

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
 Data File : VW004608.D
 Acq On : 10 Aug 2018 19:59
 Operator : SY/AP
 Sample : J4398-03RE
 Misc : 6.33G/5ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-P10A(37-42)RE

Quant Time: Aug 11 01:02:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	524338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	935080	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	603384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	91328	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	311094	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	
35) Dibromofluoromethane	7.88	113	303175	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
50) Toluene-d8	10.33	98	884001	37.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.38%	
62) 4-Bromofluorobenzene	12.62	95	128137	14.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	29.94%	

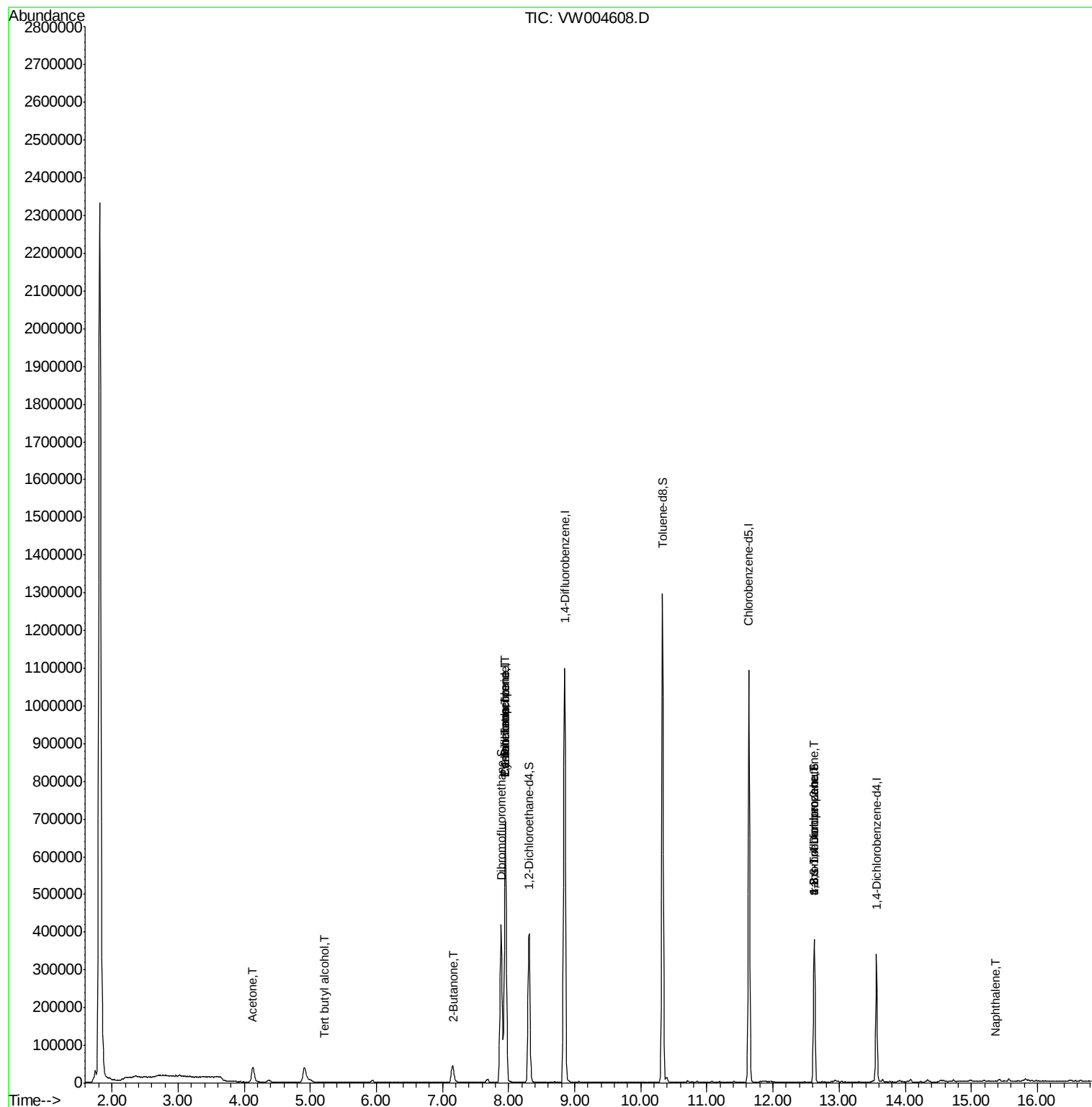
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	1652	4.861	ug/l #	74
16) Acetone	4.14	43	72161	49.783	ug/l	100
20) Methylene Chloride	4.92	84	35868	Below Cal		96
25) 2-Butanone	7.17	43	2839	1.218	ug/l #	84
31) Cyclohexane	7.95	56	11052	1.016	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	40655	4.038	ug/l #	49
38) Carbon Tetrachloride	7.95	117	49165	5.427	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	60478	63.995	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	60478	153.196	ug/l #	12
95) Naphthalene	15.38	128	1542	3.271	ug/l #	95

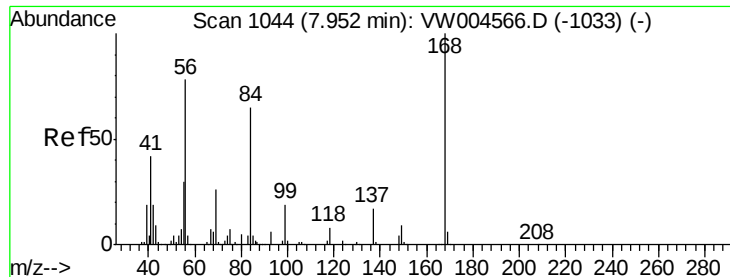
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
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QLast Update : Tue Aug 07 08:22:01 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: VW004608.D

Acq: 10 Aug 2018 19:59

Instrument :

MSVOA_W

ClientSampleId :

