

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062718\
 Data File : VW003587.D
 Acq On : 27 Jun 2018 00:05
 Operator : SY/AP
 Sample : J3665-02
 Misc : 5.31G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-105-4(95-97)

Quant Time: Jun 27 07:55:56 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	130911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	220201	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	204629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	97410	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	67241	47.42	ug/l	0.00
Spiked Amount			Recovery	=	94.84%	
35) Dibromofluoromethane	7.89	113	58199	42.53	ug/l	0.00
Spiked Amount			Recovery	=	85.06%	
50) Toluene-d8	10.33	98	185768	34.24	ug/l	0.00
Spiked Amount			Recovery	=	68.48%	
62) 4-Bromofluorobenzene	12.62	95	64755	33.73	ug/l	0.00
Spiked Amount			Recovery	=	67.46%	

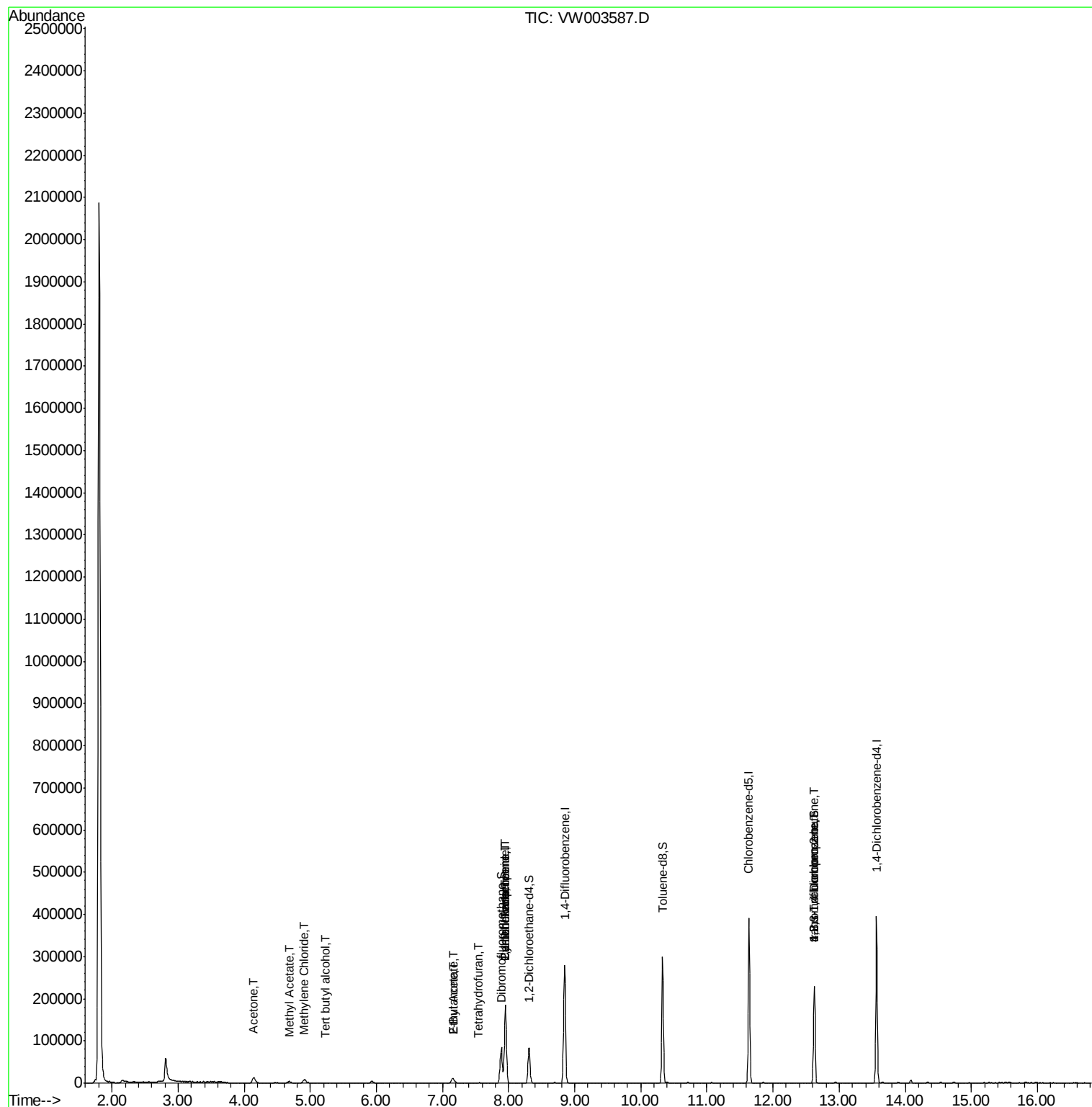
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	1300	17.095	ug/l #	84
16) Acetone	4.15	43	25283	85.016	ug/l	95
18) Methyl Acetate	4.67	43	6771	9.597	ug/l	96
20) Methylene Chloride	4.91	84	6020	1.181	ug/l	93
25) 2-Butanone	7.18	43	1707	4.616	ug/l	90
29) Tetrahydrofuran	7.54	42	271	1.199	ug/l #	64
31) Cyclohexane	7.95	56	3383	1.476	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	11495	5.405	ug/l #	49
37) Ethyl Acetate	7.18	43	1707	1.938	ug/l #	50
38) Carbon Tetrachloride	7.95	117	13395	6.422	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	35745	42.924	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	35745	98.771	ug/l #	8

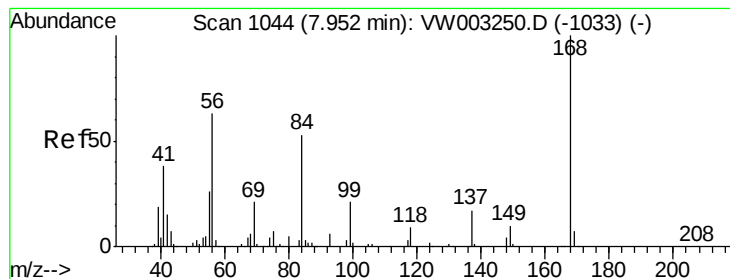
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062718\
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Quant Time: Jun 27 07:55:56 2018
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003587.D

Acq: 27 Jun 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

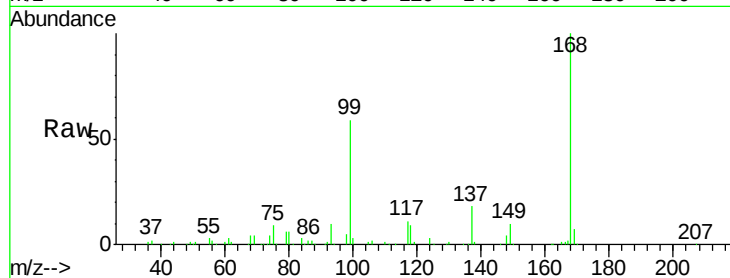
EPE-105-4(95-97)

