

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081218\
 Data File : VW004576.D
 Acq On : 10 Aug 2018 02:52
 Operator : SY/AP
 Sample : J4398-03
 Misc : 6.63G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Aug 10 03:53:07 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	522397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	923453	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	681375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	163309	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	323149	55.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.76%	
35) Dibromofluoromethane	7.88	113	323134	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
50) Toluene-d8	10.33	98	983623	41.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.80%	
62) 4-Bromofluorobenzene	12.62	95	195487	23.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	46.24%	

Target Compounds

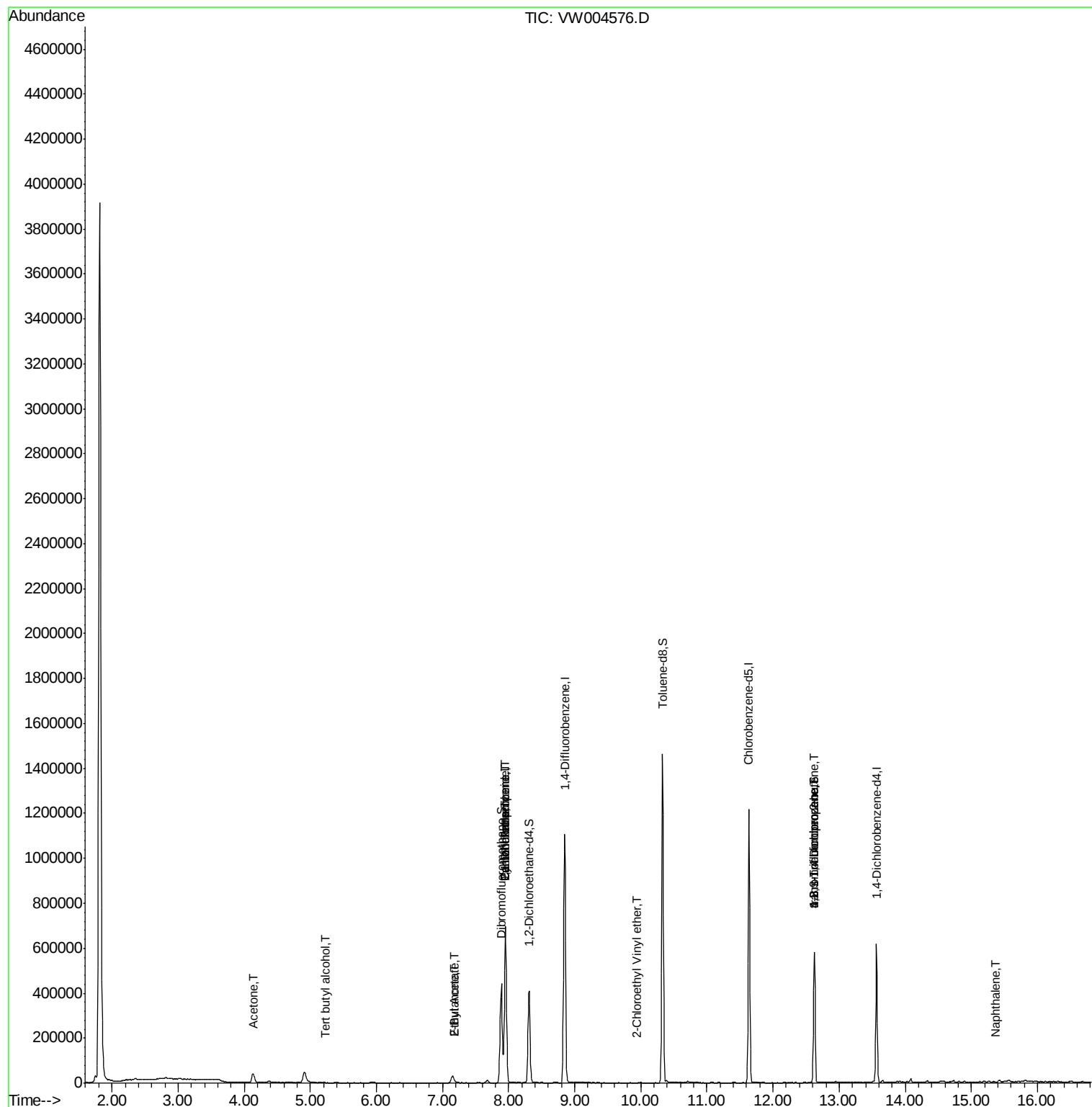
					Qvalue	
11) Tert butyl alcohol	5.21	59	430	1.270	ug/l #	87
16) Acetone	4.14	43	71687	49.639	ug/l	97
20) Methylene Chloride	4.90	84	40278	Below Cal		93
25) 2-Butanone	7.19	43	4948	2.130	ug/l	91
31) Cyclohexane	7.95	56	10886	1.005	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	41380	4.162	ug/l #	48
37) Ethyl Acetate	7.19	43	4948	1.063	ug/l #	68
38) Carbon Tetrachloride	7.95	117	49690	5.554	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.93	63	77	8.966	ug/l #	48
76) 1,2,3-Trichloropropane	12.62	75	95488	56.506	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	95488	135.267	ug/l #	13
95) Naphthalene	15.37	128	915	3.033	ug/l #	81

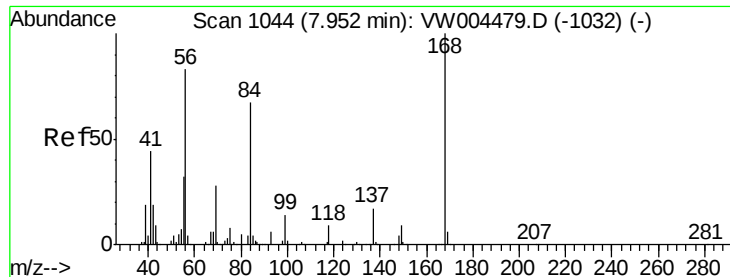
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004576.D

Acq: 10 Aug 2018 02:52

Instrument :

MSVOA_W

ClientSampleId :

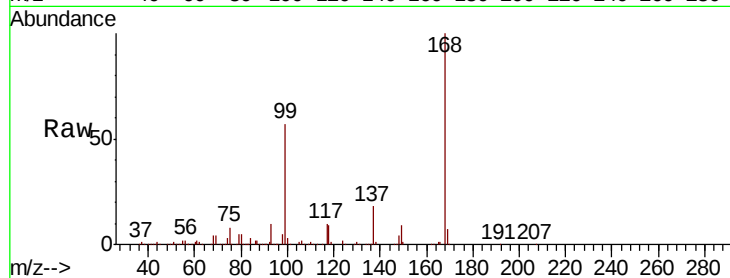
EPE-P10A(37-42)

Tgt Ion:168 Resp: 522397

Ion Ratio Lower Upper

168 100

99 56.8 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

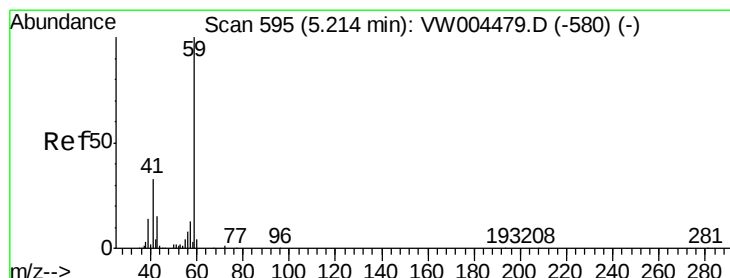
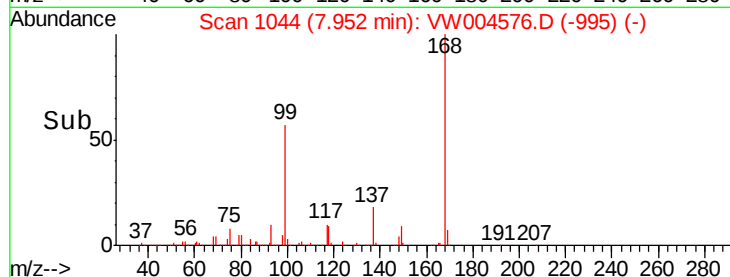
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 1.270 ug/l