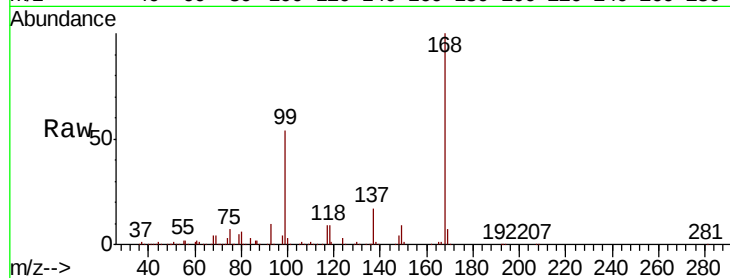
EPE-P10A(37-42)RE

Tgt Ion:168 Resp: 524338

Ion Ratio Lower Upper

168 100

99 54.3 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

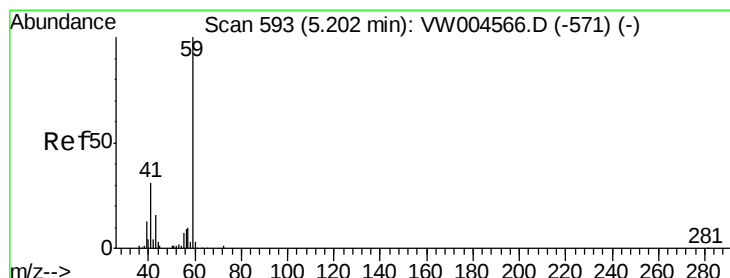
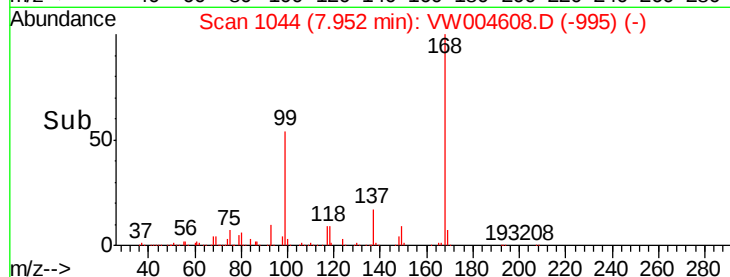
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 4.861 ug/l

RT: 5.21 min Scan# 595

Delta R.T. 0.00 min

Lab File: VW004608.D

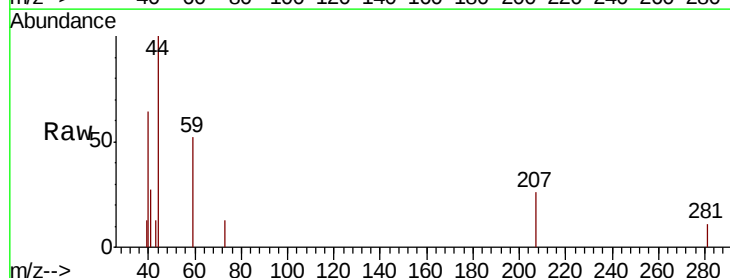
Acq: 10 Aug 2018 19:59

Tgt Ion: 59 Resp: 1652

Ion Ratio Lower Upper

59 100

57 1.6 9.1 13.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.21

500

400

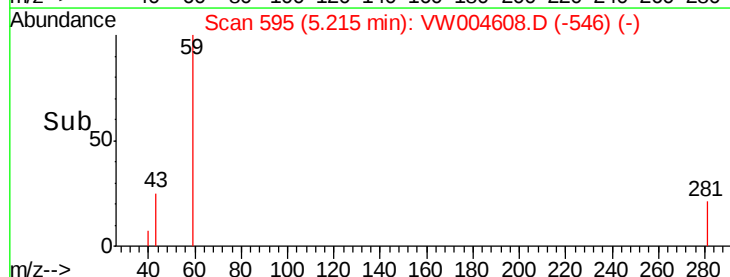
300

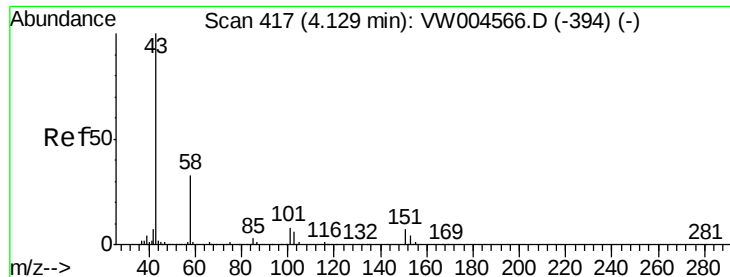
200

100

0

Time-->





#16

Acetone

Concen: 49.783 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.00 min

Lab File: VW004608.D

Acq: 10 Aug 2018 19:59

Instrument :

MSVOA_W

ClientSampleId :

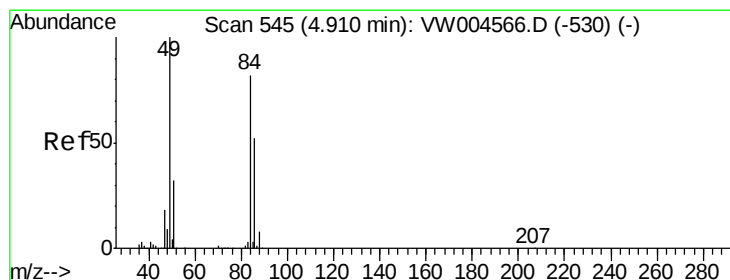
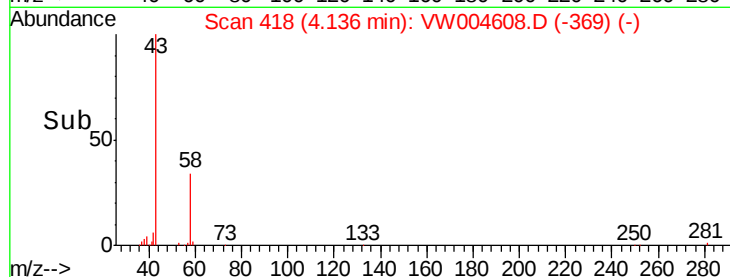
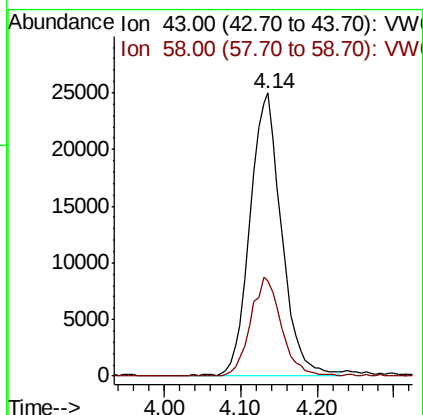
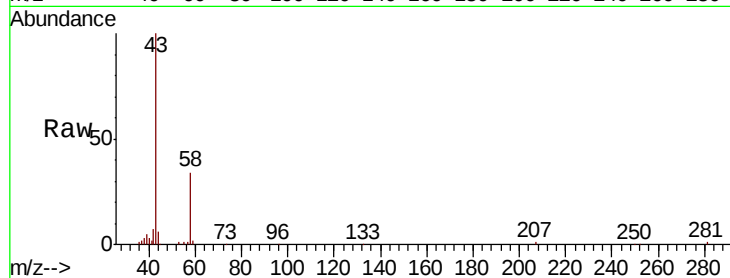
EPE-P10A(37-42)RE