Tgt Ion:168 Resp: 130911

Ion Ratio Lower Upper

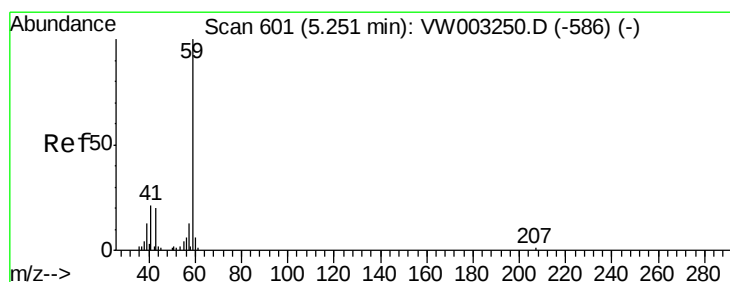
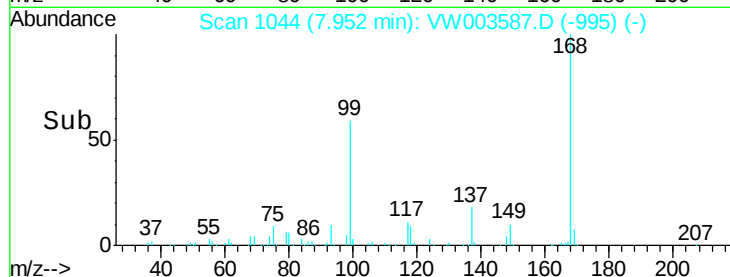
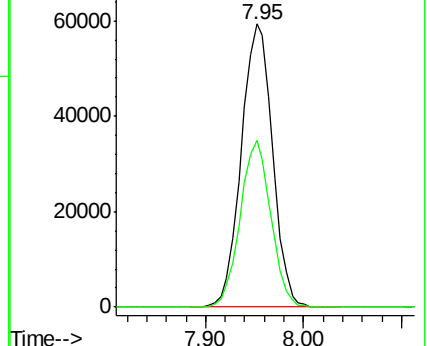
168 100

99 58.9 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 17.095 ug/l

RT: 5.23 min Scan# 597

Delta R.T. -0.02 min

Lab File: VW003587.D

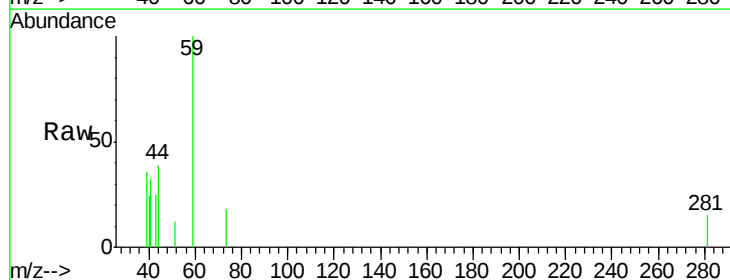
Acq: 27 Jun 2018 00:05

Tgt Ion: 59 Resp: 1300

Ion Ratio Lower Upper

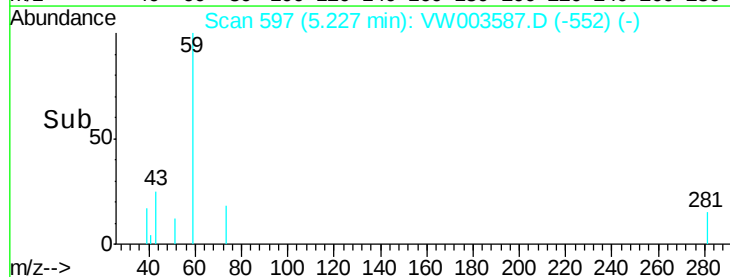
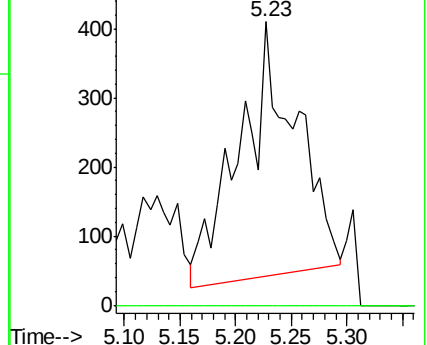
59 100

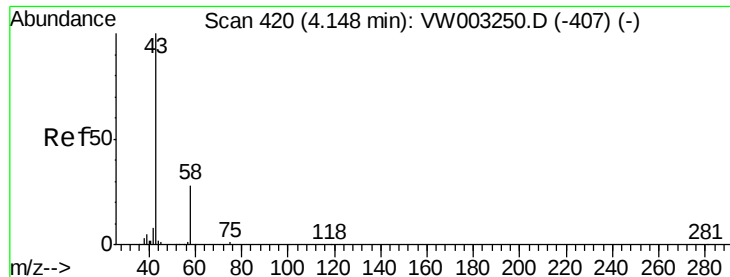
57 0.0 4.2 6.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 85.016 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003587.D

Acq: 27 Jun 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

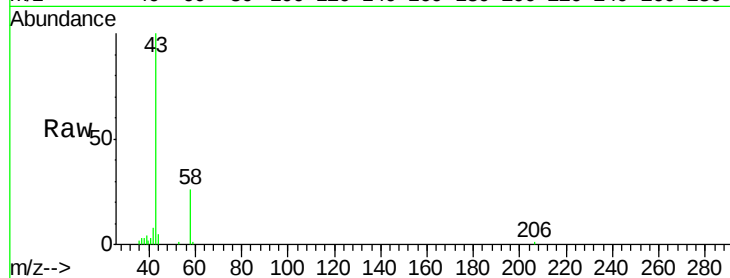
EPE-105-4(95-97)

Tgt Ion: 43 Resp: 25283

Ion Ratio Lower Upper

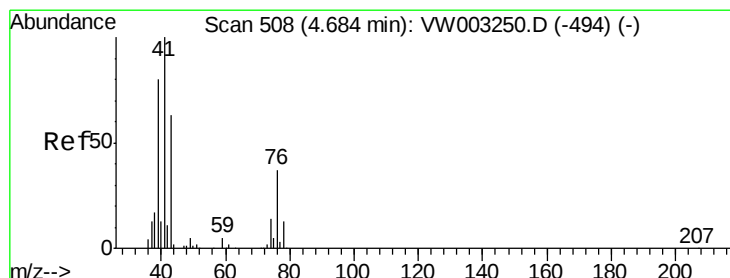
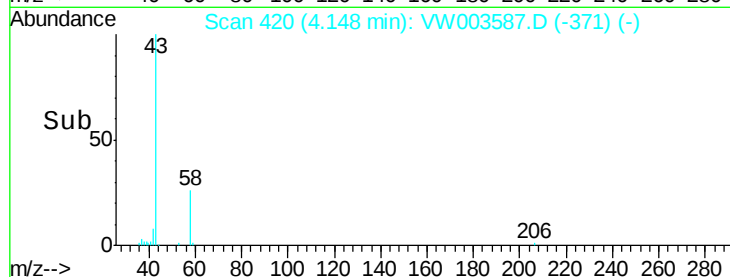
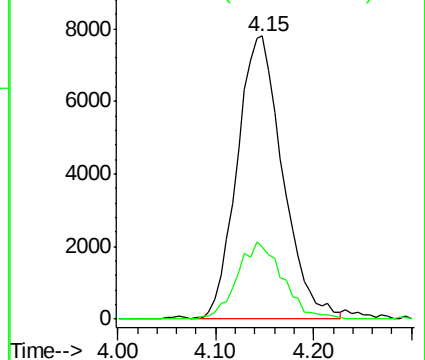
43 100

58 25.6 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: 9.597 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: VW003587.D

