

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081218\
 Data File : VW004574.D
 Acq On : 10 Aug 2018 02:00
 Operator : SY/AP
 Sample : J4398-01
 Misc : 5.18G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-P10A(0-5)

Quant Time: Aug 10 03:52:48 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

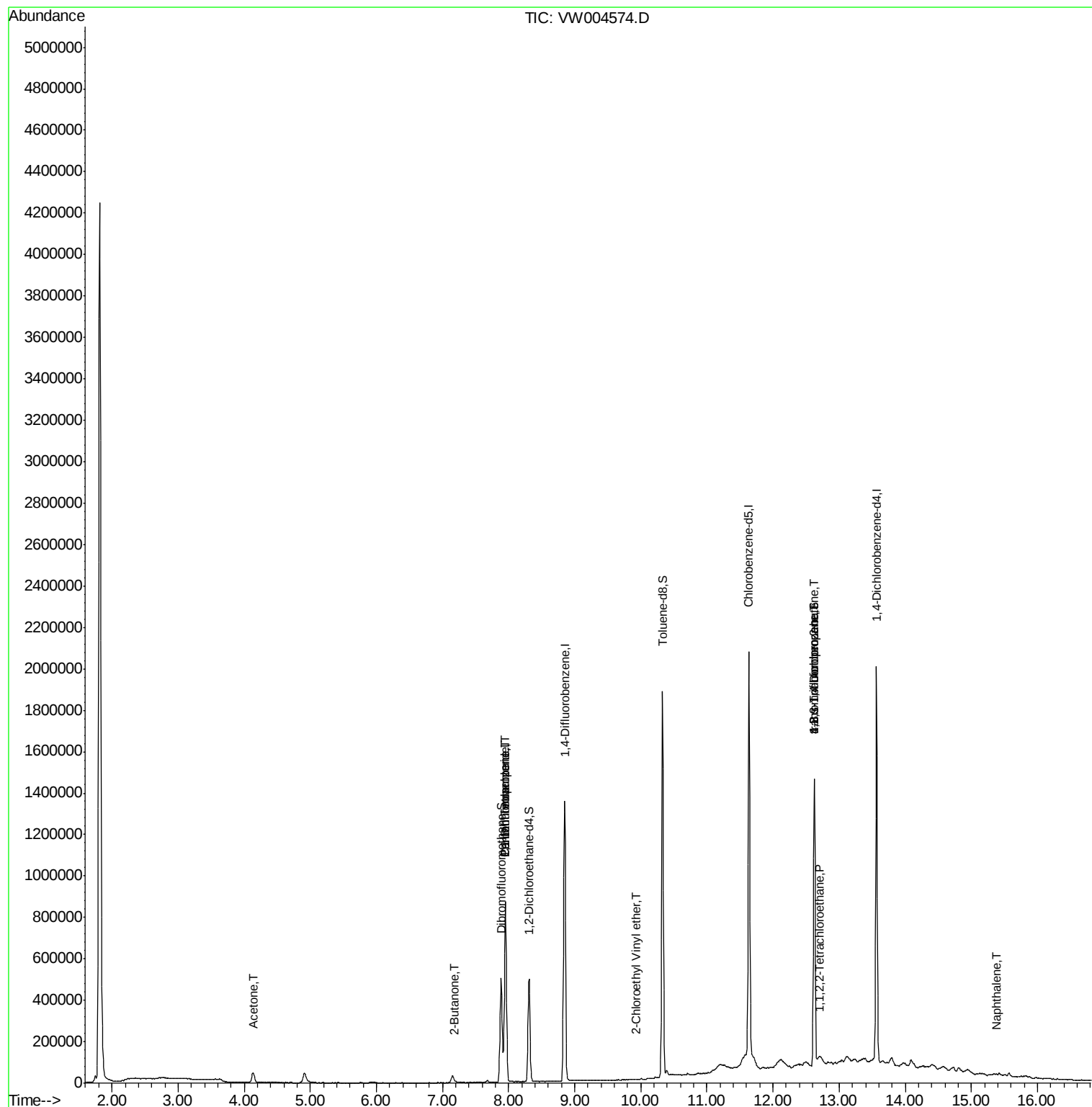
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	657787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1159226	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1112392	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	510229	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	384911	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
35) Dibromofluoromethane	7.88	113	365967	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.70%	
50) Toluene-d8	10.33	98	1255646	42.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.22%	
62) 4-Bromofluorobenzene	12.62	95	487068	45.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.78%	
Target Compounds						
16) Acetone	4.14	43	86289	47.452	ug/l	98
20) Methylene Chloride	4.90	84	40906	Below Cal		89
25) 2-Butanone	7.18	43	5282	1.806	ug/l	98
36) 1,1-Dichloropropene	7.95	75	50837	4.073	ug/l #	49
38) Carbon Tetrachloride	7.95	117	62926	5.603	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.93	63	422	9.040	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.69	83	10076	1.368	ug/l #	28
76) 1,2,3-Trichloropropane	12.62	75	233616	44.248	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	233616	105.923	ug/l #	12
95) Naphthalene	15.38	128	1422	2.974	ug/l #	45