Tgt Ion: 43 Resp: 72161

Ion Ratio Lower Upper

43 100

58 33.6 26.8 40.2



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW004608.D

Acq: 10 Aug 2018 19:59

Tgt Ion: 84 Resp: 35868

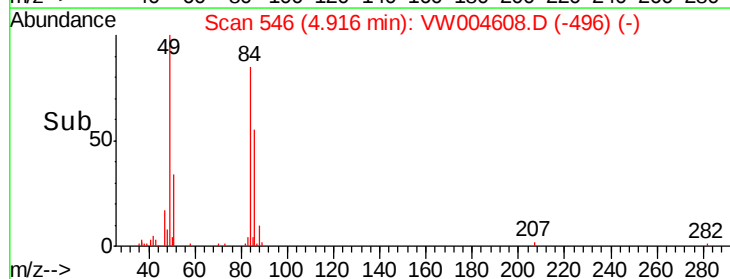
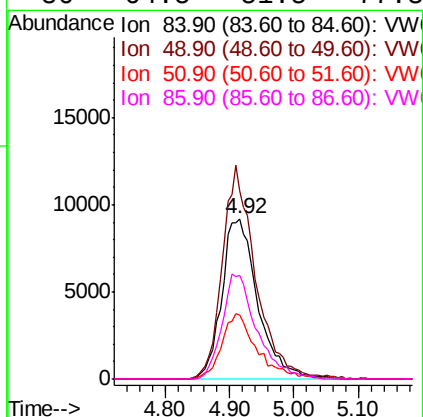
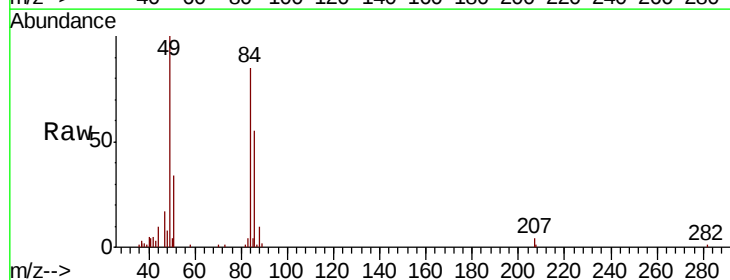
Ion Ratio Lower Upper

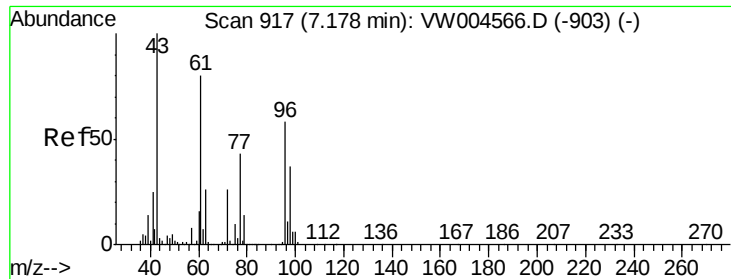
84 100

49 117.9 99.6 149.4

51 40.2 31.0 46.4

86 64.5 51.5 77.3

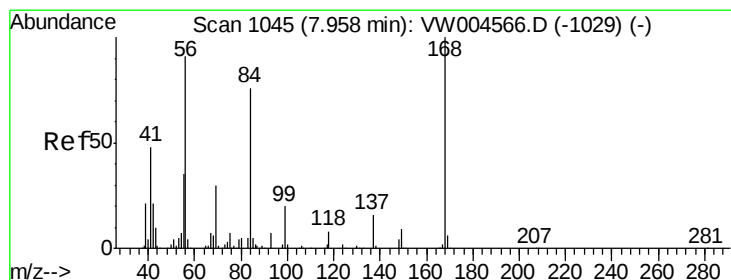
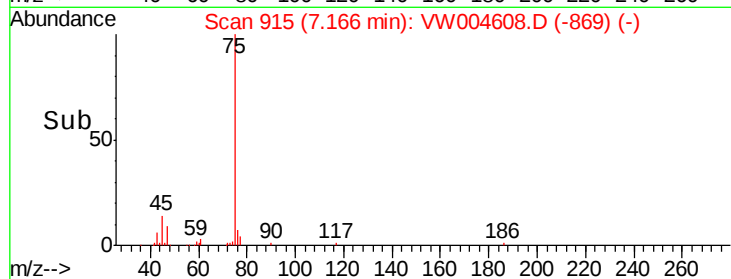
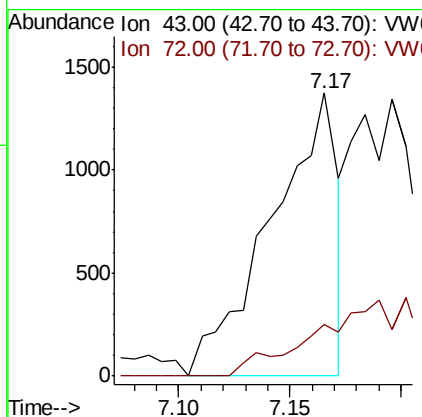
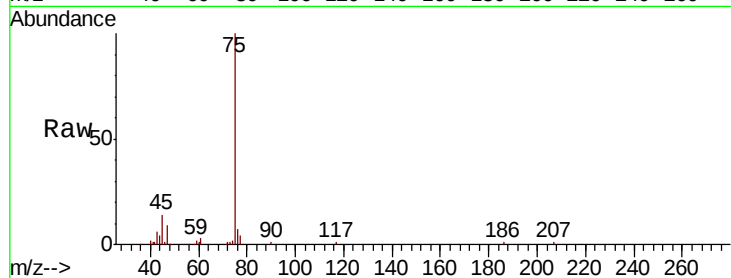




#25
2-Butanone
Concen: 1.218 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.02 min
Lab File: VW004608.D
Acq: 10 Aug 2018 19:59

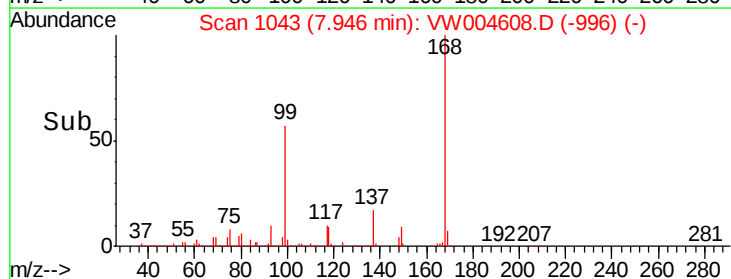
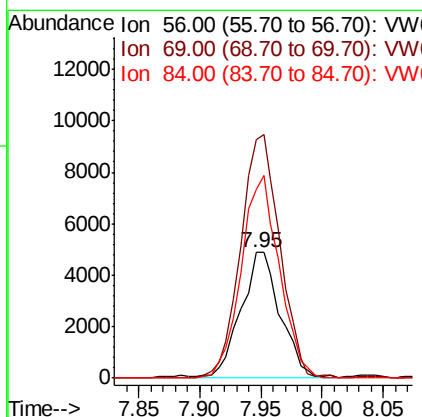
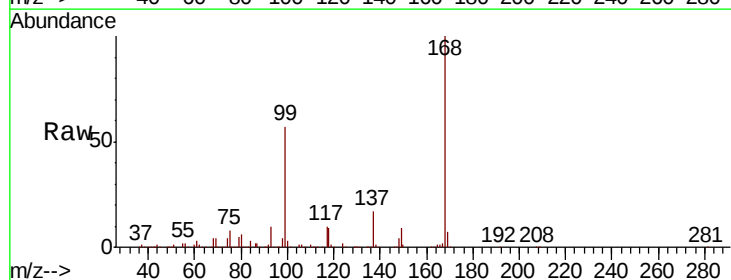
Instrument :
MSVOA_W
ClientSampleId :
EPE-P10A(37-42)RE