RT: 5.21 min Scan# 595

Delta R.T. 0.00 min

Lab File: VW004576.D

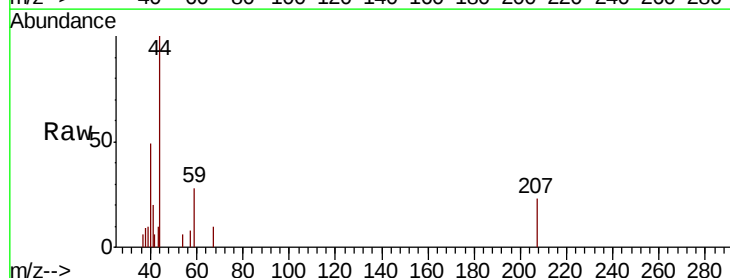
Acq: 10 Aug 2018 02:52

Tgt Ion: 59 Resp: 430

Ion Ratio Lower Upper

59 100

57 16.3 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

300

250

200

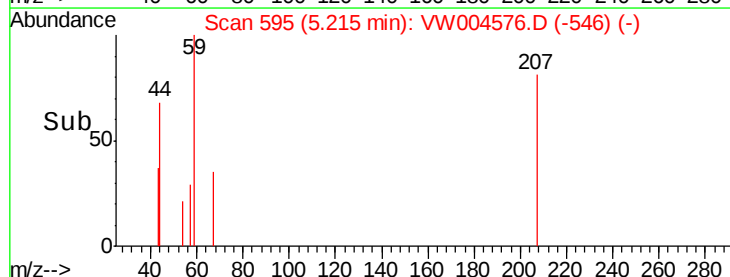
150

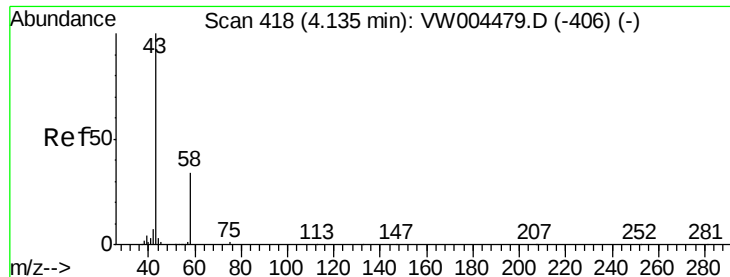
100

50

0

Time--> 5.20 5.25





#16

Acetone

Concen: 49.639 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.00 min

Lab File: VW004576.D

Acq: 10 Aug 2018 02:52

Instrument :

MSVOA_W

ClientSampleId :

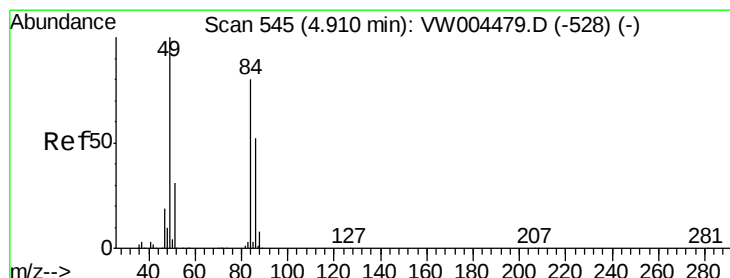
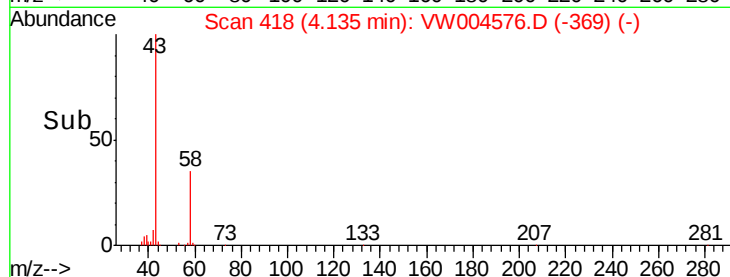
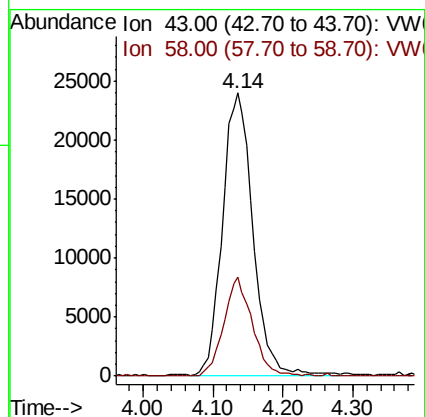
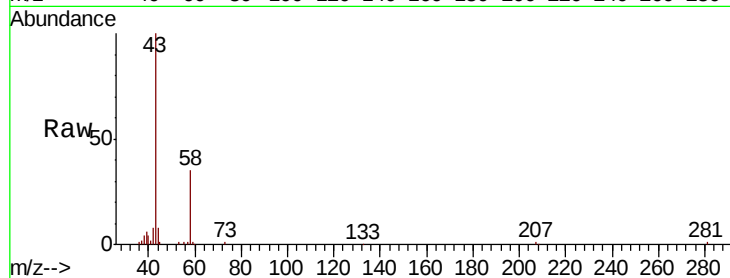
EPE-P10A(37-42)

Tgt Ion: 43 Resp: 71687

Ion Ratio Lower Upper

43 100

58 35.1 26.8 40.2



#20

Methylene Chloride

Concen: Below Cal

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW004576.D

Acq: 10 Aug 2018 02:52

Tgt Ion: 84 Resp: 40278

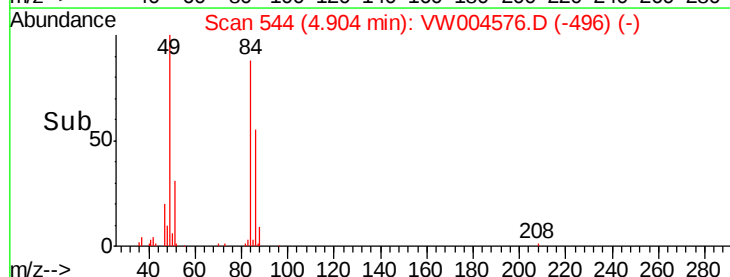
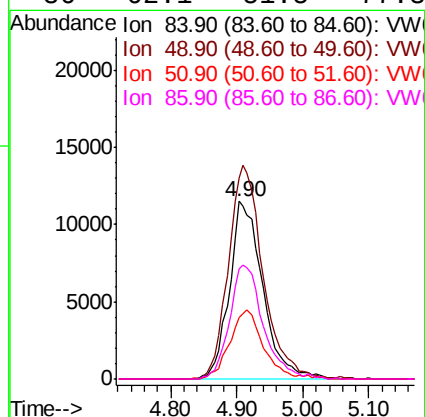
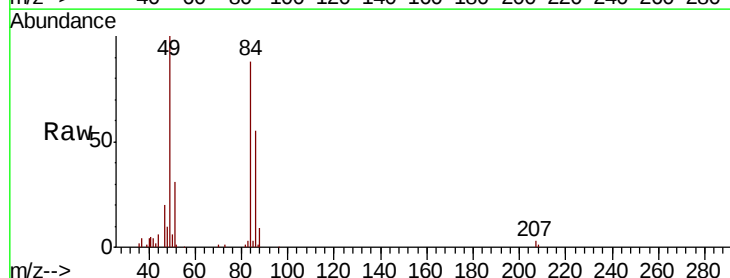
Ion Ratio Lower Upper