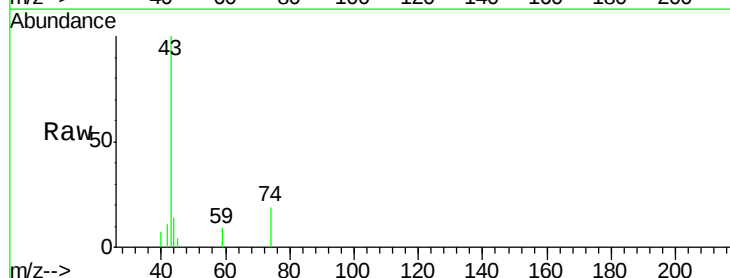
Acq: 27 Jun 2018 00:05

Tgt Ion: 43 Resp: 6771

Ion Ratio Lower Upper

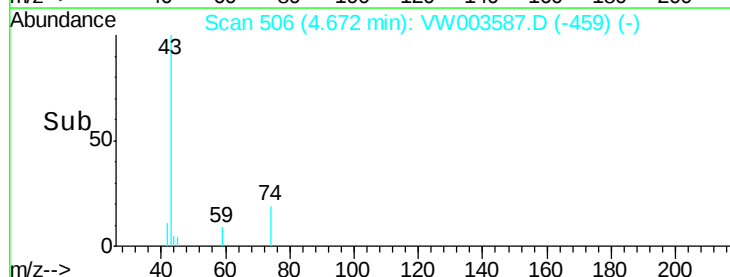
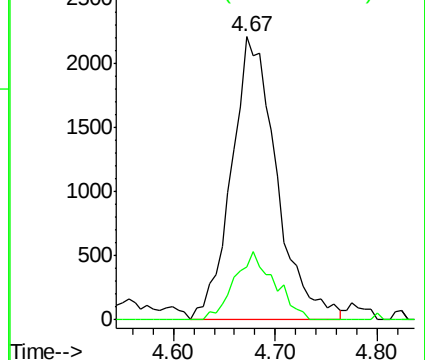
43 100

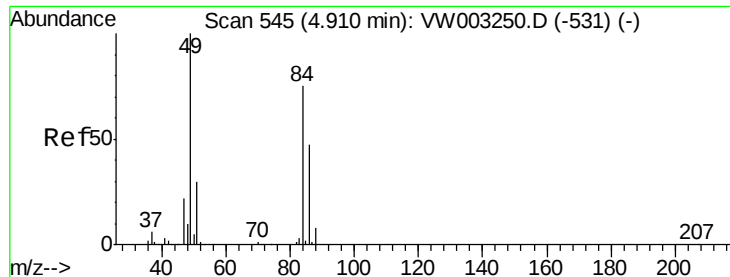
74 21.5 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

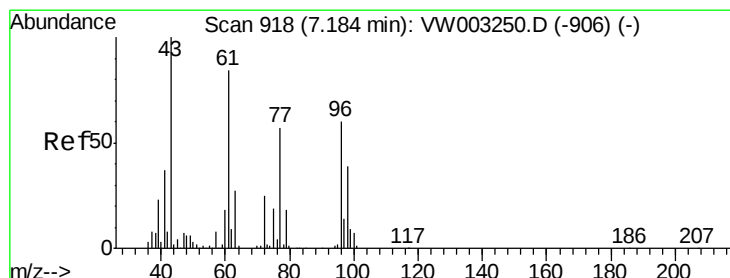
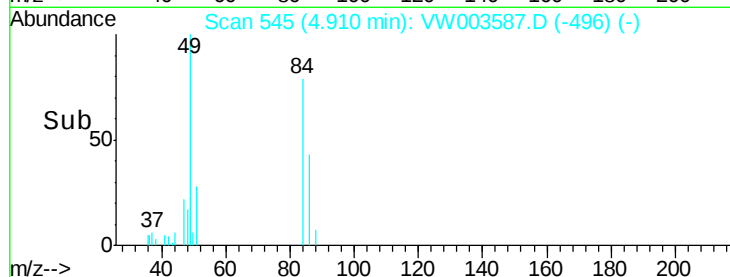
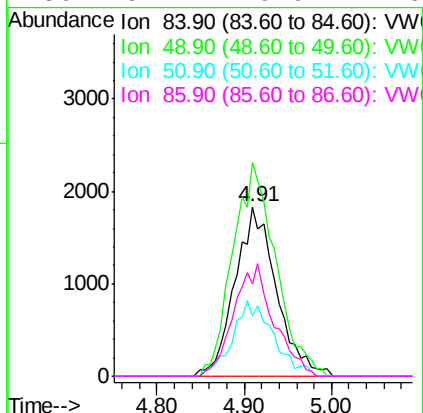
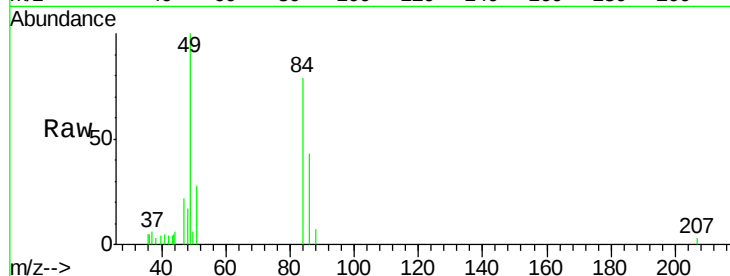




#20
Methylene Chloride
Concen: 1.181 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003587.D
Acq: 27 Jun 2018 00:05

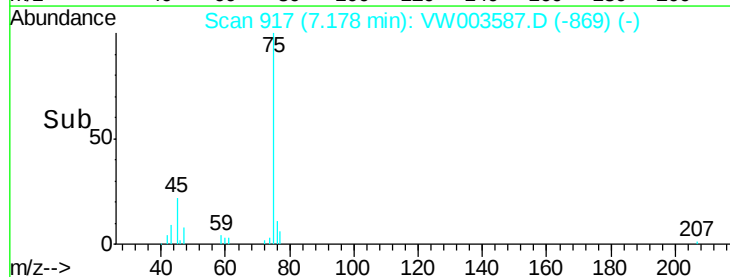
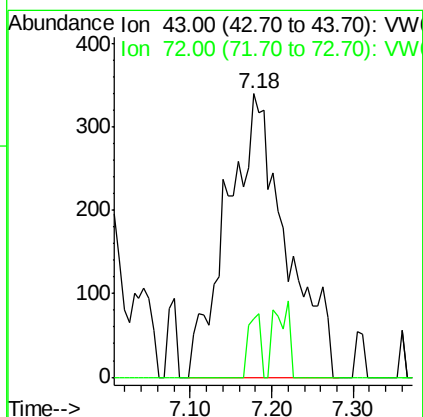
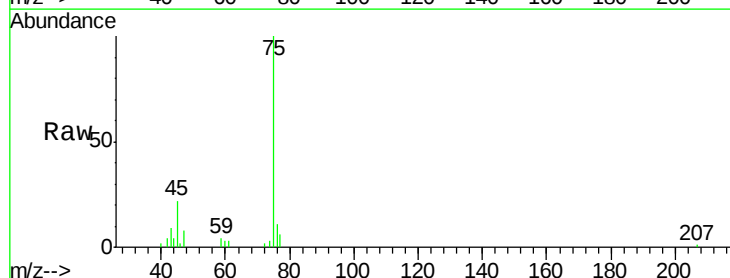
Instrument :
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EPE-105-4(95-97)

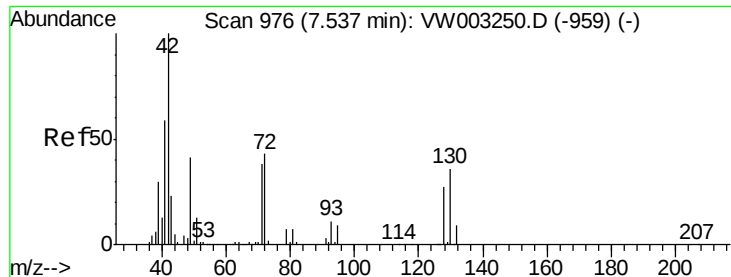
Tgt Ion: 84 Resp: 6020
Ion Ratio Lower Upper
84 100
49 126.0 106.3 159.5
51 35.8 32.0 48.0
86 54.4 49.9 74.9