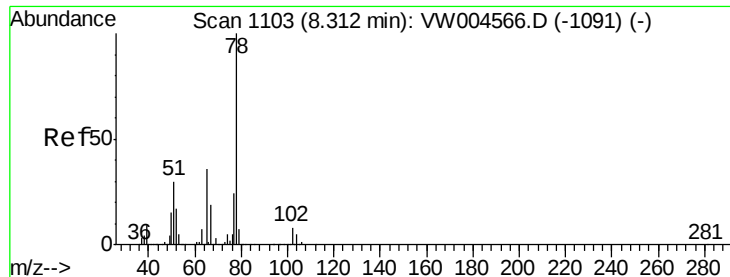
Tgt Ion: 43 Resp: 2839
Ion Ratio Lower Upper
43 100
72 18.4 21.0 31.6#



#31
Cyclohexane
Concen: 1.016 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW004608.D
Acq: 10 Aug 2018 19:59

Tgt Ion: 56 Resp: 11052
Ion Ratio Lower Upper
56 100
69 190.4 26.4 39.6#
84 150.7 66.9 100.3#

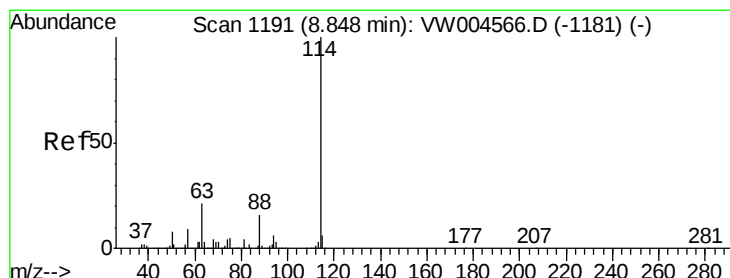
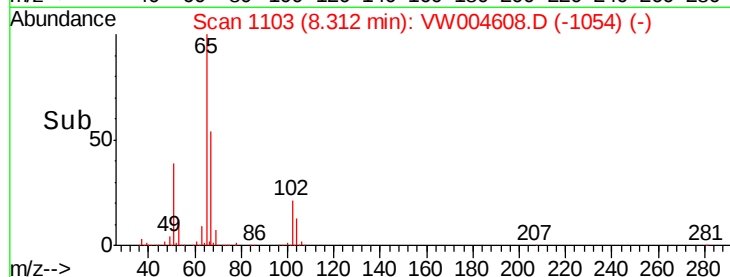
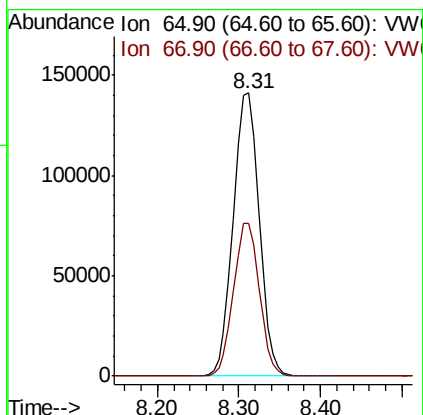
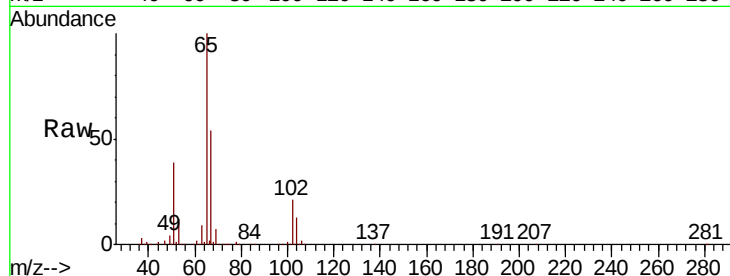




#33
 1,2-Dichloroethane-d4
 Concen: 53.598 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004608.D
 Acq: 10 Aug 2018 19:59

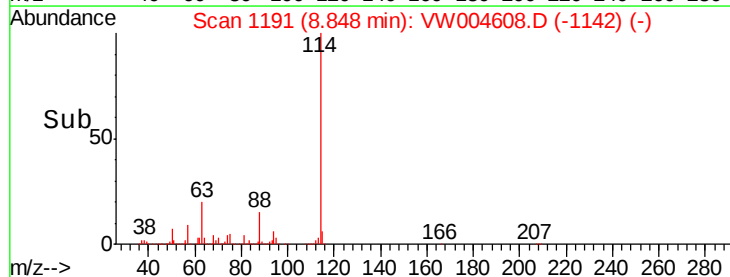
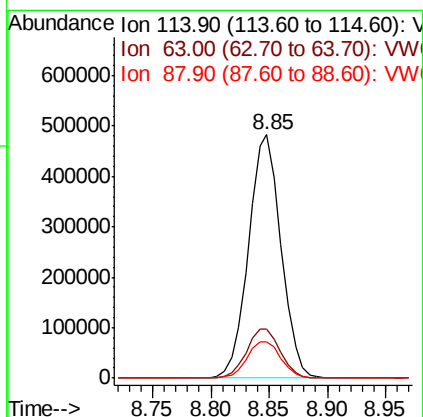
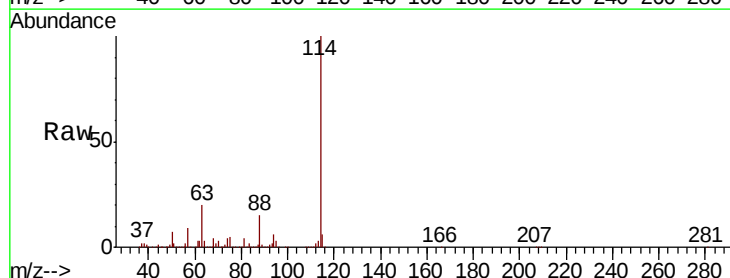
Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-P10A(37-42)RE

