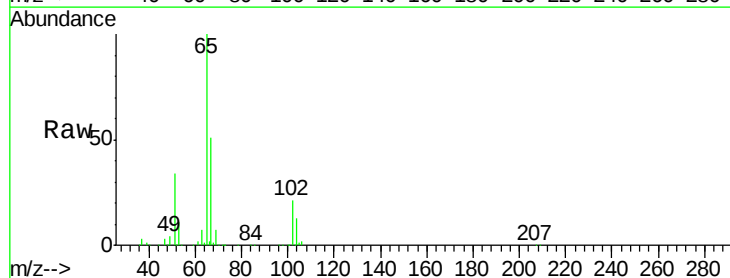
Acq: 25 Jan 2018 02:02

Tgt Ion: 65 Resp: 124786

Ion Ratio Lower Upper

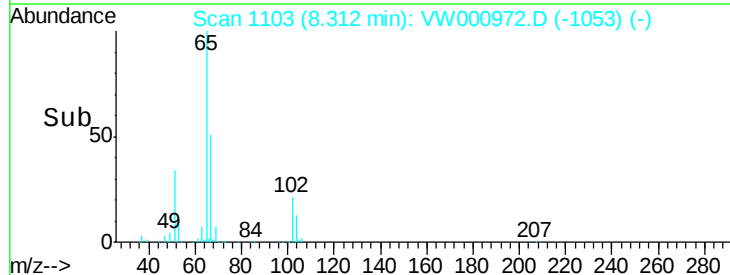
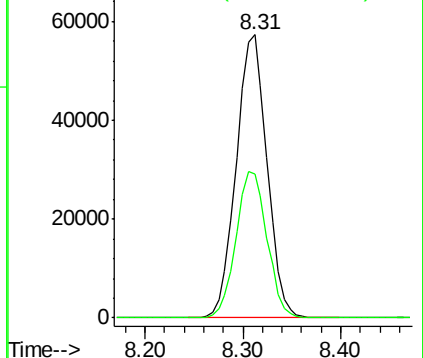
65 100

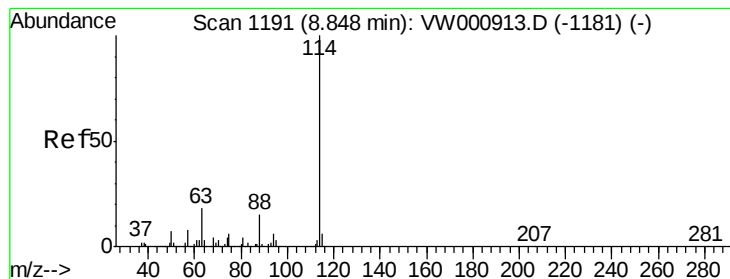
67 52.0 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW000972.D

Acq: 25 Jan 2018 02:02

Instrument :

MSVOA_W

ClientSampleId :

EPE-108-4(80-82)