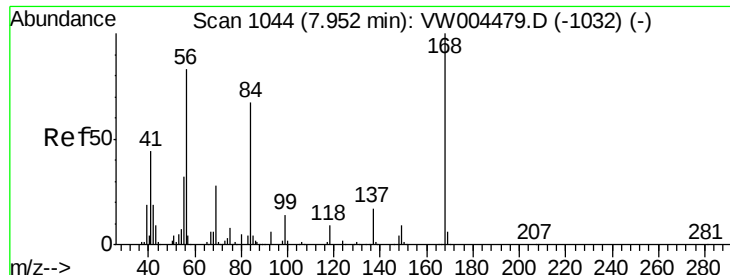
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081218\
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Quant Title : SW846 8260
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: VW004574.D

Acq: 10 Aug 2018 02:00

Instrument :

MSVOA_W

ClientSampleId :

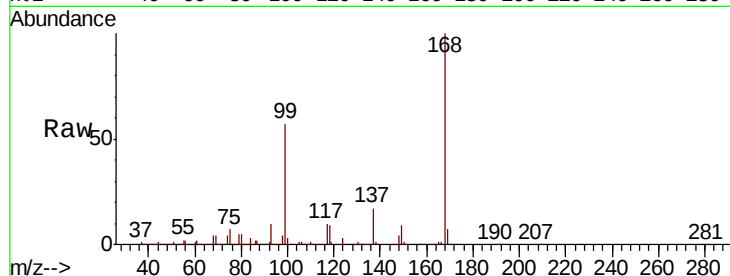
EPE-P10A(0-5)

Tgt Ion:168 Resp: 657787

Ion Ratio Lower Upper

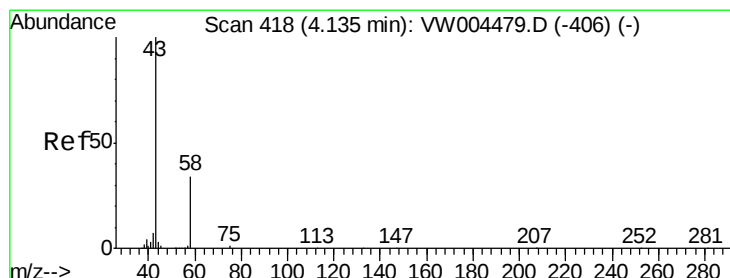
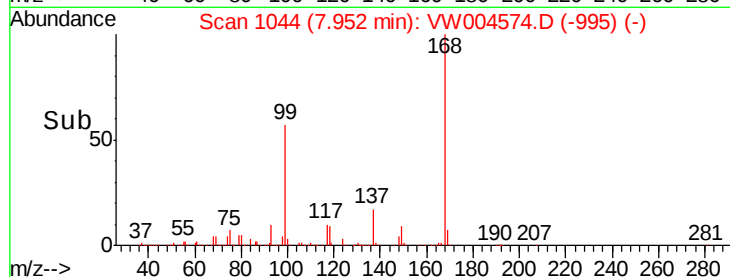
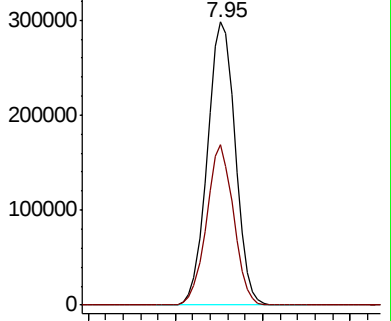
168 100