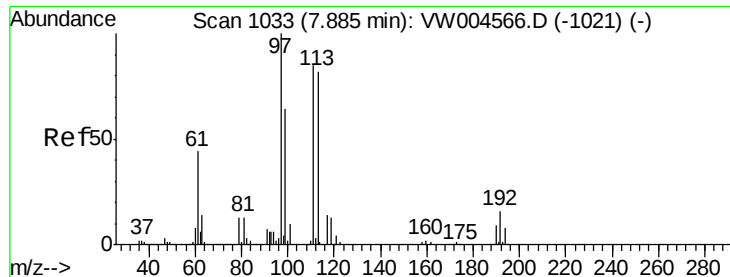
Tgt Ion: 65 Resp: 311094
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004608.D
 Acq: 10 Aug 2018 19:59

Tgt Ion: 114 Resp: 935080
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.4
 88 14.9 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.626 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW004608.D

Acq: 10 Aug 2018 19:59

Instrument :

MSVOA_W

ClientSampleId :

EPE-P10A(37-42)RE

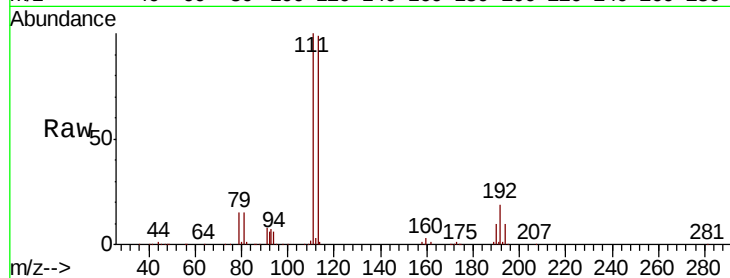
Tgt Ion:113 Resp: 303175

Ion Ratio Lower Upper

113 100

111 101.7 82.9 124.3

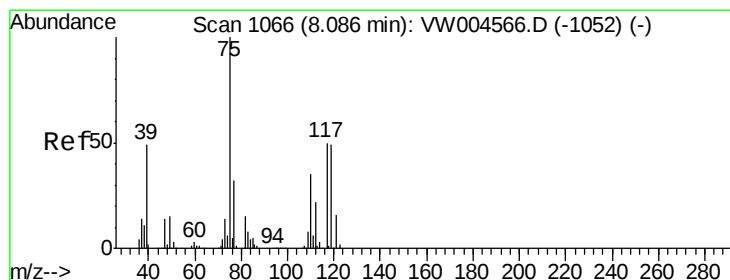
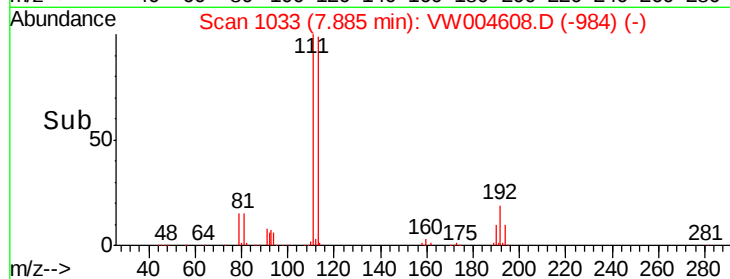
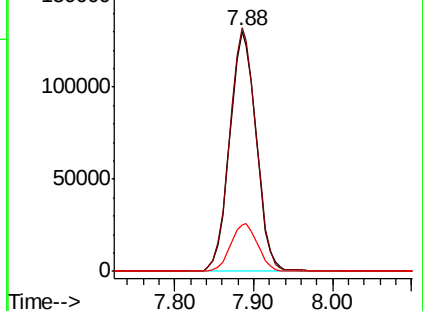
192 20.2 15.8 23.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.038 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.13 min

Lab File: VW004608.D

Acq: 10 Aug 2018 19:59

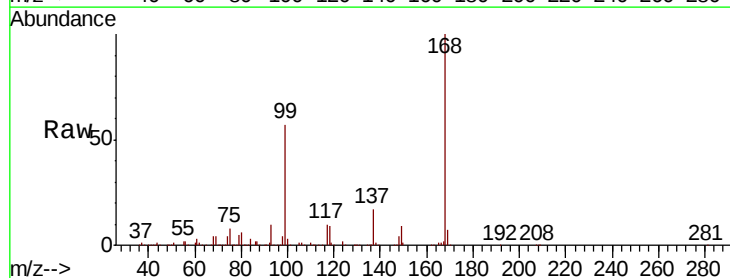
Tgt Ion: 75 Resp: 40655

Ion Ratio Lower Upper

75 100

110 8.1 17.4 52.2#

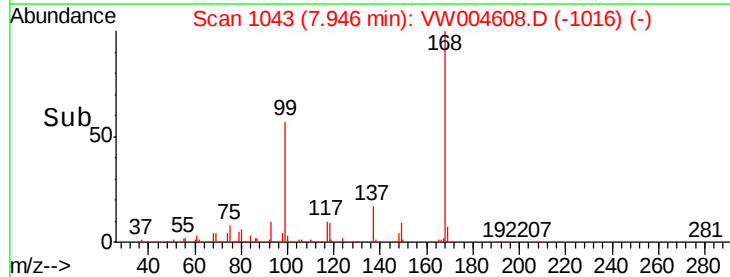
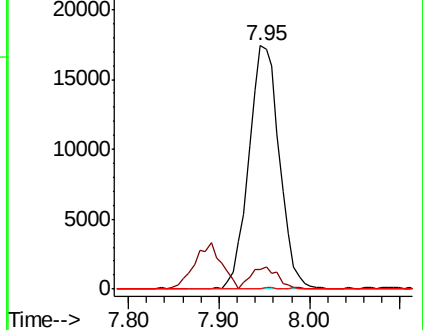
77 0.2 24.7 37.1#