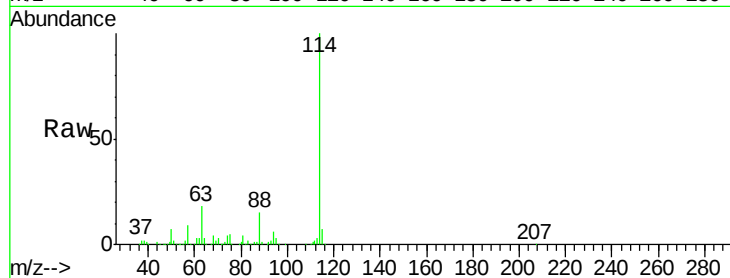
Tgt Ion:114 Resp: 320755

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.8

88 14.9 0.0 29.8

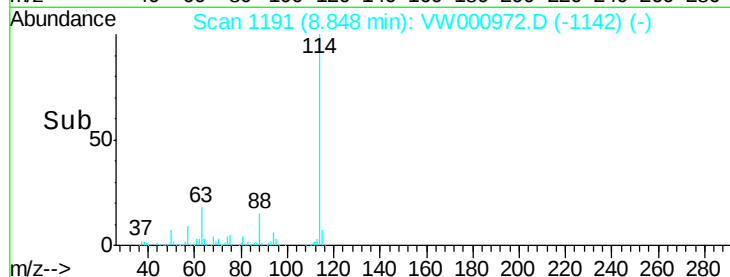


Abundance Ion 113.90 (113.60 to 114.60): V

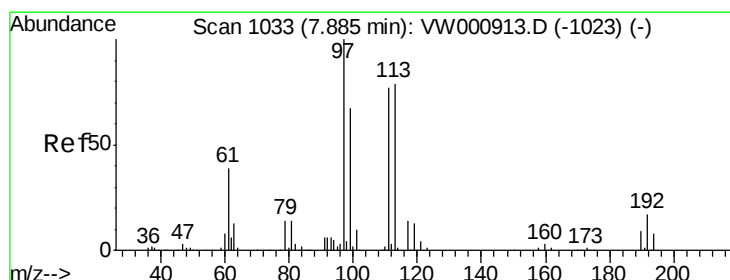
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

Time-->



Time-->



#35

Dibromofluoromethane

Concen: 60.33 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW000972.D

Acq: 25 Jan 2018 02:02

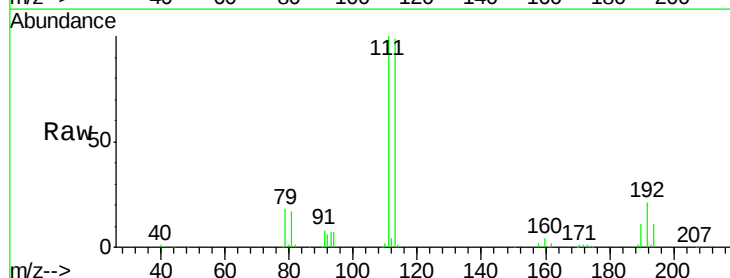
Tgt Ion:113 Resp: 118538

Ion Ratio Lower Upper

113 100

111 103.2 80.4 120.6

192 22.1 17.0 25.4

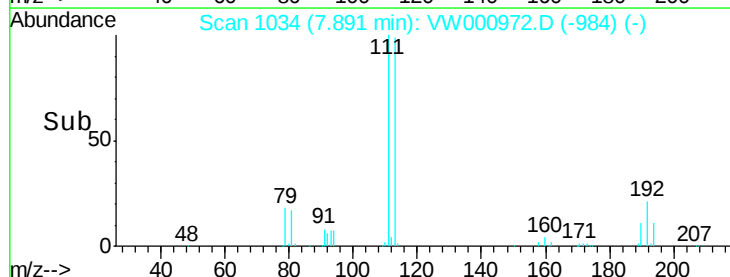


Abundance Ion 112.80 (112.50 to 113.50): V

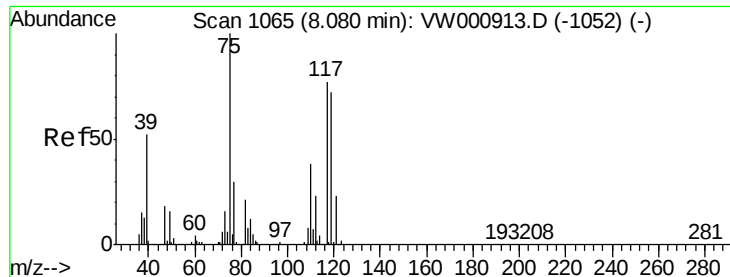
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

Time-->



Time-->



#36

1,1-Dichloropropene

Concen: 4.41 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.13 min

Lab File: VW000972.D

Acq: 25 Jan 2018 02:02

Instrument :

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ClientSampleId :

EPE-108-4(80-82)