#25
2-Butanone
Concen: 4.616 ug/l
RT: 7.18 min Scan# 917
Delta R.T. -0.01 min
Lab File: VW003587.D
Acq: 27 Jun 2018 00:05

Tgt Ion: 43 Resp: 1707
Ion Ratio Lower Upper
43 100
72 20.6 20.3 30.5





#29

Tetrahydrofuran

Concen: 1.199 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW003587.D

Acq: 27 Jun 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

EPE-105-4(95-97)

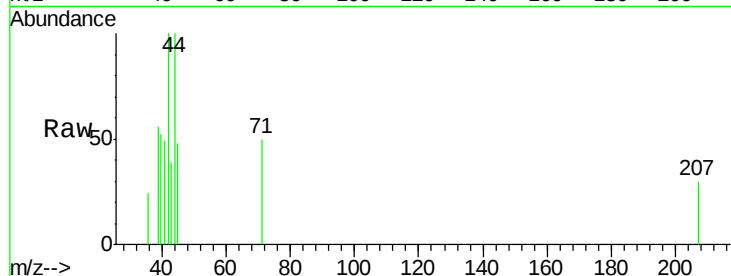
Tgt Ion: 42 Resp: 271

Ion Ratio Lower Upper

42 100

72 0.0 32.4 48.6#

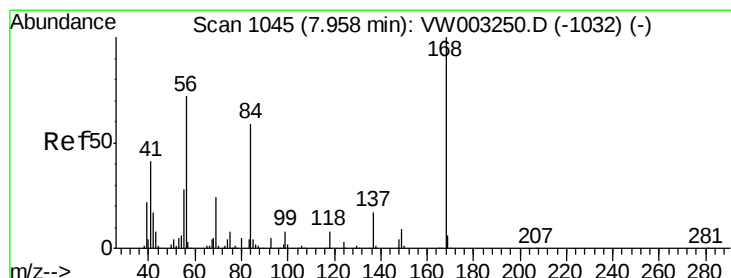
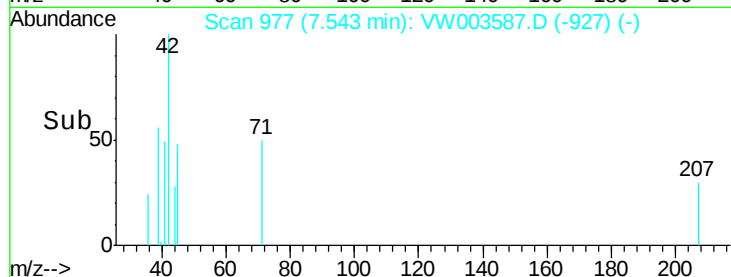
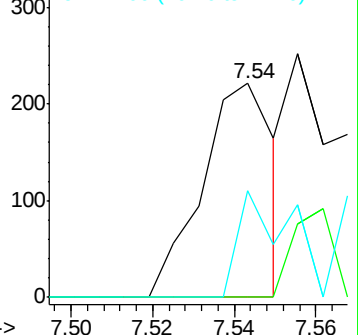
71 35.1 31.2 46.8



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: 1.476 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003587.D

Acq: 27 Jun 2018 00:05

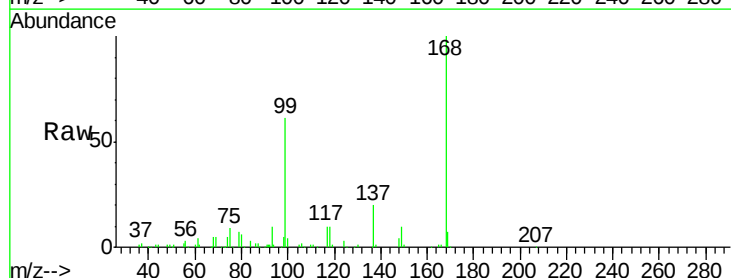
Tgt Ion: 56 Resp: 3383

Ion Ratio Lower Upper

56 100

69 165.8 26.3 39.5#

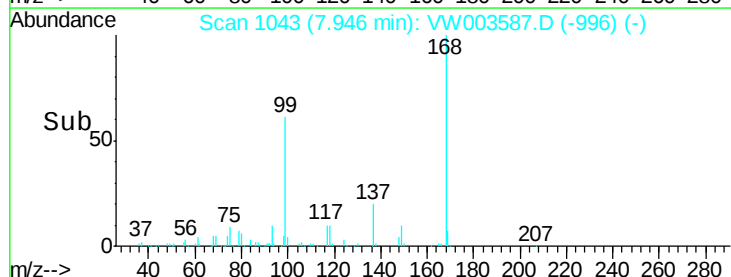
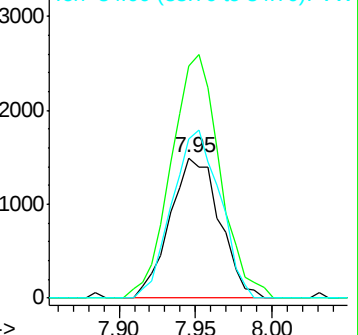
84 114.1 65.7 98.5#

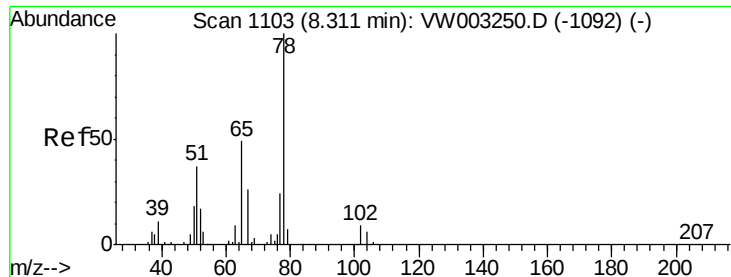


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

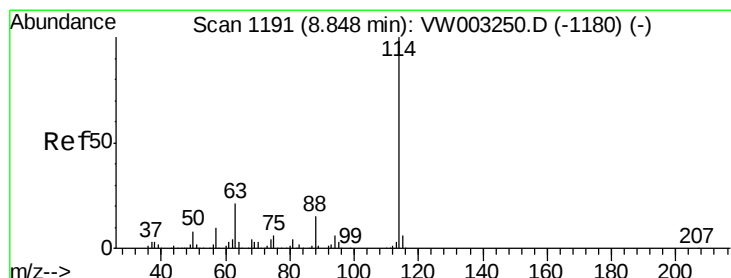
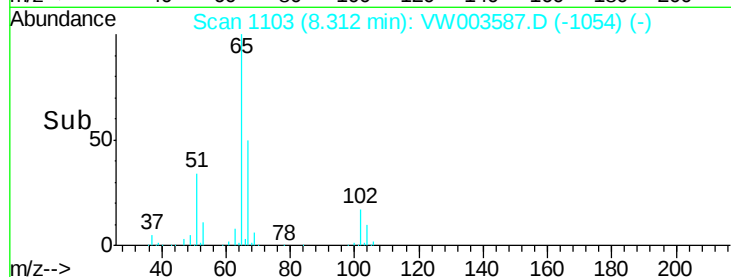
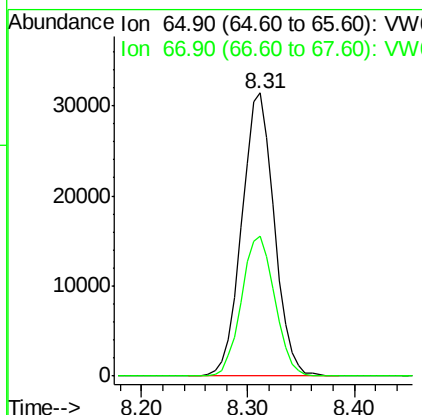
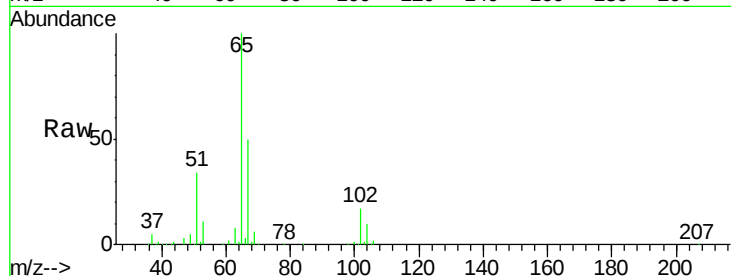