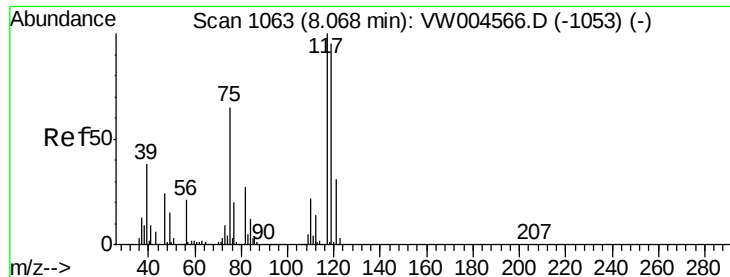


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

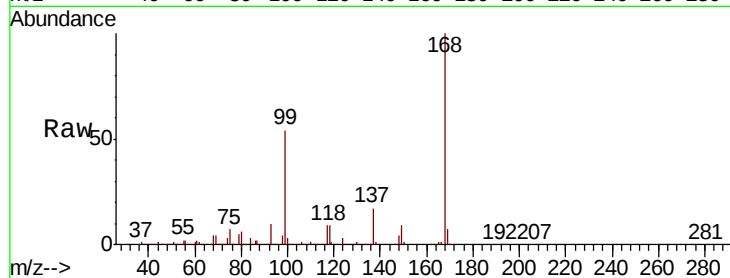




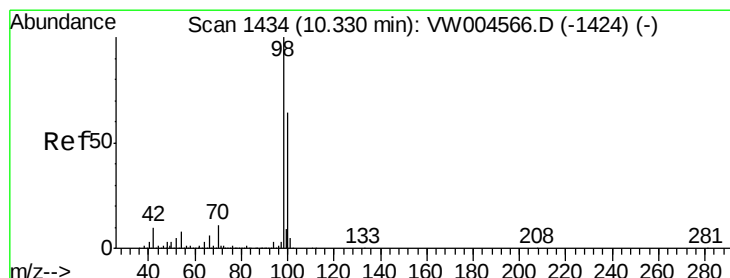
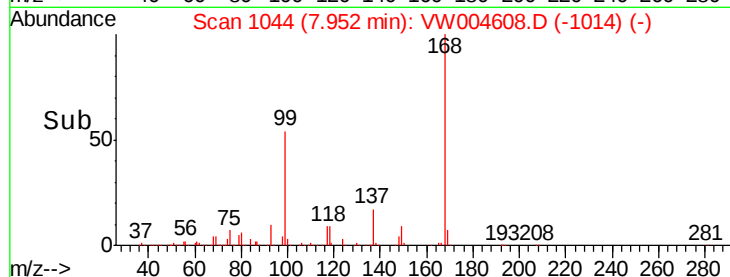
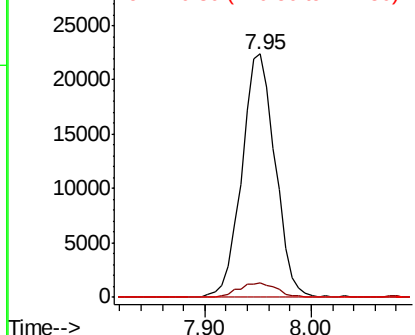
#38
Carbon Tetrachloride
Concen: 5.427 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW004608.D
Acq: 10 Aug 2018 19:59

Instrument :
MSVOA_W
ClientSampleId :
EPE-P10A(37-42)RE

Tgt Ion:117 Resp: 49165
Ion Ratio Lower Upper
117 100
119 5.8 76.1 114.1#
121 0.0 24.2 36.4#

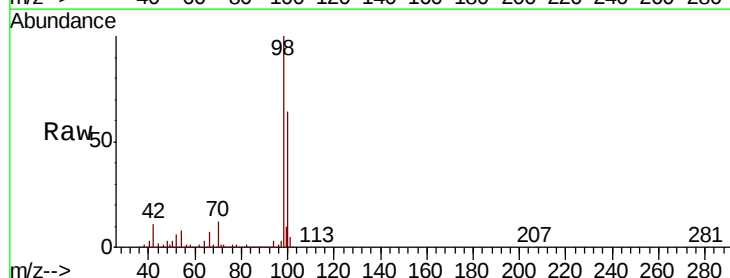


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

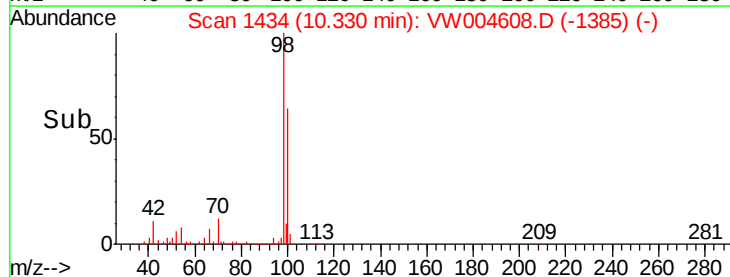
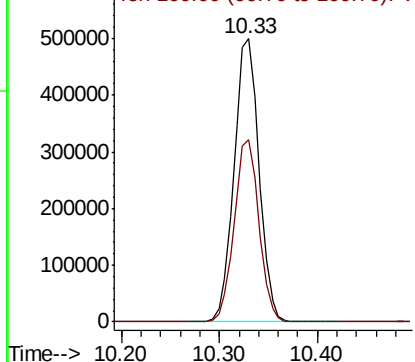


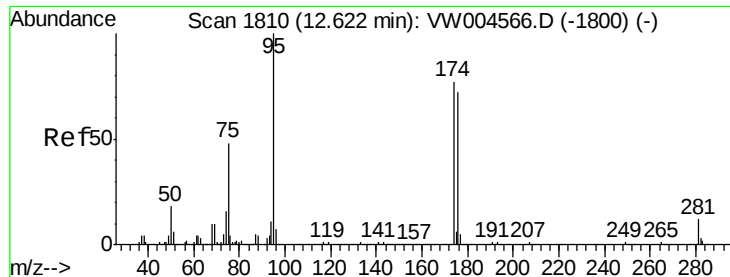
#50
Toluene-d8
Concen: 37.191 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004608.D
Acq: 10 Aug 2018 19:59

Tgt Ion: 98 Resp: 884001
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V

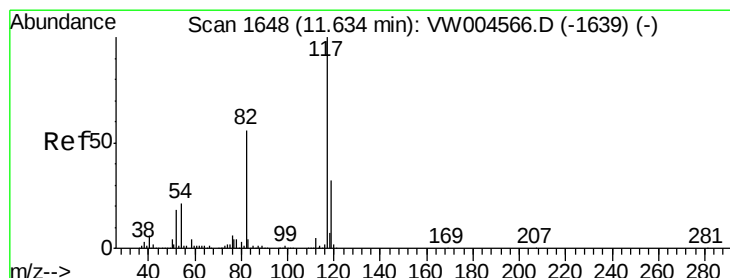
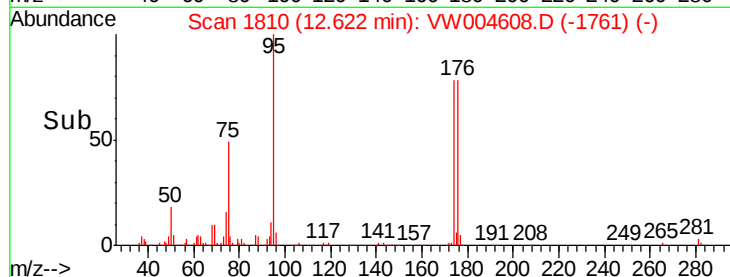
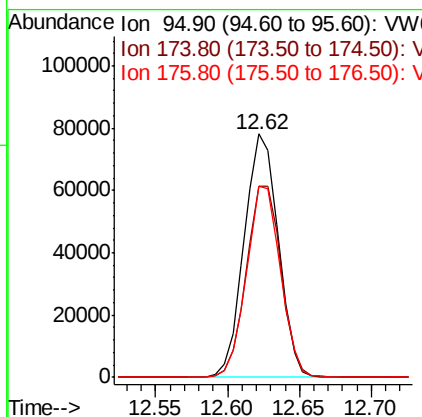
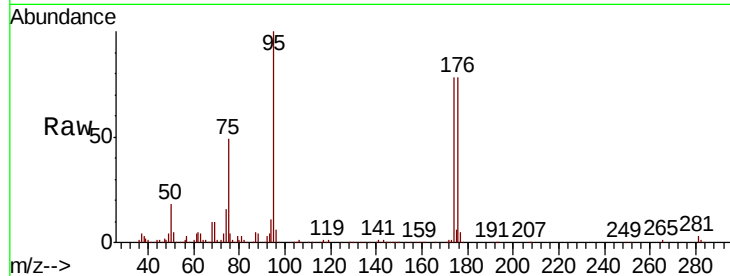