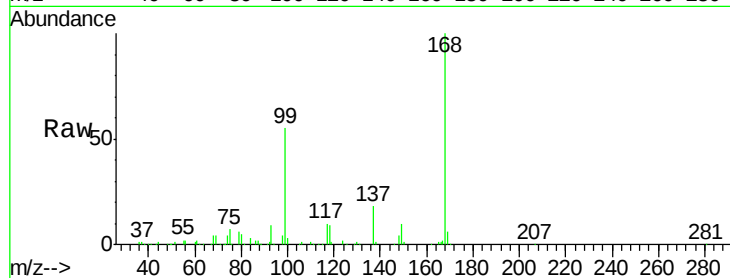
Tgt Ion: 75 Resp: 13484

Ion Ratio Lower Upper

75 100

110 9.9 18.6 56.0#

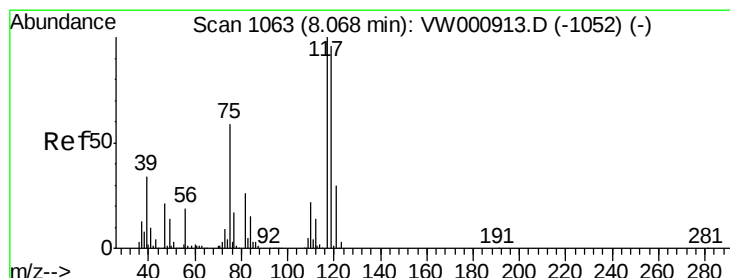
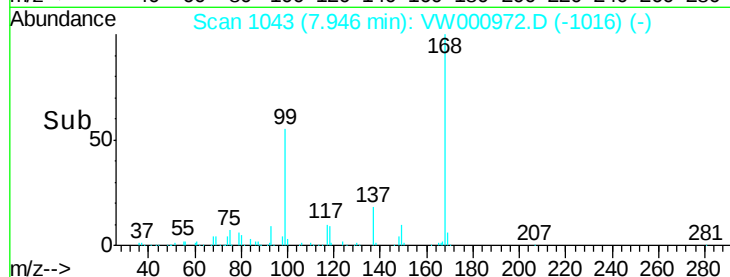
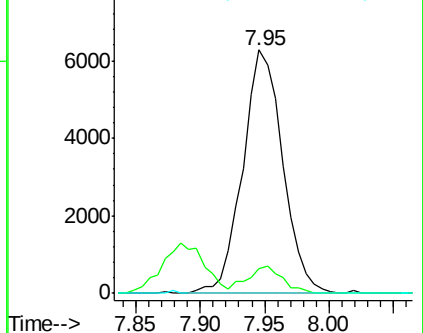
77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW