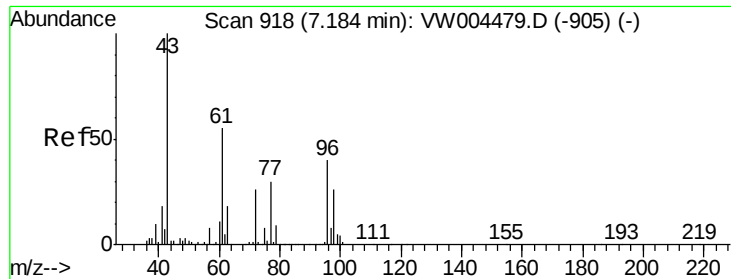
84 100

49 113.2 99.6 149.4

51 34.6 31.0 46.4

86 62.1 51.5 77.3

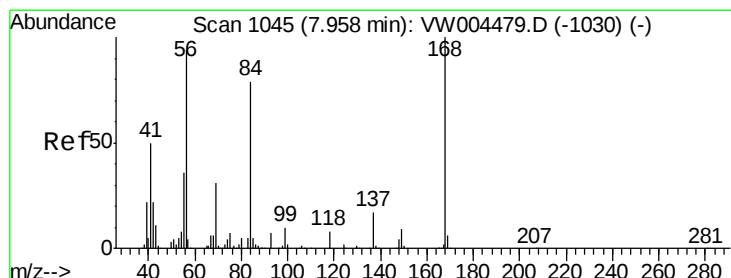
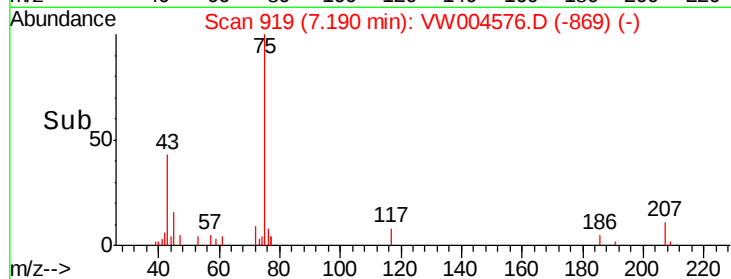
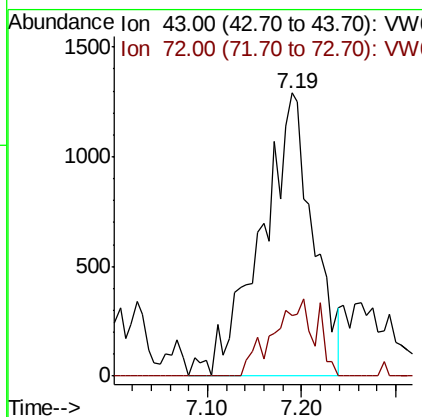
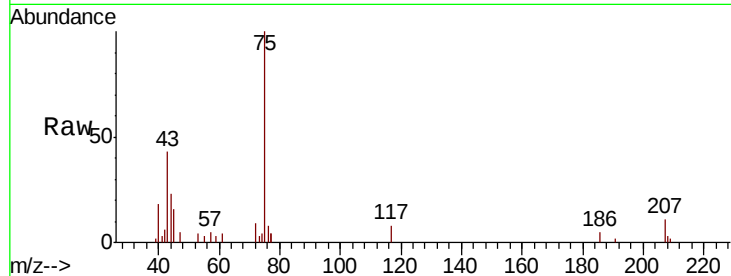




#25
2-Butanone
Concen: 2.130 ug/l
RT: 7.19 min Scan# 919
Delta R.T. 0.01 min
Lab File: VW004576.D
Acq: 10 Aug 2018 02:52

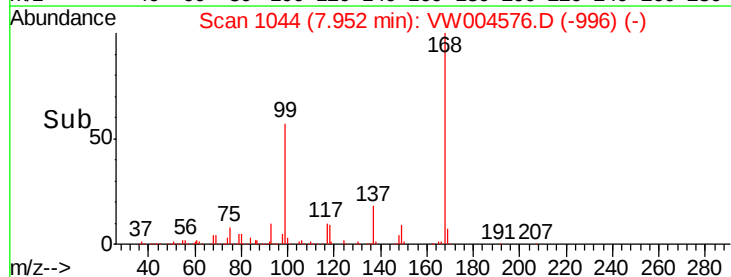
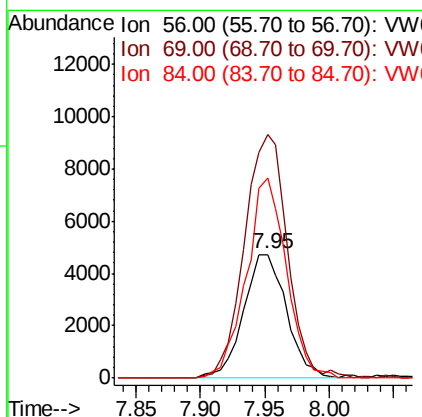
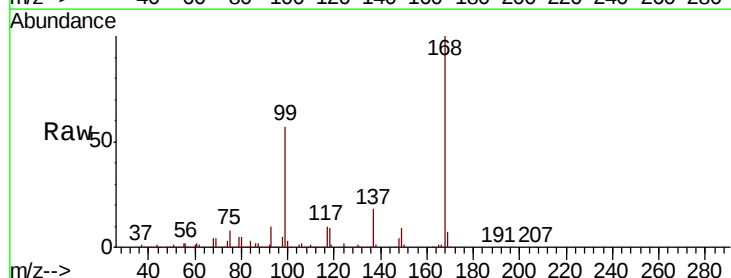
Instrument :
MSVOA_W
ClientSampleId :
EPE-P10A(37-42)

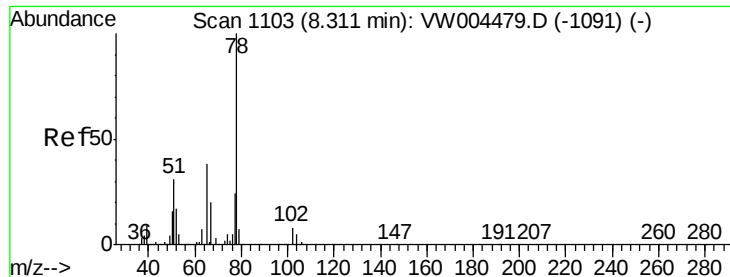
Tgt Ion: 43 Resp: 4948
Ion Ratio Lower Upper
43 100
72 21.5 21.0 31.6



#31
Cyclohexane
Concen: 1.005 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004576.D
Acq: 10 Aug 2018 02:52

Tgt Ion: 56 Resp: 10886
Ion Ratio Lower Upper
56 100
69 196.7 26.4 39.6#
84 162.0 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 55.881 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.01 min

Lab File: VW004576.D

Acq: 10 Aug 2018 02:52

Instrument :