#62
4-Bromofluorobenzene
Concen: 14.966 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004608.D
Acq: 10 Aug 2018 19:59

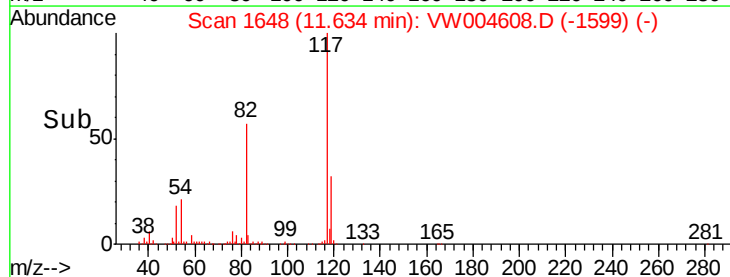
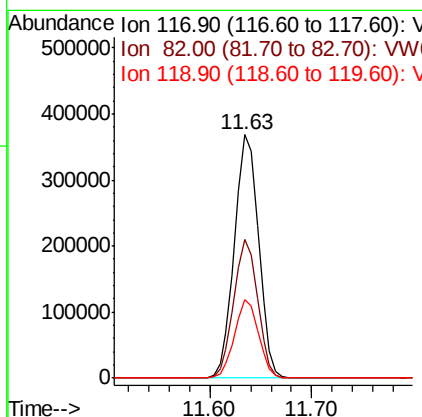
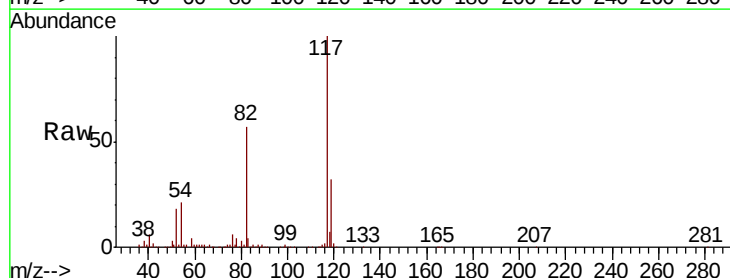
Instrument :
MSVOA_W
ClientSampleId :
EPE-P10A(37-42)RE

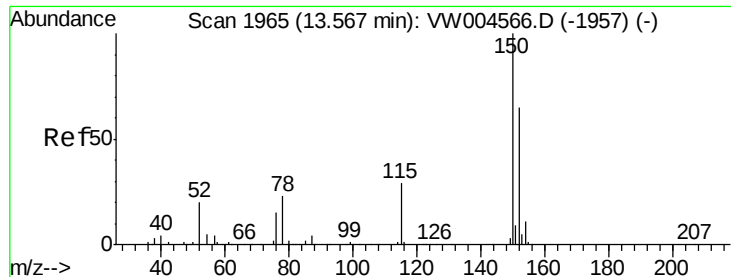
Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.2	0.0	160.4
176	78.1	0.0	153.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004608.D
Acq: 10 Aug 2018 19:59

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.7	45.3	67.9
119	32.2	26.2	39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004608.D

Acq: 10 Aug 2018 19:59

Instrument :

MSVOA_W

ClientSampleId :

EPE-P10A(37-42)RE

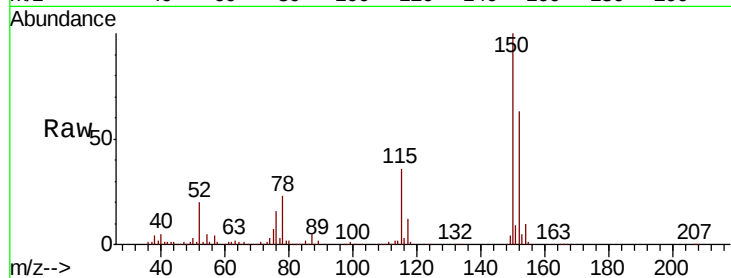
Tgt Ion:152 Resp: 91328

Ion Ratio Lower Upper

152 100

115 57.7 29.1 87.3

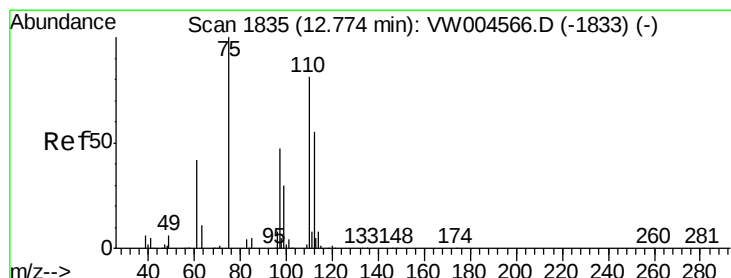
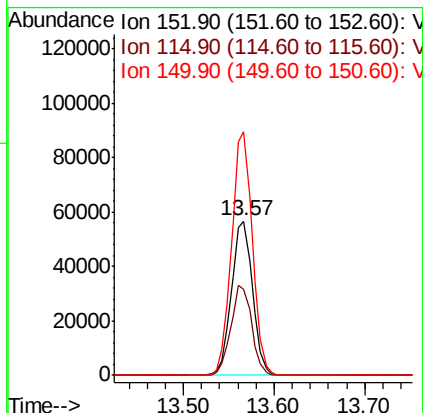
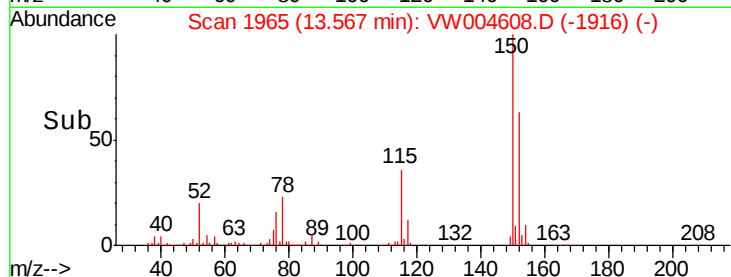
150 155.2 0.0 349.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 63.995 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004608.D