#38

Carbon Tetrachloride

Concen: 5.61 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW000972.D

Acq: 25 Jan 2018 02:02

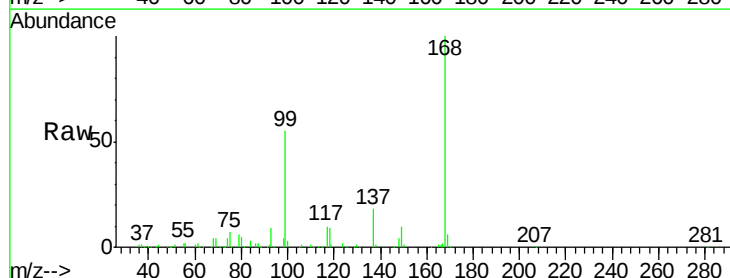
Tgt Ion: 117 Resp: 18927

Ion Ratio Lower Upper

117 100

119 6.2 76.5 114.7#

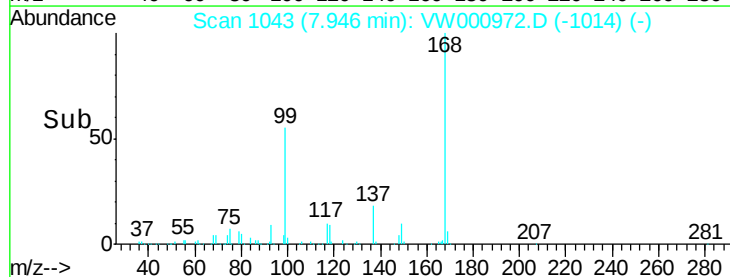
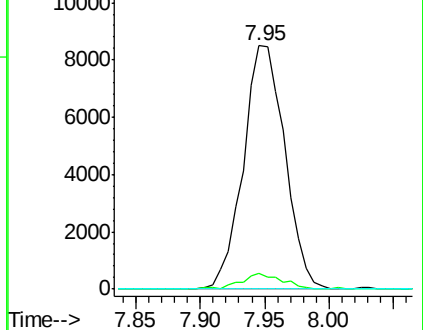
121 0.0 24.3 36.5#

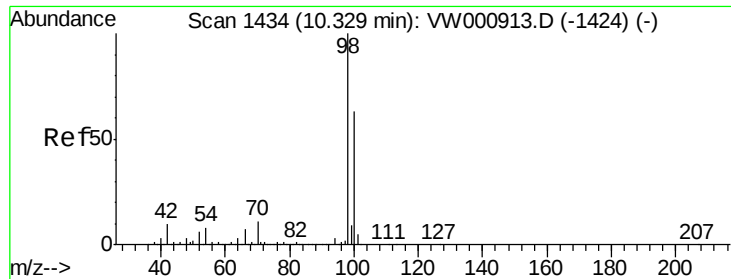


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 48.99 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW000972.D

Acq: 25 Jan 2018 02:02

Instrument :

MSVOA_W

ClientSampleId :

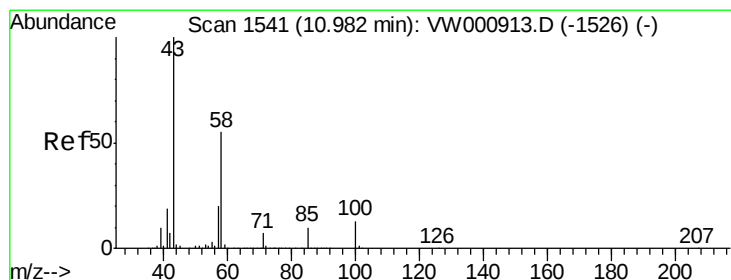
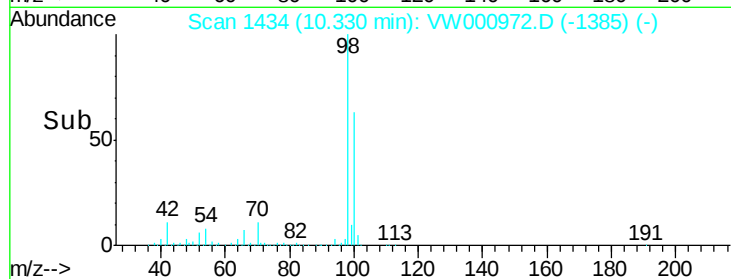
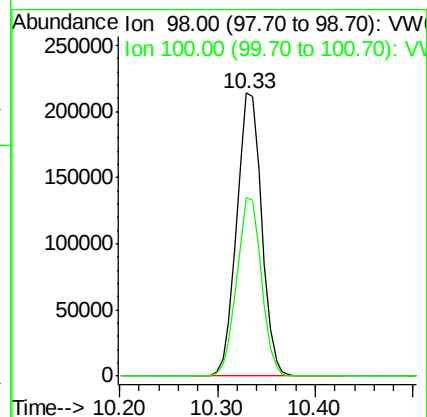
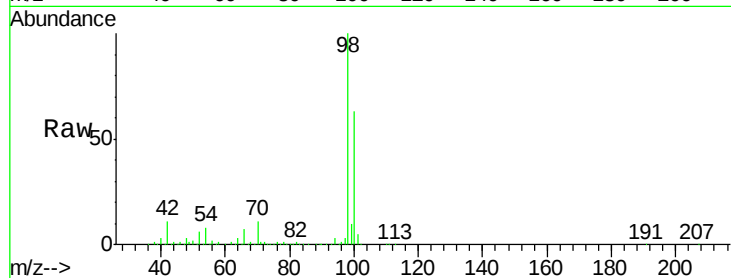
EPE-108-4(80-82)