#33
 1,2-Dichloroethane-d4
 Concen: 47.421 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003587.D
 Acq: 27 Jun 2018 00:05

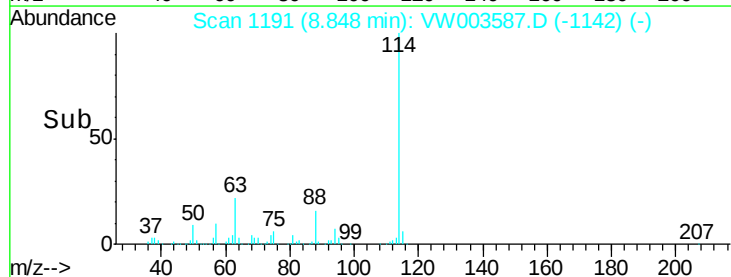
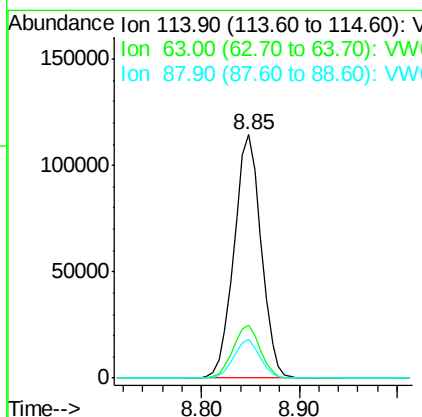
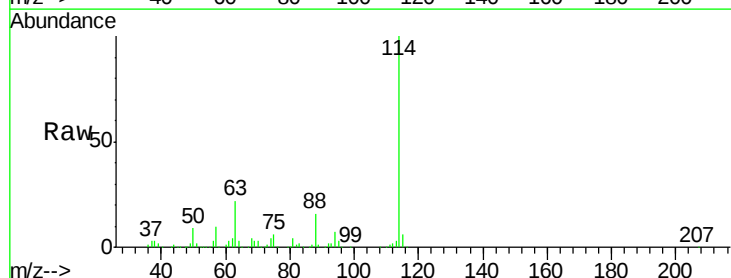
Instrument :
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 EPE-105-4(95-97)

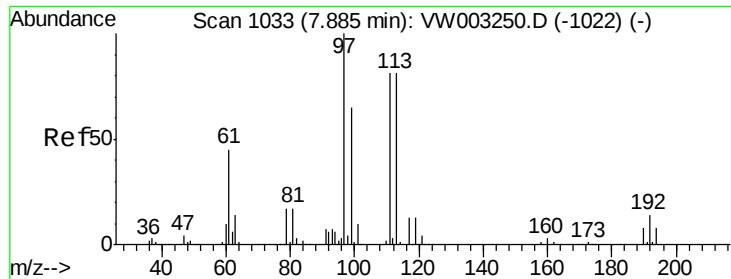
Tgt Ion: 65 Resp: 67241
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003587.D
 Acq: 27 Jun 2018 00:05

Tgt Ion: 114 Resp: 220201
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 43.0
 88 15.9 0.0 29.6

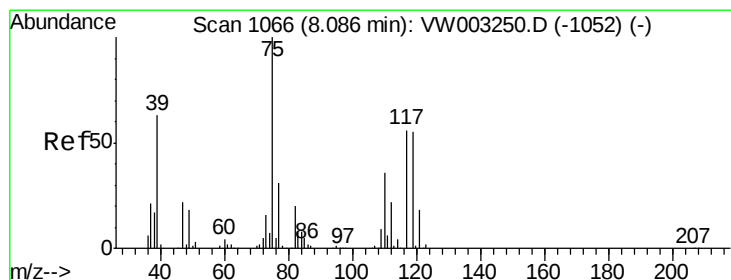
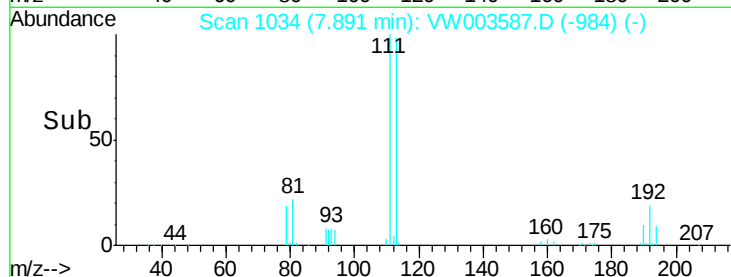
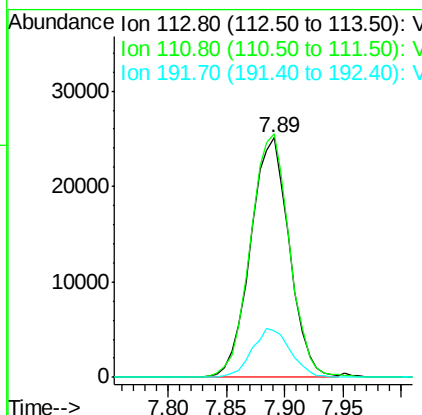
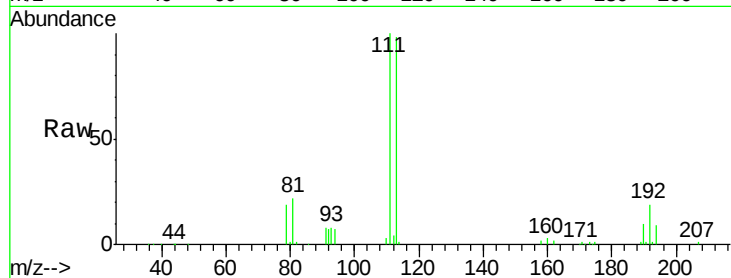




#35
 Dibromofluoromethane
 Concen: 42.535 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003587.D
 Acq: 27 Jun 2018 00:05