MSVOA_W

ClientSampleId :

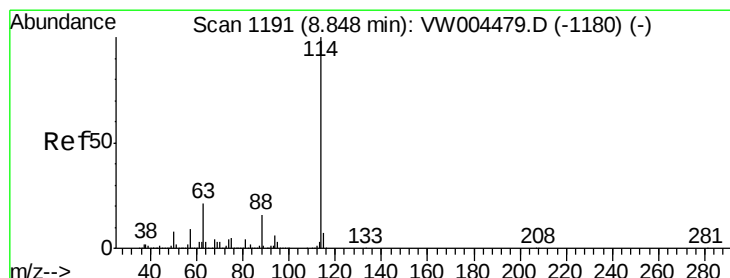
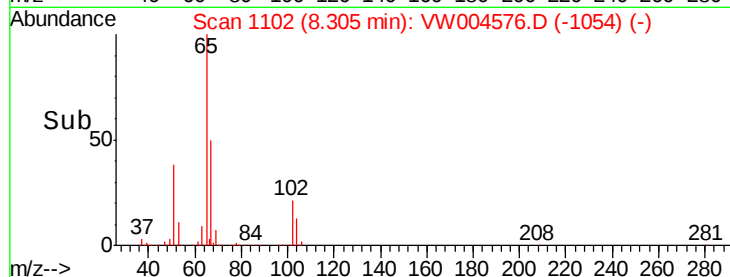
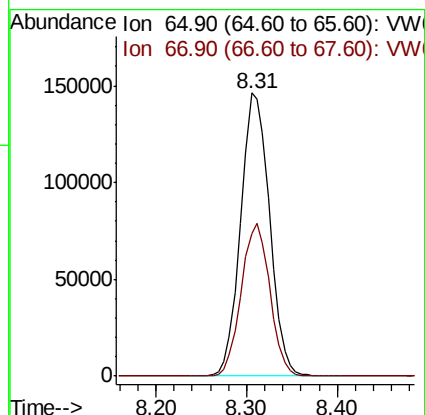
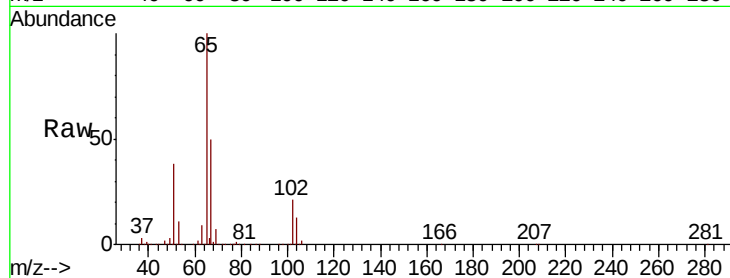
EPE-P10A(37-42)

Tgt Ion: 65 Resp: 323149

Ion Ratio Lower Upper

65 100

67 53.5 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: VW004576.D

Acq: 10 Aug 2018 02:52

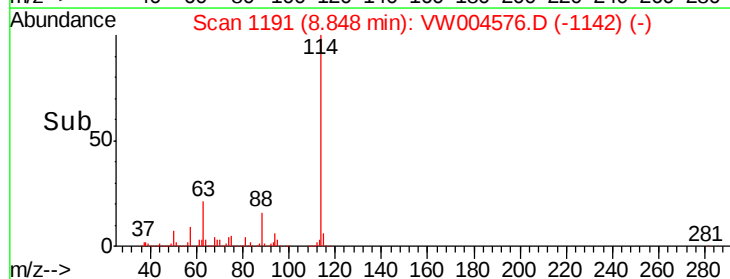
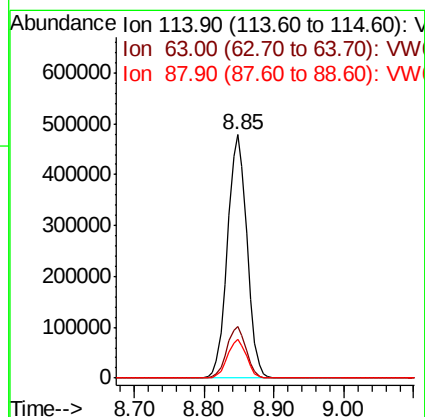
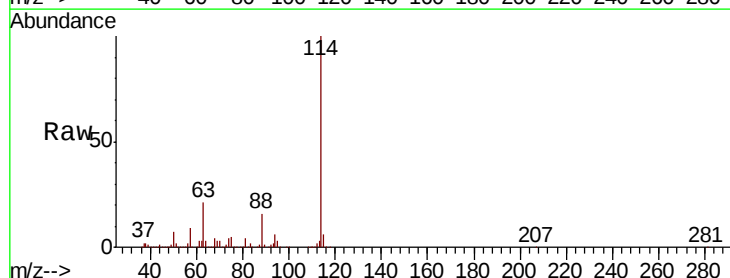
Tgt Ion: 114 Resp: 923453

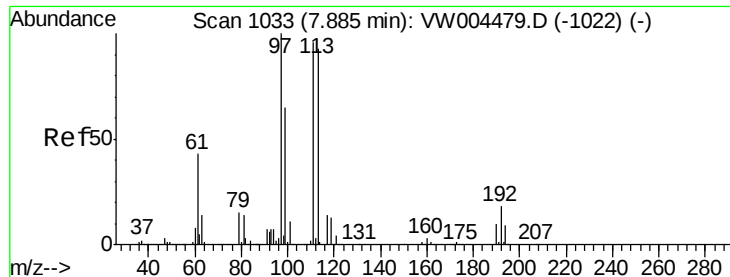
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.4

88 15.7 0.0 31.2

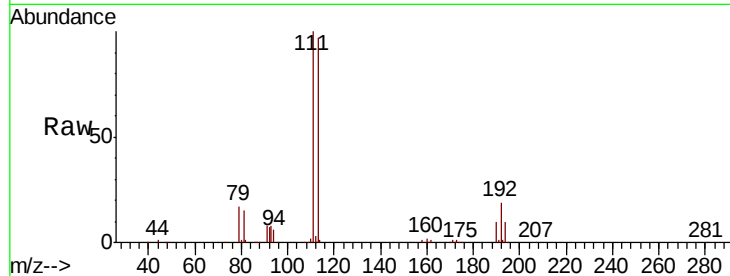




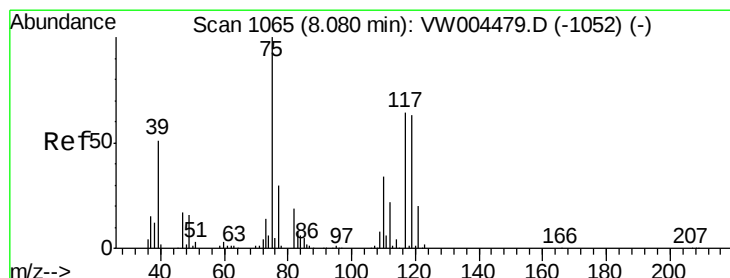
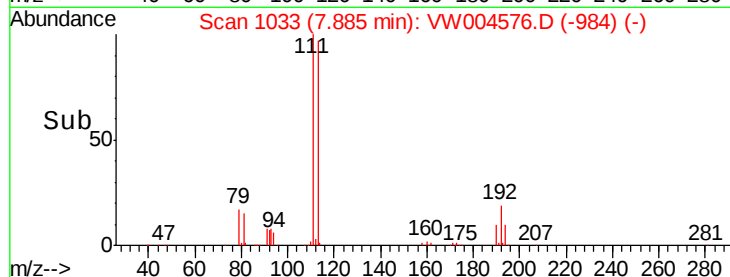
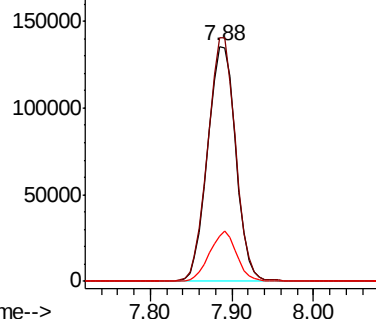
#35
 Dibromofluoromethane
 Concen: 52.480 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004576.D
 Acq: 10 Aug 2018 02:52