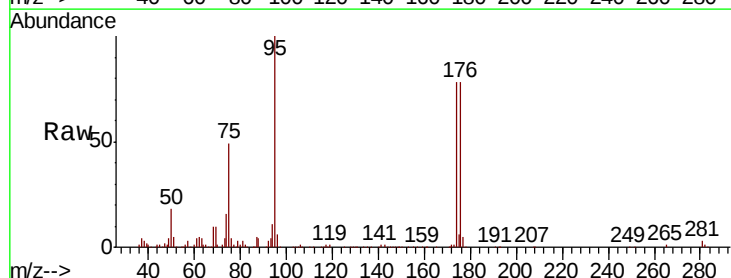
Acq: 10 Aug 2018 19:59

Tgt Ion: 75 Resp: 60478

Ion Ratio Lower Upper

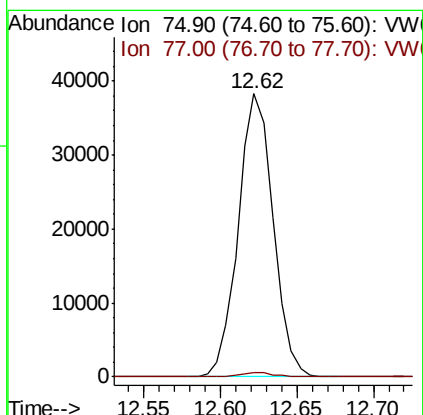
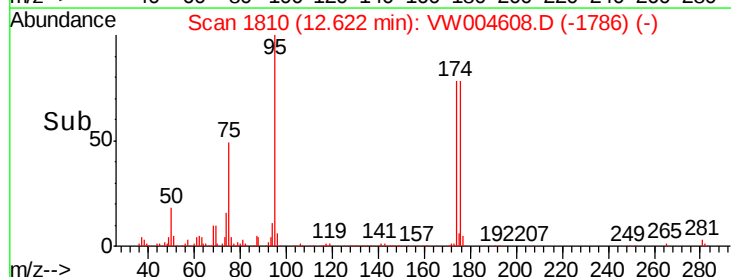
75 100

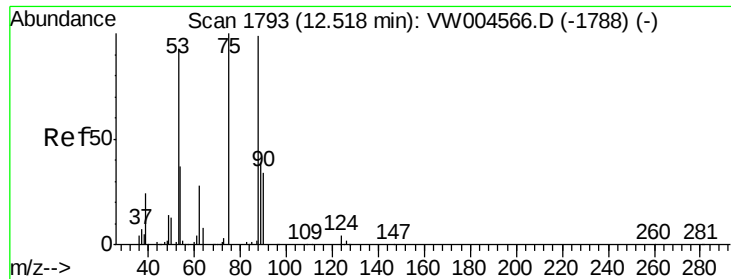
77 1.6 0.0 0.0#



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: 153.196 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004608.D

Acq: 10 Aug 2018 19:59

Instrument :

MSVOA_W

ClientSampleId :

EPE-P10A(37-42)RE

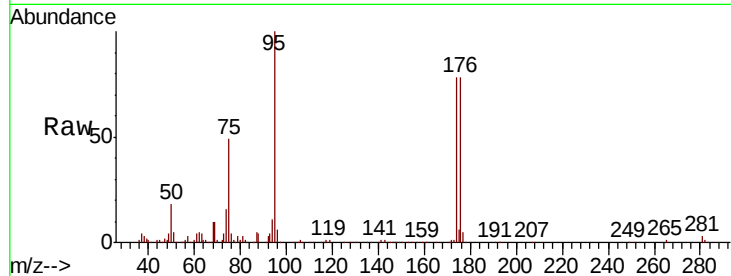
Tgt Ion: 75 Resp: 60478

Ion Ratio Lower Upper

75 100

53 0.2 74.4 111.6#

89 0.0 35.9 53.9#

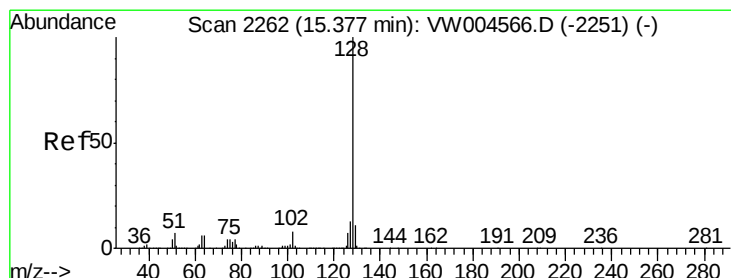
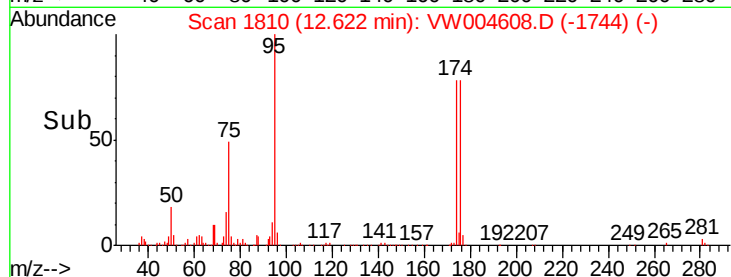
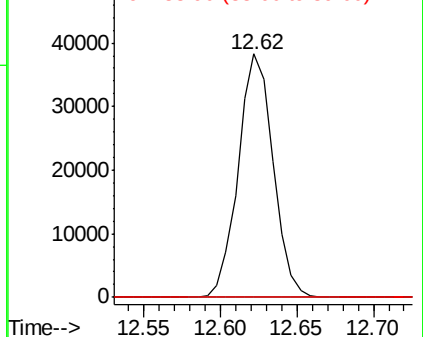


Abundance

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



#95

Naphthalene

Concen: 3.271 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004608.D

Acq: 10 Aug 2018 19:59

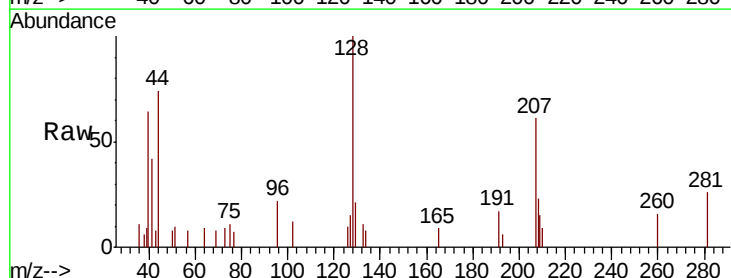
Tgt Ion: 128 Resp: 1542

Ion Ratio Lower Upper

128 100

127 11.1 10.3 15.5

129 13.3 8.6 13.0#



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