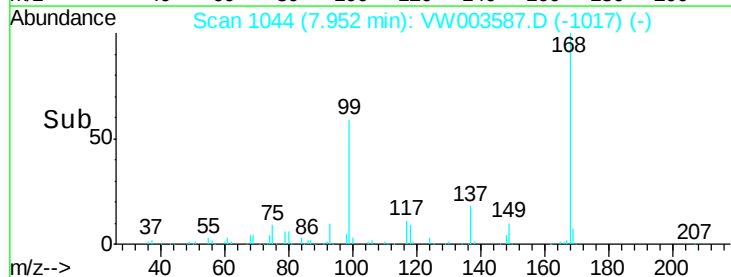
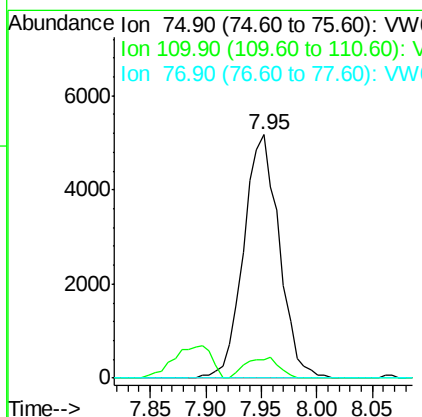
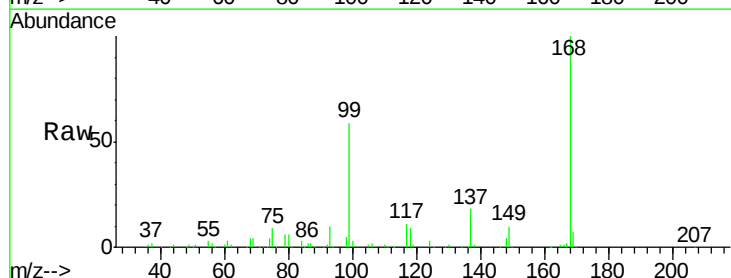
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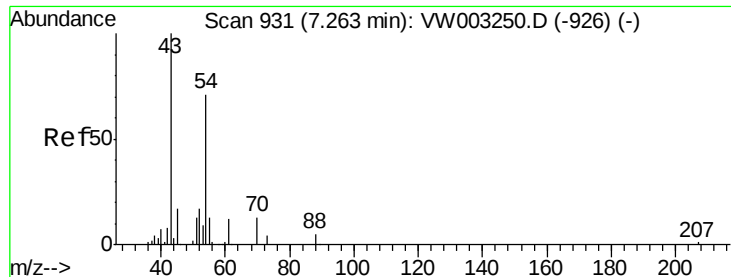
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.2
192	20.2	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 5.405 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003587.D
 Acq: 27 Jun 2018 00:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.1	17.1	51.3#
77	0.0	24.9	37.3#

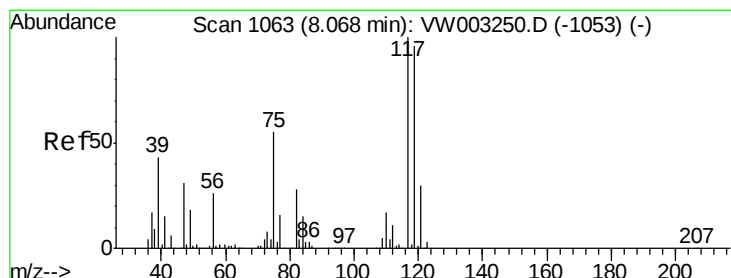
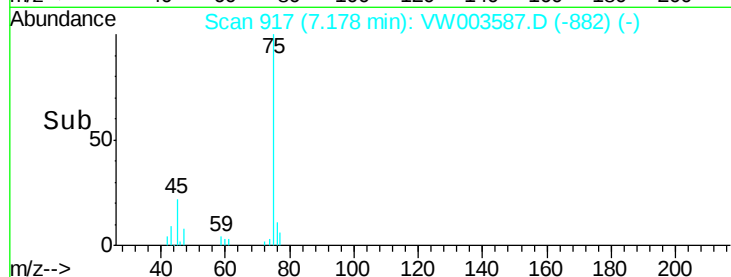
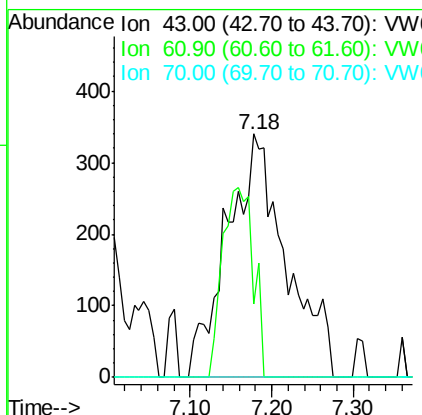
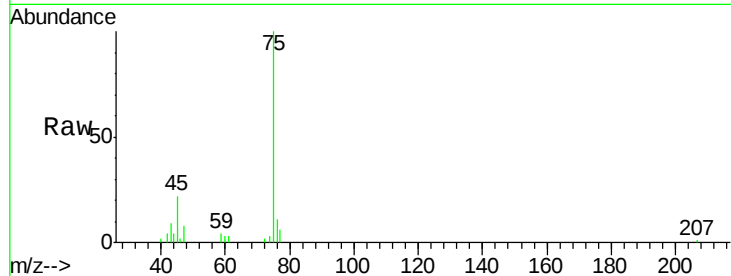




#37
 Ethyl Acetate
 Concen: 1.938 ug/l
 RT: 7.18 min Scan# 917
 Delta R.T. -0.09 min
 Lab File: VW003587.D
 Acq: 27 Jun 2018 00:05

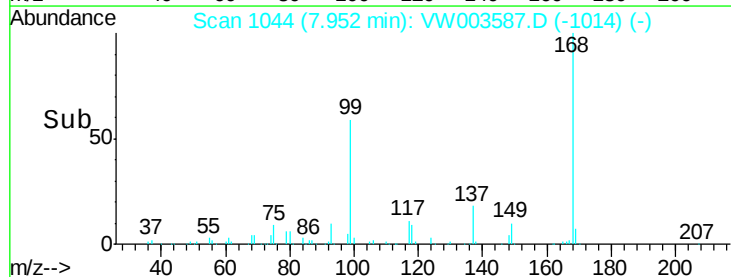
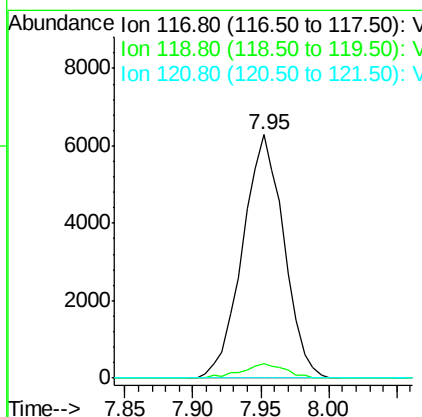
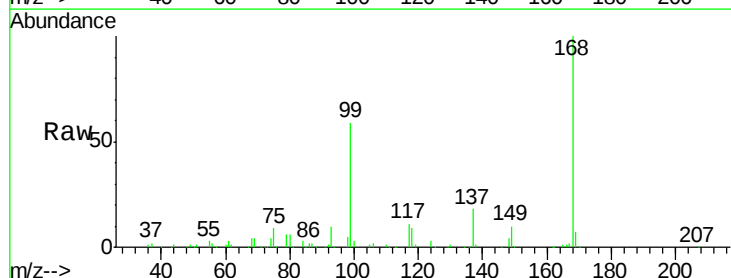
Instrument :
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 EPE-105-4(95-97)

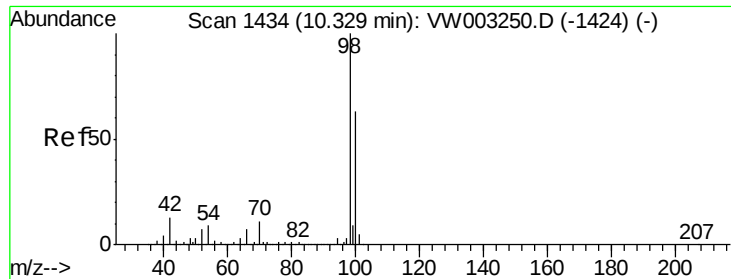
Tgt Ion: 43 Resp: 1707
 Ion Ratio Lower Upper
 43 100
 61 40.4 10.8 16.2#
 70 0.0 7.8 11.6#