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

Tgt Ion: 113 Resp: 323134
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.9 124.3
 192 20.4 15.8 23.6

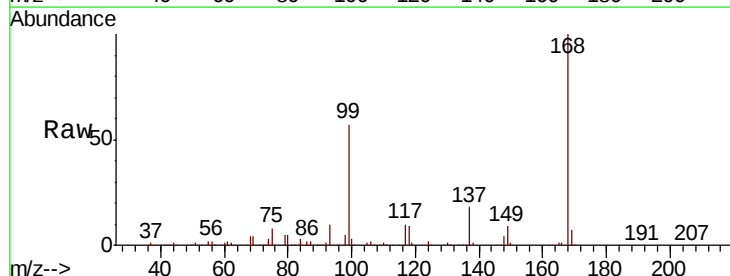


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

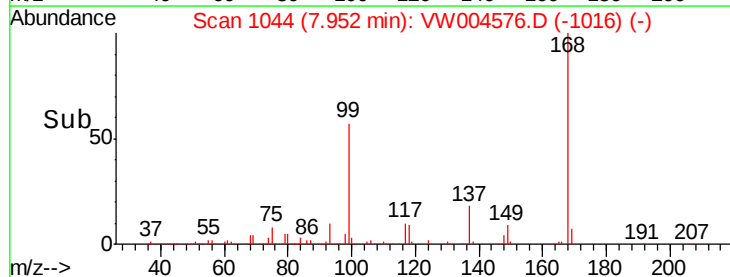
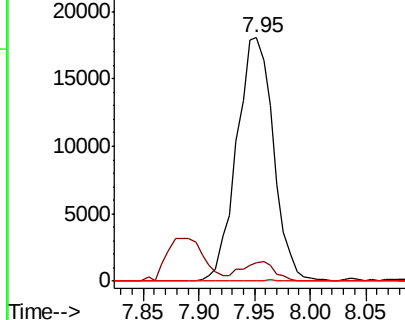


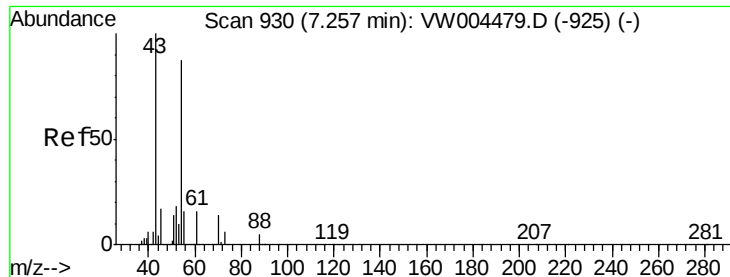
#36
 1,1-Dichloropropene
 Concen: 4.162 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004576.D
 Acq: 10 Aug 2018 02:52

Tgt Ion: 75 Resp: 41380
 Ion Ratio Lower Upper
 75 100
 110 7.2 17.4 52.2#
 77 0.1 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

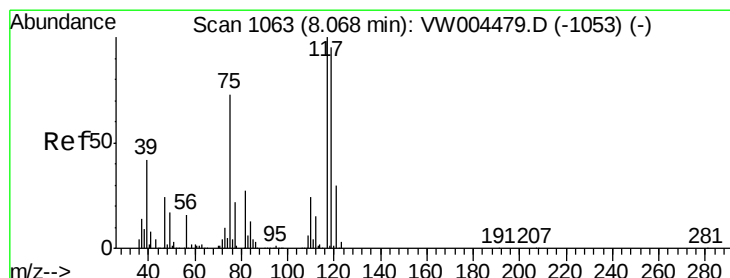
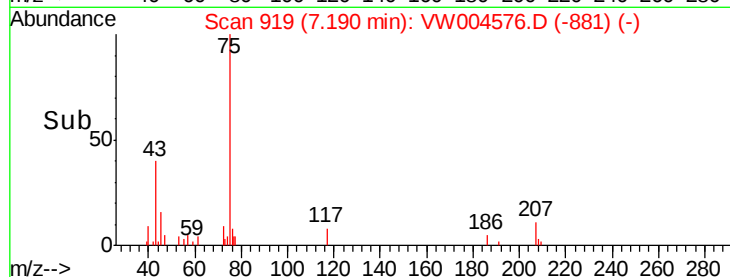
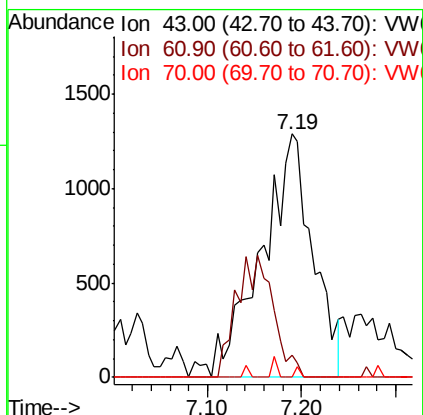
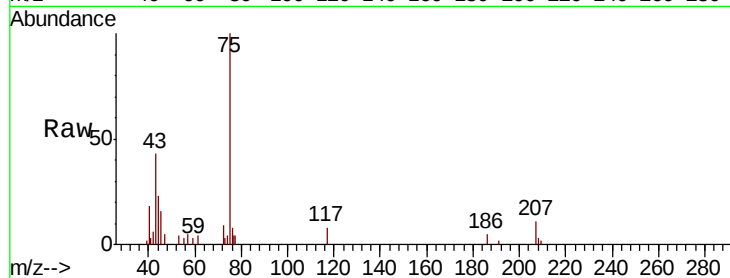




#37
Ethyl Acetate
Concen: 1.063 ug/l
RT: 7.19 min Scan# 919
Delta R.T. -0.07 min
Lab File: VW004576.D
Acq: 10 Aug 2018 02:52