Tgt Ion: 98 Resp: 379491

Ion Ratio Lower Upper

98 100

100 62.2 50.8 76.2



#59

2-Hexanone

Concen: 14.71 ug/l

RT: 10.98 min Scan# 1541

Delta R.T. 0.00 min

Lab File: VW000972.D

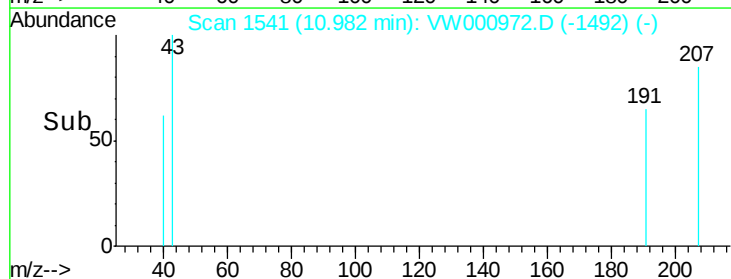
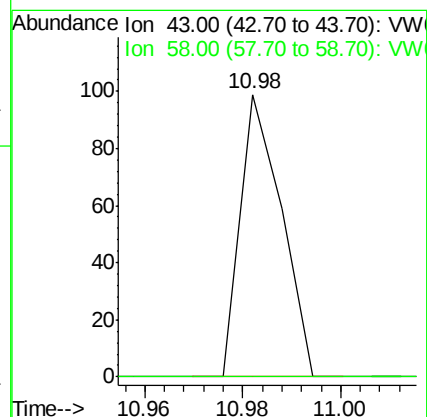
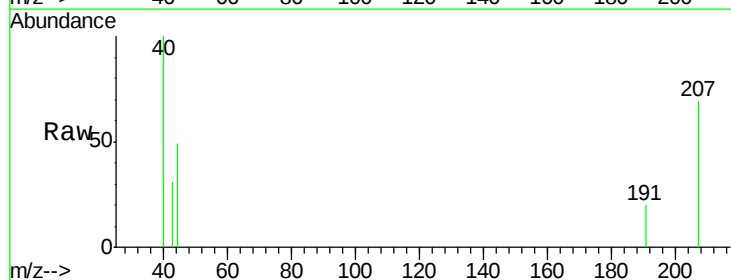
Acq: 25 Jan 2018 02:02