99 56.6 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 47.452 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.00 min

Lab File: VW004574.D

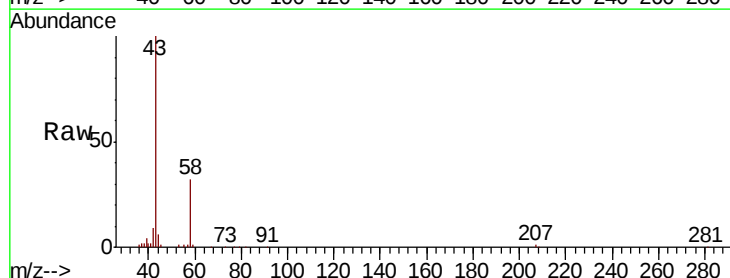
Acq: 10 Aug 2018 02:00

Tgt Ion: 43 Resp: 86289

Ion Ratio Lower Upper

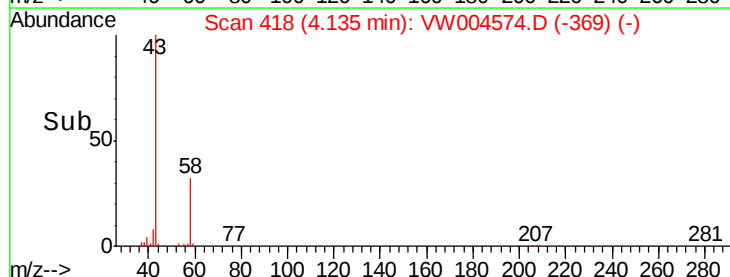
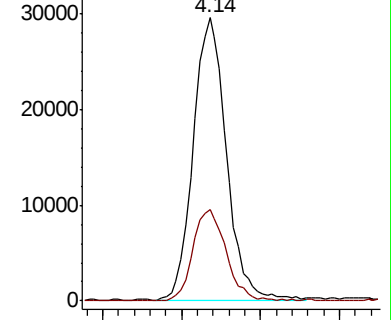
43 100

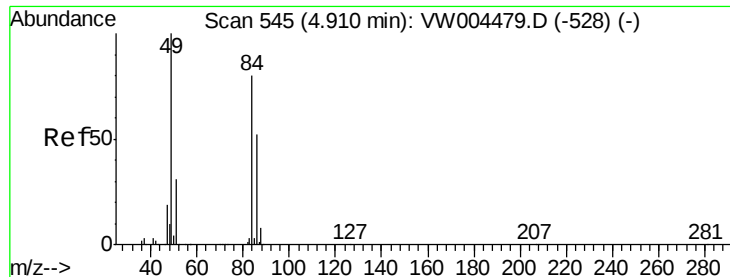
58 32.2 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