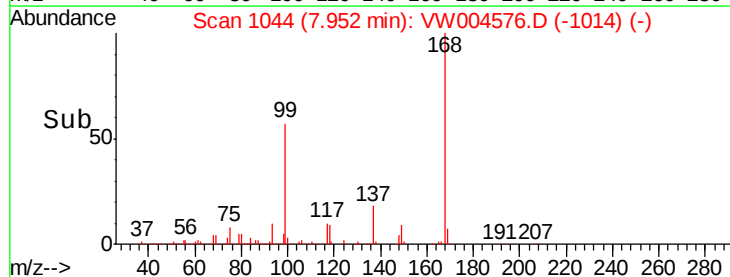
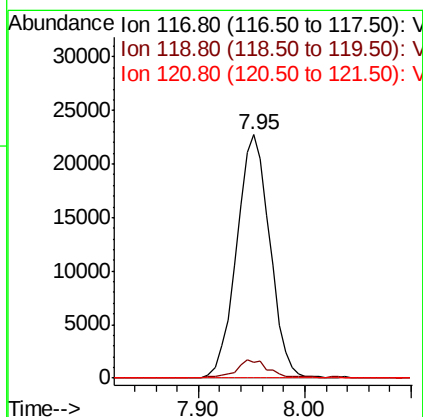
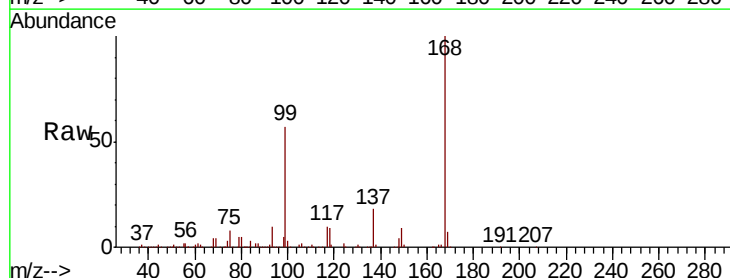
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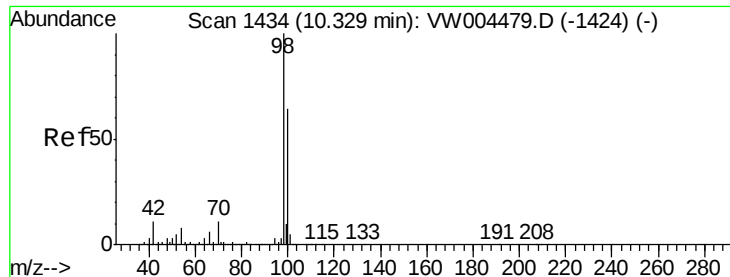
Tgt Ion: 43 Resp: 4948
Ion Ratio Lower Upper
43 100
61 0.0 11.9 17.9#
70 0.4 8.2 12.4#



#38
Carbon Tetrachloride
Concen: 5.554 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW004576.D
Acq: 10 Aug 2018 02:52

Tgt Ion: 117 Resp: 49690
Ion Ratio Lower Upper
117 100
119 6.3 76.1 114.1#
121 0.0 24.2 36.4#





#50

Toluene-d8

Concen: 41.903 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004576.D

Acq: 10 Aug 2018 02:52

Instrument :

MSVOA_W

ClientSampleId :

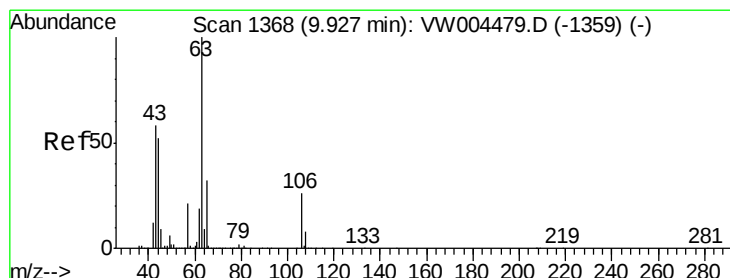
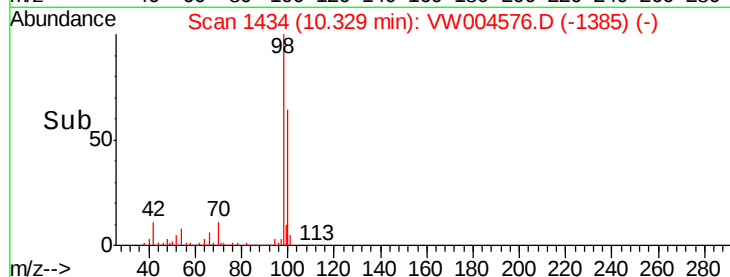
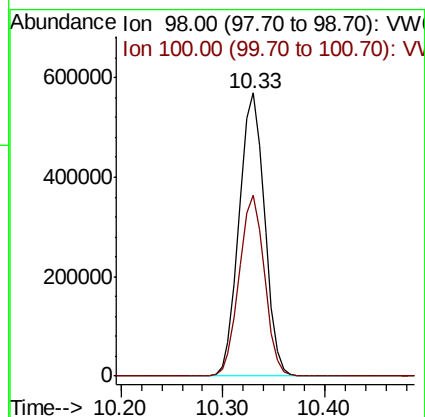
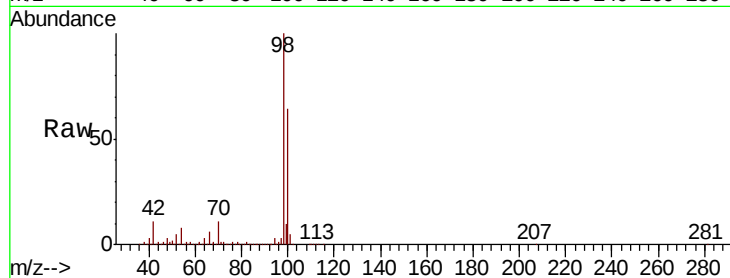
EPE-P10A(37-42)

Tgt Ion: 98 Resp: 983623

Ion Ratio Lower Upper

98 100

100 63.2 51.4 77.2



#58

2-Chloroethyl Vinyl ether

Concen: 8.966 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. 0.01 min

Lab File: VW004576.D

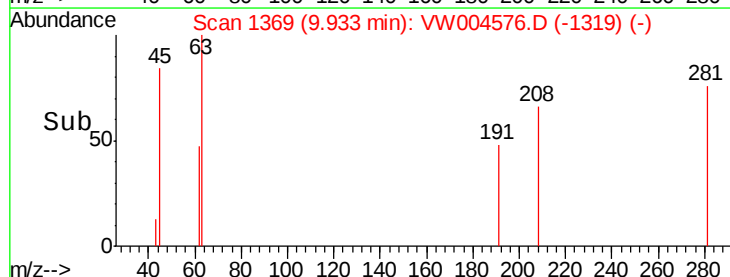
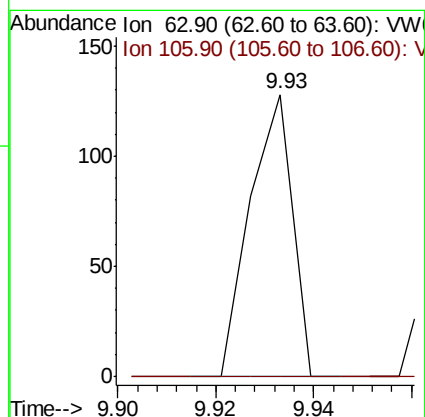
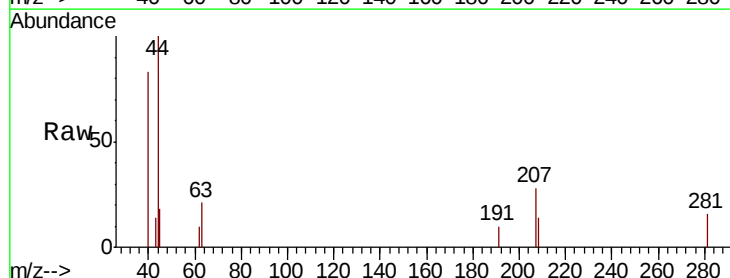
Acq: 10 Aug 2018 02:52