#38
 Carbon Tetrachloride
 Concen: 6.422 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW003587.D
 Acq: 27 Jun 2018 00:05

Tgt Ion: 117 Resp: 13395
 Ion Ratio Lower Upper
 117 100
 119 5.9 76.6 115.0#
 121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 34.240 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003587.D

Acq: 27 Jun 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

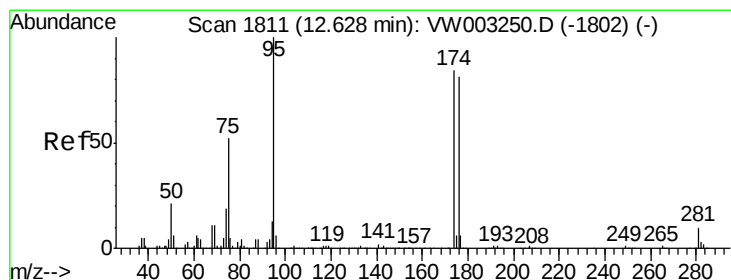
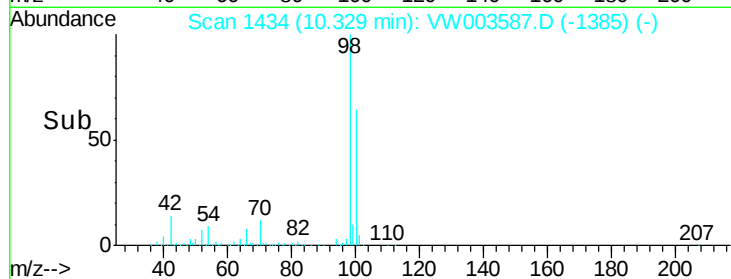
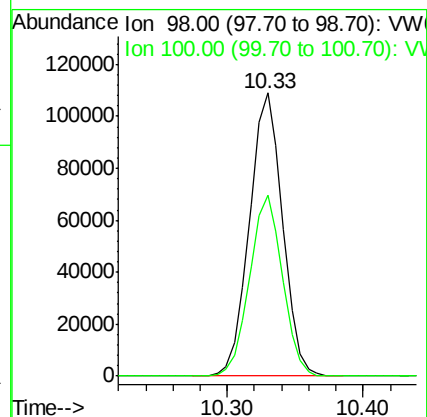
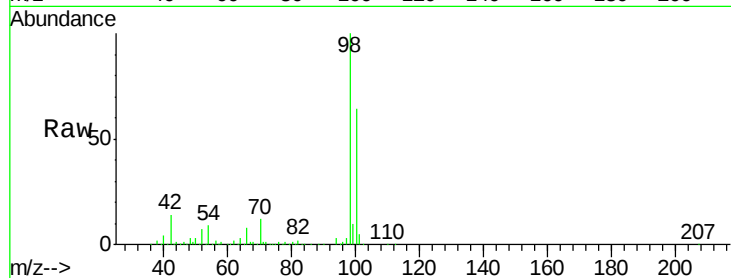
EPE-105-4(95-97)

Tgt Ion: 98 Resp: 185768

Ion Ratio Lower Upper

98 100

100 63.5 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 33.726 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW003587.D

Acq: 27 Jun 2018 00:05

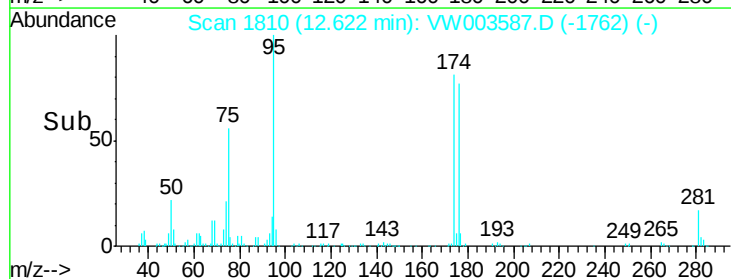
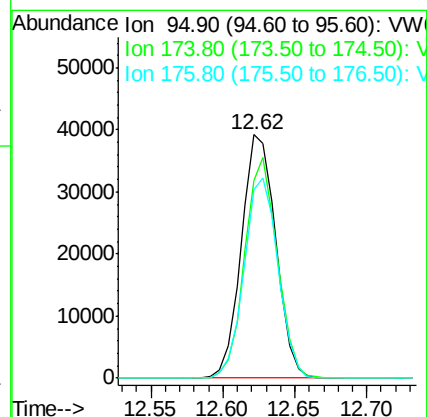
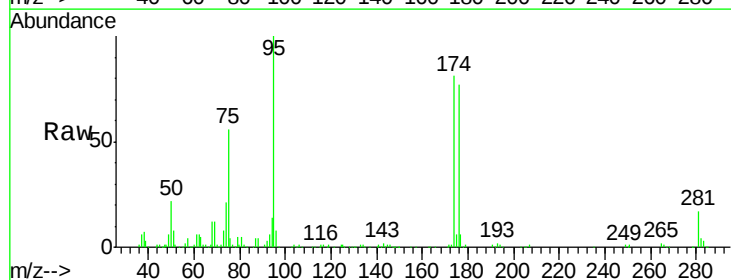
Tgt Ion: 95 Resp: 64755