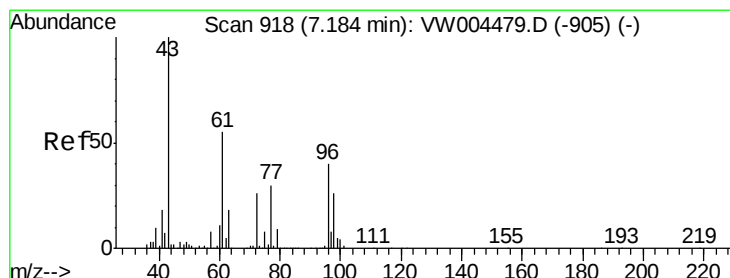
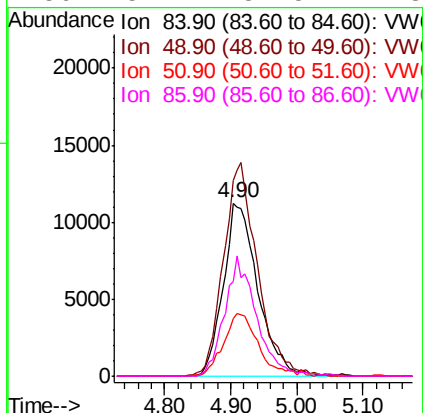
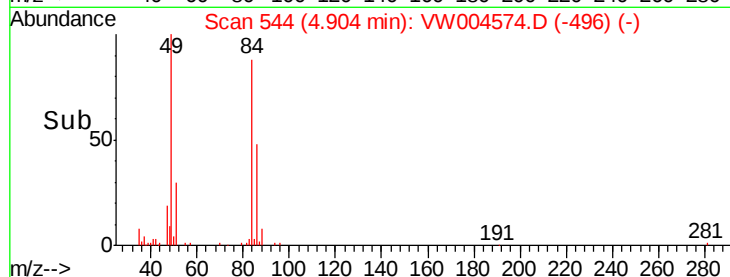
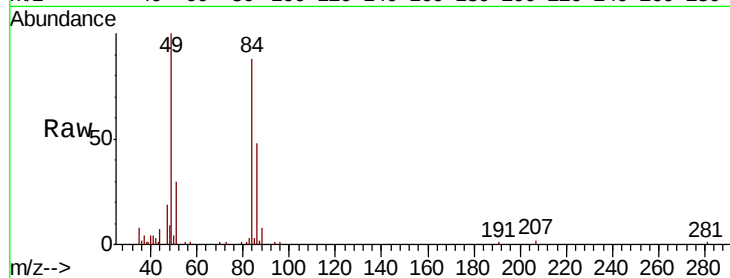




#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW004574.D
Acq: 10 Aug 2018 02:00

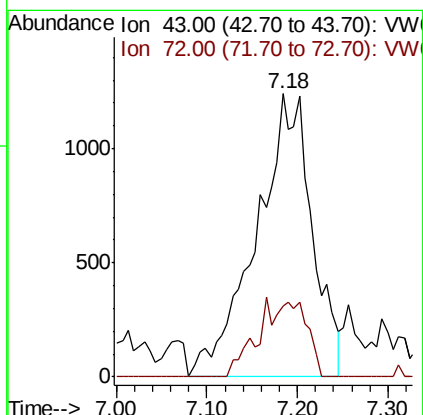
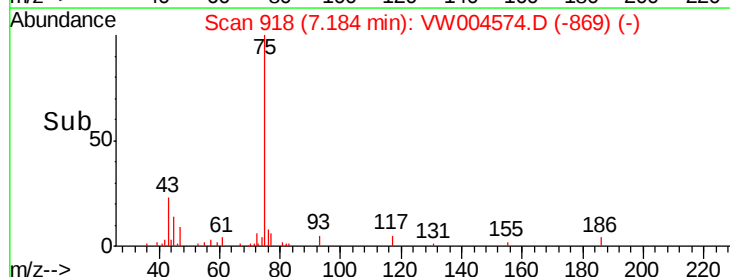
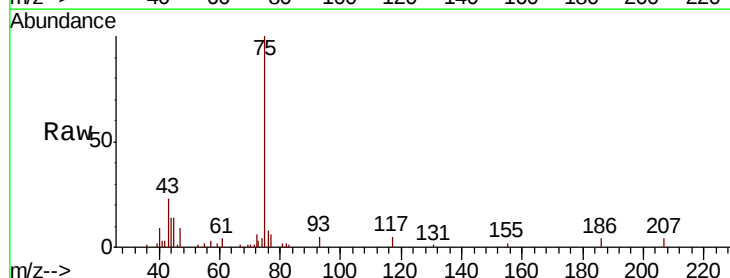
Instrument :
MSVOA_W
ClientSampleId :
EPE-P10A(0-5)