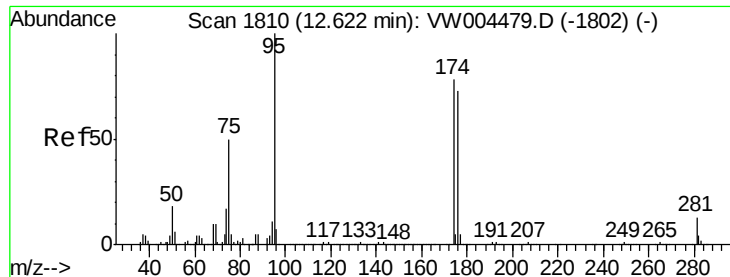
Tgt Ion: 63 Resp: 77

Ion Ratio Lower Upper

63 100

106 0.0 21.3 31.9#

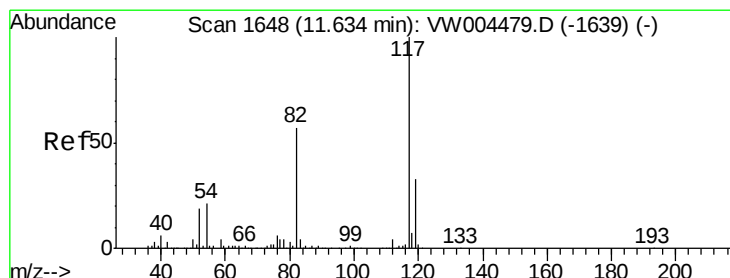
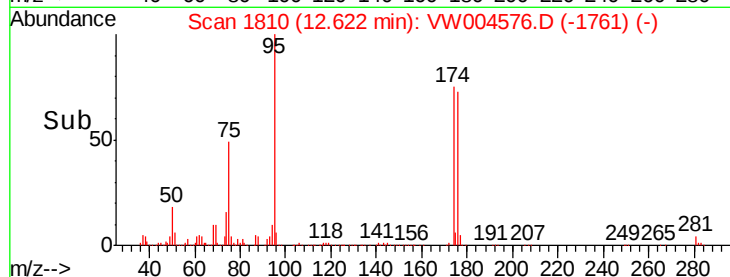
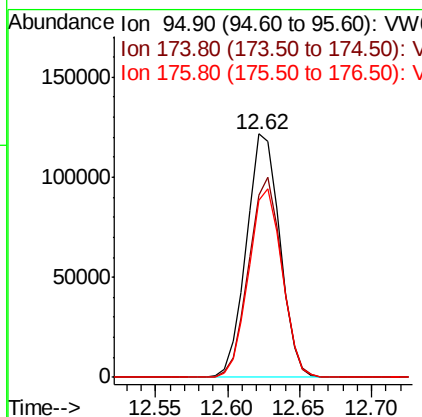
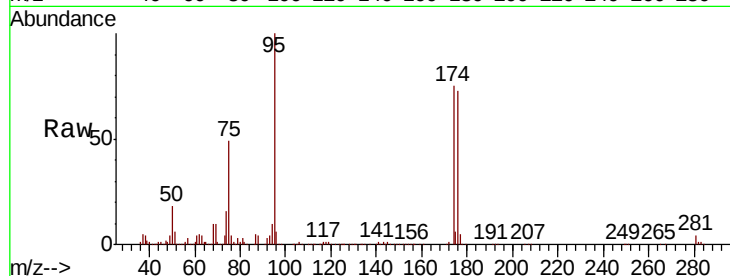




#62
4-Bromofluorobenzene
Concen: 23.119 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004576.D
Acq: 10 Aug 2018 02:52

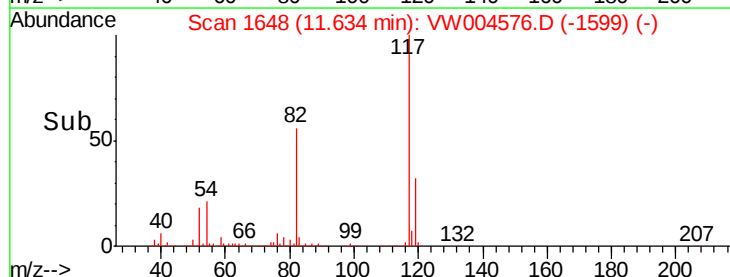
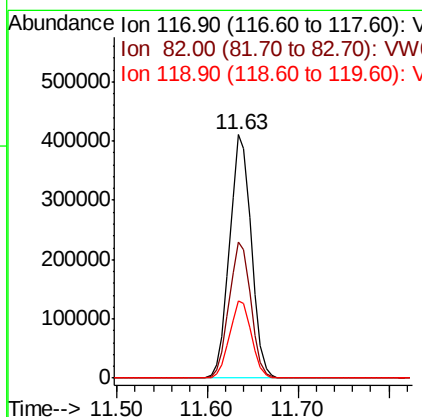
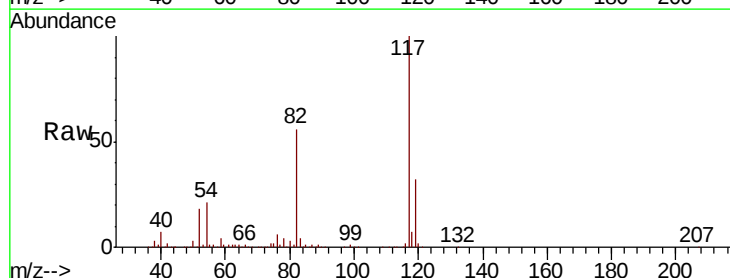
Instrument :
MSVOA_W
ClientSampleId :
EPE-P10A(37-42)

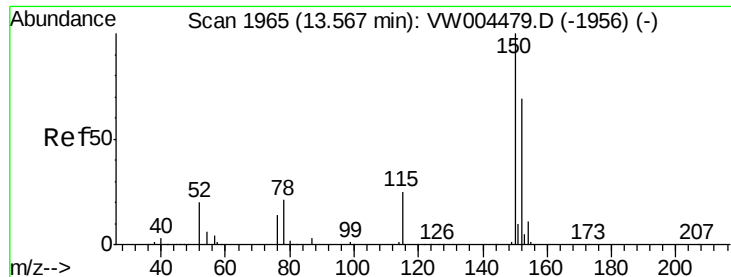
Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.9	0.0	160.4
176	77.6	0.0	153.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004576.D
Acq: 10 Aug 2018 02:52

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.3	67.9
119	31.8	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: VW004576.D

Acq: 10 Aug 2018 02:52

Instrument :

MSVOA_W

ClientSampleId :

EPE-P10A(37-42)