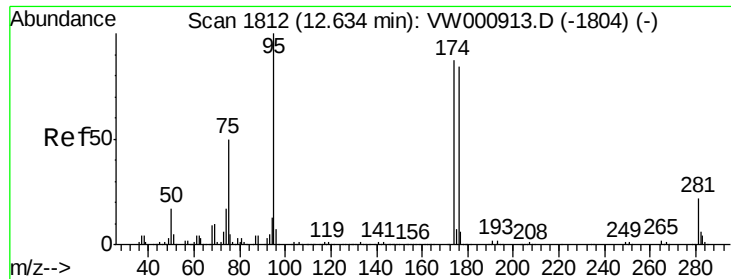
Tgt Ion: 43 Resp: 58

Ion Ratio Lower Upper

43 100

58 0.0 27.4 82.2#

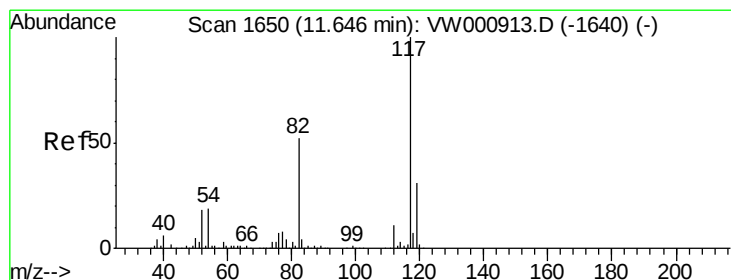
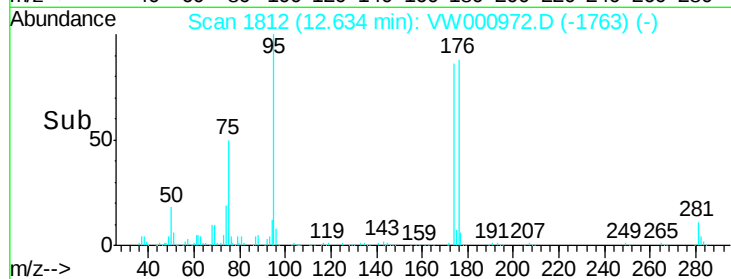
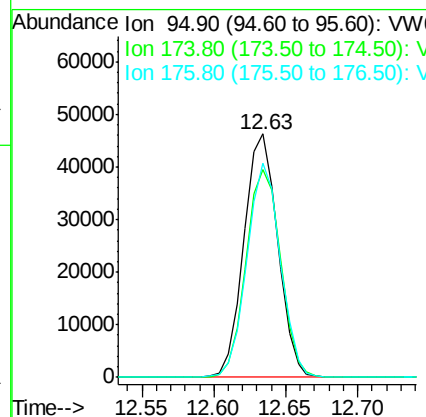
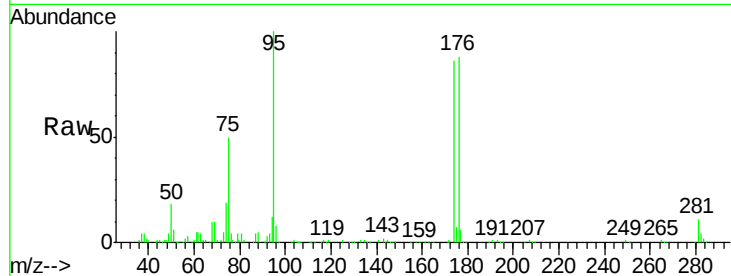




#62
4-Bromofluorobenzene
Concen: 26.67 ug/l
RT: 12.63 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VW000972.D
Acq: 25 Jan 2018 02:02

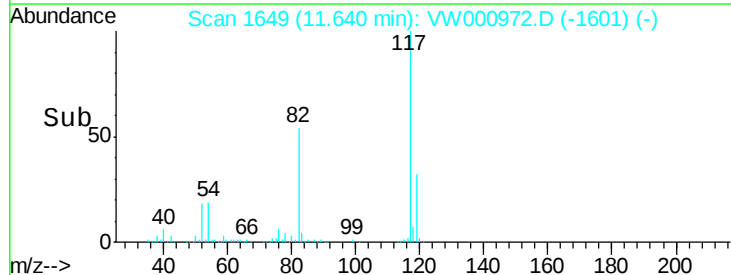
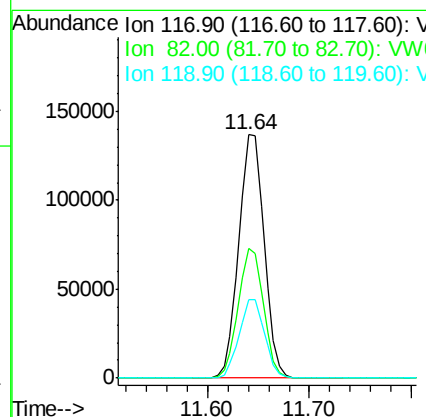
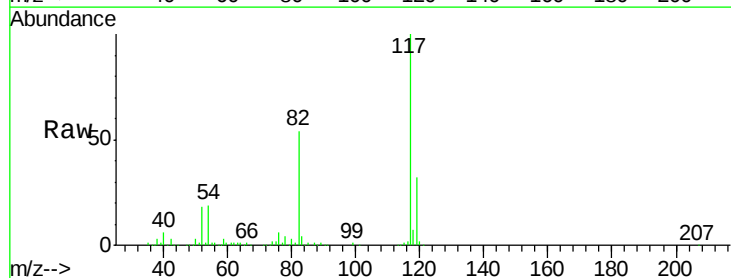
Instrument :
MSVOA_W
ClientSampleId :
EPE-108-4(80-82)