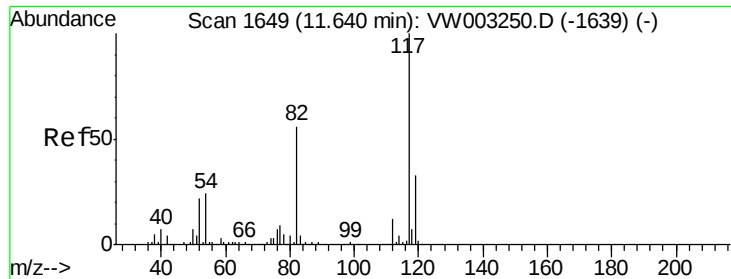
Ion Ratio Lower Upper

95 100

174 85.6 0.0 166.4

176 80.7 0.0 162.0

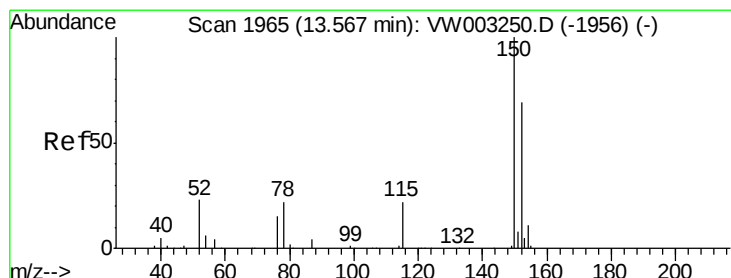
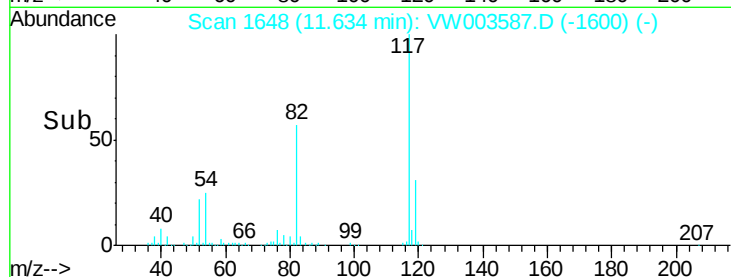
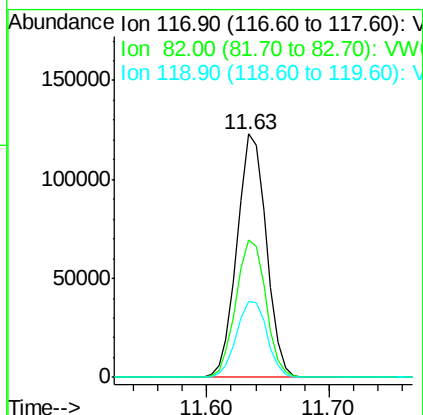
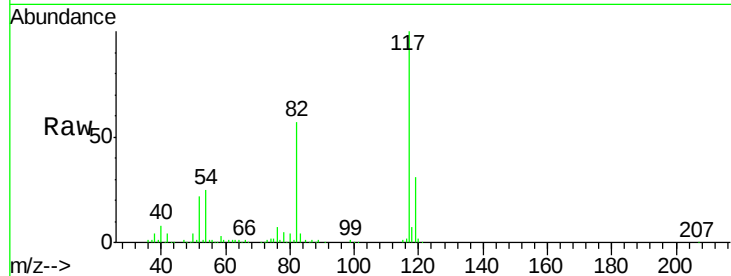




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003587.D
Acq: 27 Jun 2018 00:05

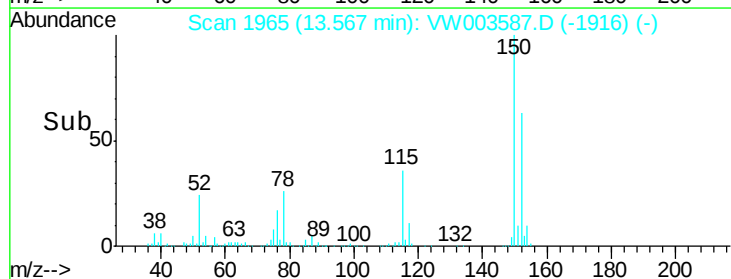
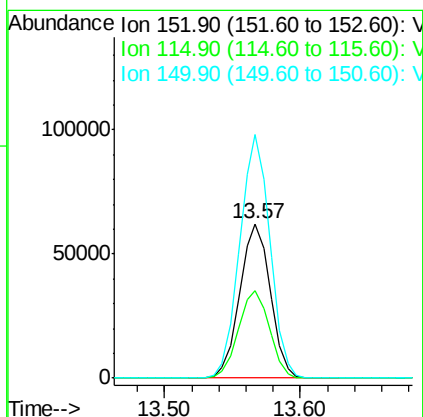
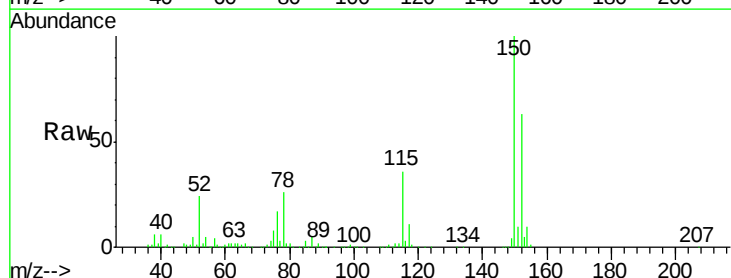
Instrument :
MSVOA_W
ClientSampleId :
EPE-105-4(95-97)

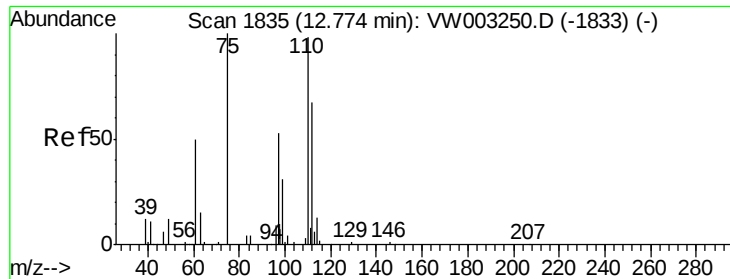
Tgt Ion:117 Resp: 204629
Ion Ratio Lower Upper
117 100
82 56.6 44.6 67.0
119 31.4 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003587.D
Acq: 27 Jun 2018 00:05

Tgt Ion:152 Resp: 97410
Ion Ratio Lower Upper
152 100
115 57.5 29.3 88.0
150 155.8 0.0 349.6

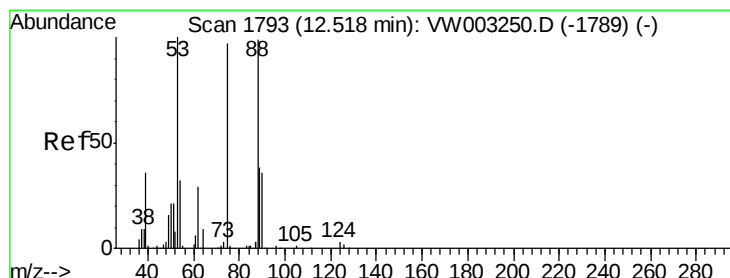
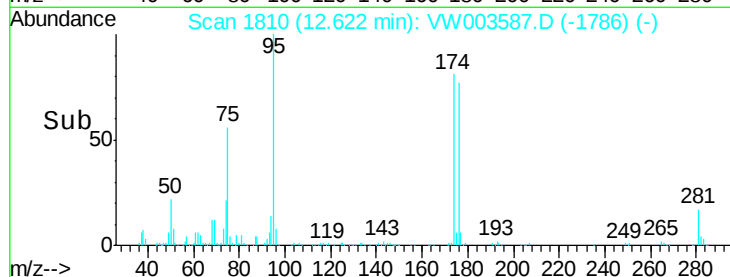
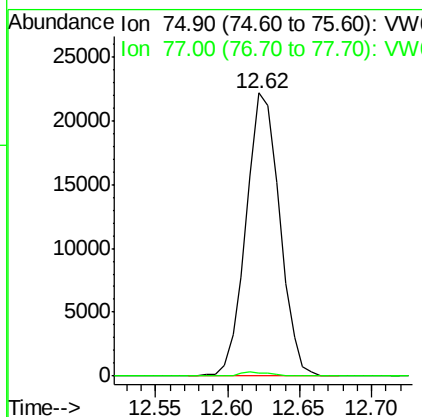
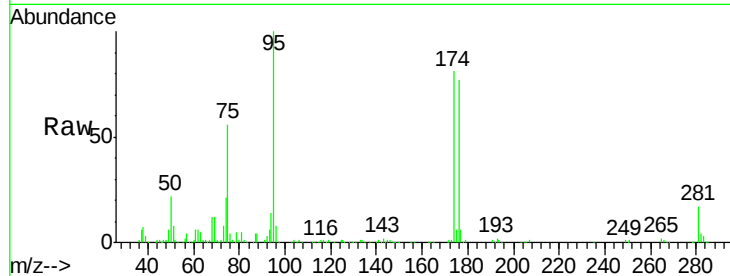




#76
 1,2,3-Trichloropropane
 Concen: 42.924 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW003587.D
 Acq: 27 Jun 2018 00:05

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-105-4(95-97)

Tgt Ion: 75 Resp: 35745
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.771 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW003587.D
 Acq: 27 Jun 2018 00:05

Tgt Ion: 75 Resp: 35745
 Ion Ratio Lower Upper
 75 100
 53 0.1 82.9 124.3#
 89 0.3 36.7 55.1#