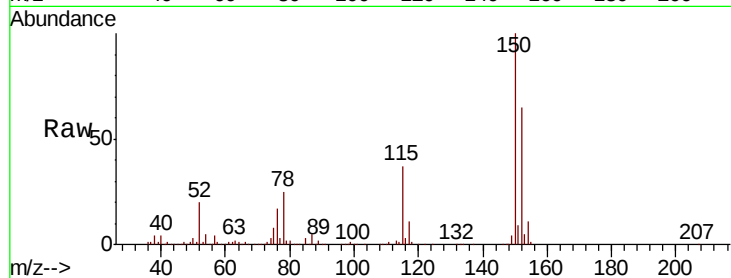
Tgt Ion:152 Resp: 163309

Ion Ratio Lower Upper

152 100

115 56.8 29.1 87.3

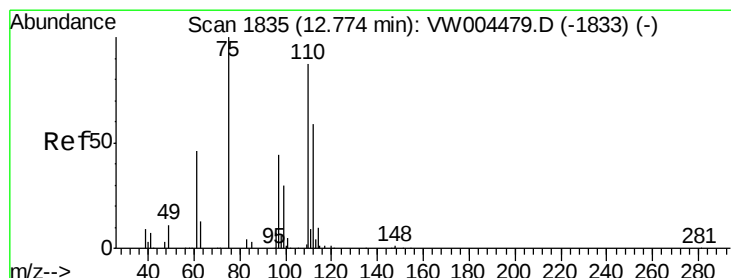
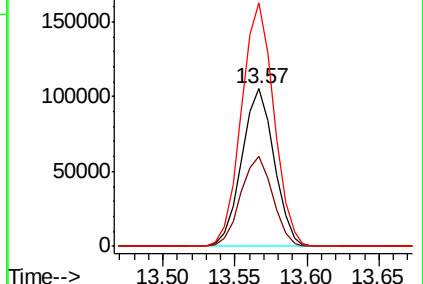
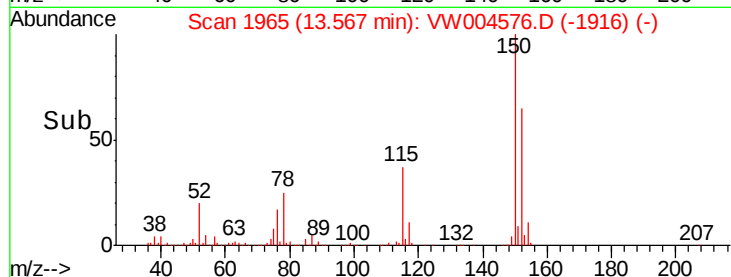
150 155.3 0.0 349.6



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: 56.506 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004576.D

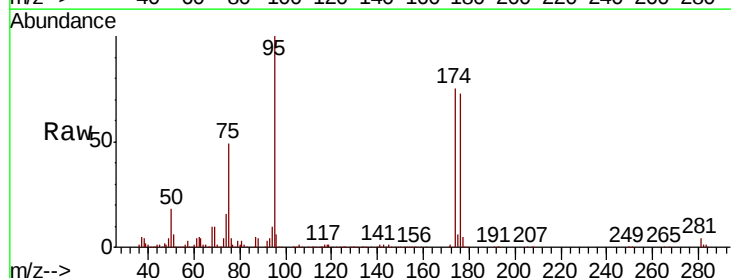
Acq: 10 Aug 2018 02:52

Tgt Ion: 75 Resp: 95488

Ion Ratio Lower Upper

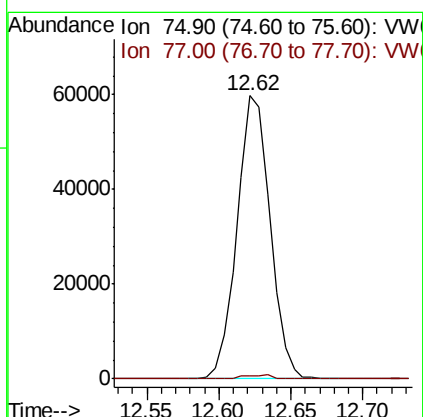
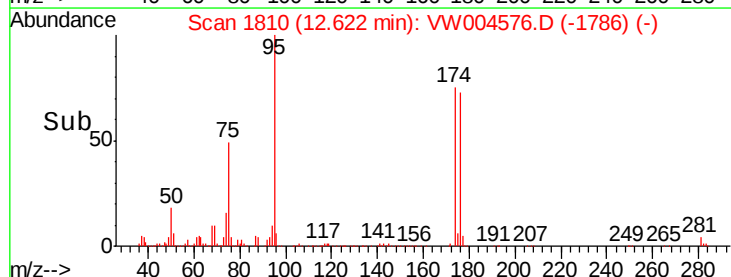
75 100

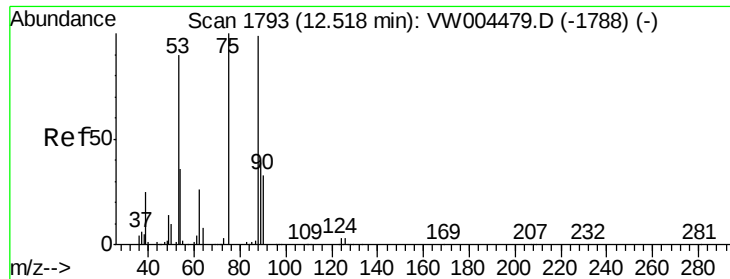
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

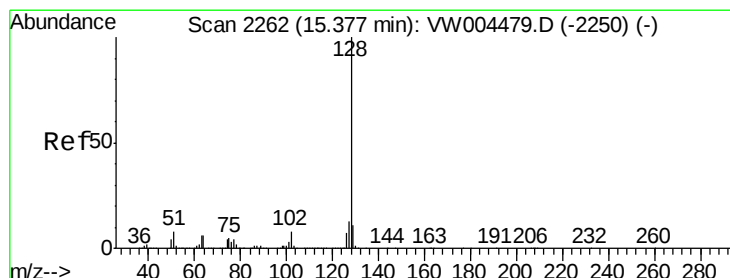
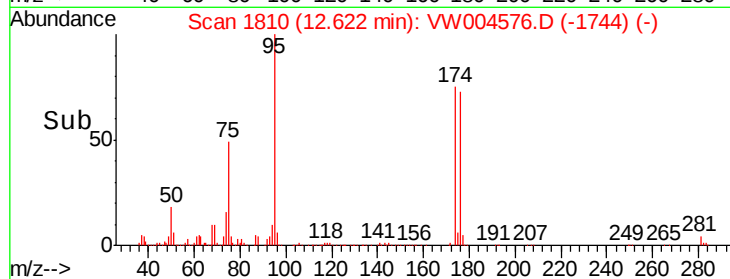
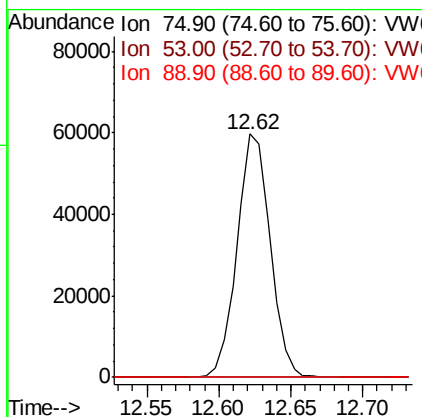
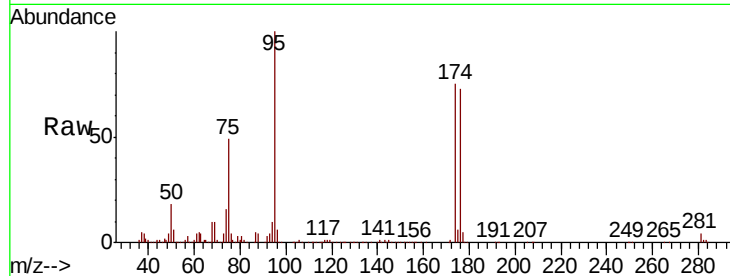




#81
trans-1,4-Dichloro-2-butene
Concen: 135.267 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.10 min
Lab File: VW004576.D
Acq: 10 Aug 2018 02:52

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

Tgt Ion: 75 Resp: 95488
Ion Ratio Lower Upper
75 100
53 0.3 74.4 111.6#
89 0.2 35.9 53.9#



#95
Naphthalene
Concen: 3.033 ug/l
RT: 15.37 min Scan# 2261
Delta R.T. -0.01 min
Lab File: VW004576.D
Acq: 10 Aug 2018 02:52

Tgt Ion: 128 Resp: 915
Ion Ratio Lower Upper
128 100
127 17.2 10.3 15.5#
129 0.0 8.6 13.0#