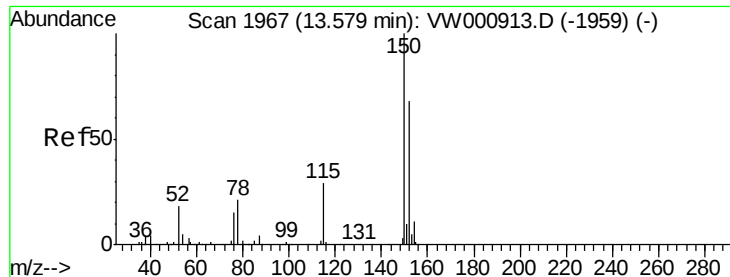
Tgt Ion: 95 Resp: 75247
Ion Ratio Lower Upper
95 100
174 87.3 0.0 176.8
176 86.7 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.01 min
Lab File: VW000972.D
Acq: 25 Jan 2018 02:02

Tgt Ion: 117 Resp: 234925
Ion Ratio Lower Upper
117 100
82 53.5 41.8 62.6
119 32.2 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: VW000972.D

Acq: 25 Jan 2018 02:02

Instrument :

MSVOA_W

ClientSampleId :

EPE-108-4(80-82)

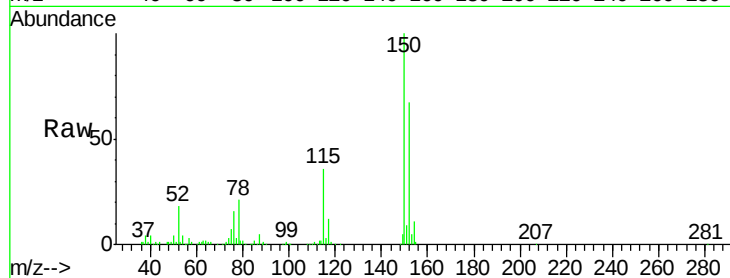
Tgt Ion:152 Resp: 51306

Ion Ratio Lower Upper

152 100

115 56.2 28.5 85.5

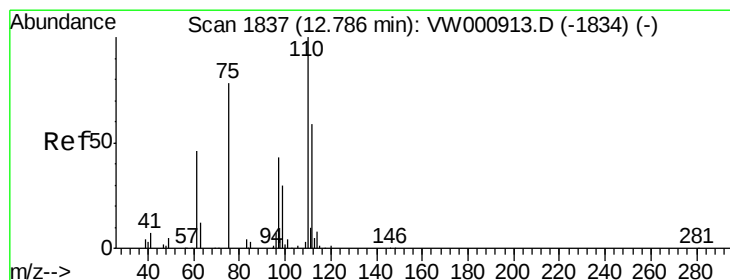
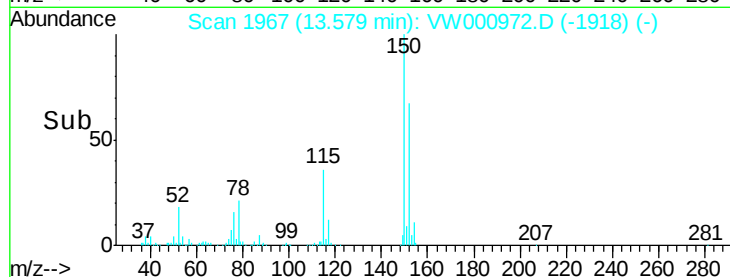
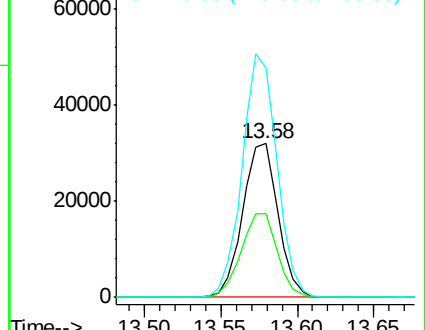
150 155.8 0.0 342.0



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: 62.50 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.16 min

Lab File: VW000972.D

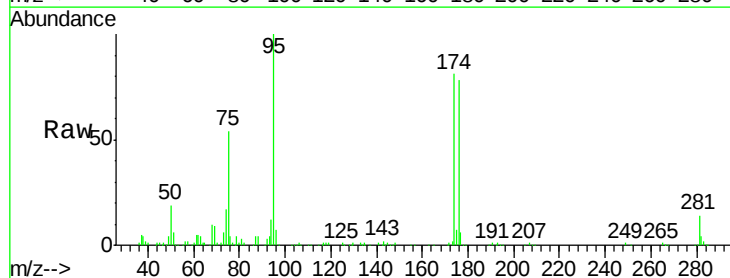
Acq: 25 Jan 2018 02:02

Tgt Ion: 75 Resp: 37108

Ion Ratio Lower Upper

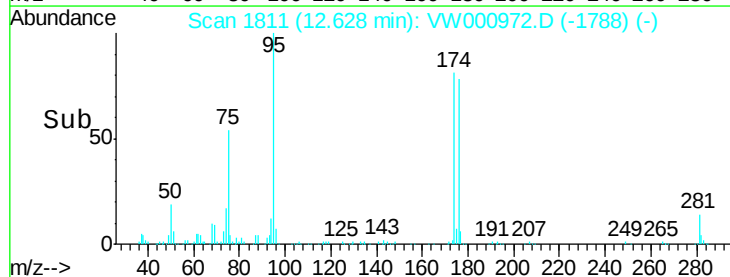
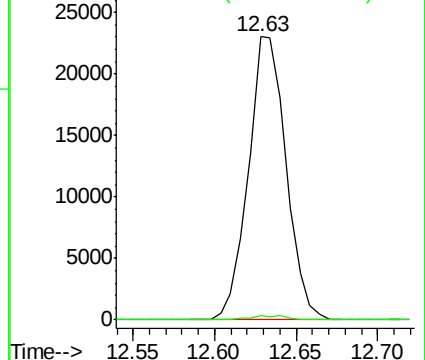
75 100

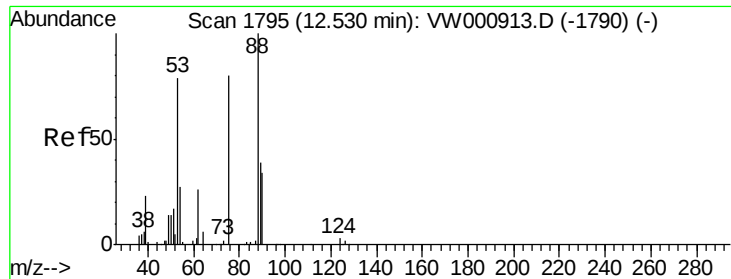
77 1.4 0.0 0.0#



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: 147.12 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.10 min

Lab File: VW000972.D

Acq: 25 Jan 2018 02:02

Instrument :

MSVOA_W

ClientSampleId :

EPE-108-4(80-82)

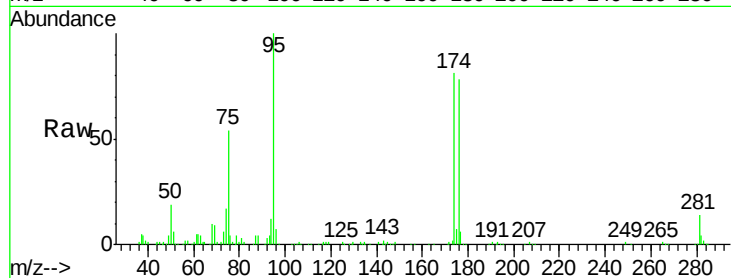
Tgt Ion: 75 Resp: 37108

Ion Ratio Lower Upper

75 100

53 0.4 77.5 116.3#

89 0.2 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