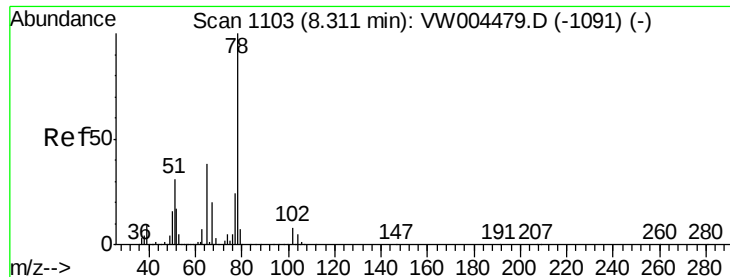
Tgt Ion: 84 Resp: 40906
Ion Ratio Lower Upper
84 100
49 112.5 99.6 149.4
51 33.4 31.0 46.4
86 54.4 51.5 77.3



#25
2-Butanone
Concen: 1.806 ug/l
RT: 7.18 min Scan# 918
Delta R.T. 0.00 min
Lab File: VW004574.D
Acq: 10 Aug 2018 02:00

Tgt Ion: 43 Resp: 5282
Ion Ratio Lower Upper
43 100
72 25.2 21.0 31.6





#33

1,2-Dichloroethane-d4

Concen: 52.861 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004574.D

Acq: 10 Aug 2018 02:00

Instrument :

MSVOA_W

ClientSampleId :

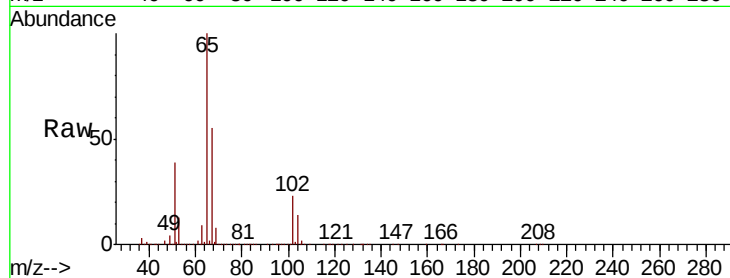
EPE-P10A(0-5)

Tgt Ion: 65 Resp: 384911

Ion Ratio Lower Upper

65 100

67 55.2 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

150000

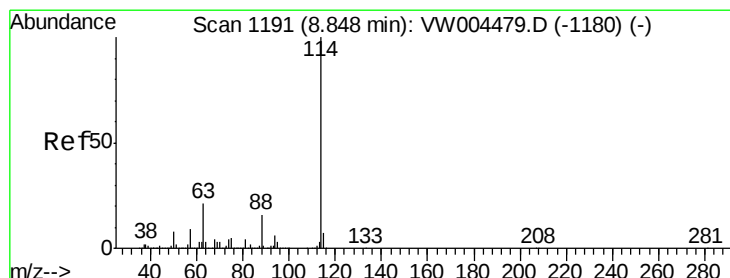
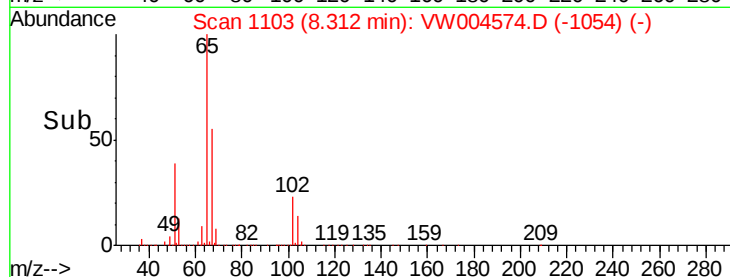
100000

50000

0

Time-->

8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004574.D

Acq: 10 Aug 2018 02:00

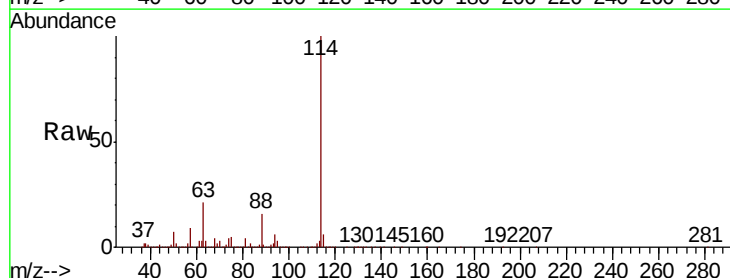
Tgt Ion: 114 Resp: 1159226

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.4

88 15.6 0.0 31.2



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

8.85

800000

600000

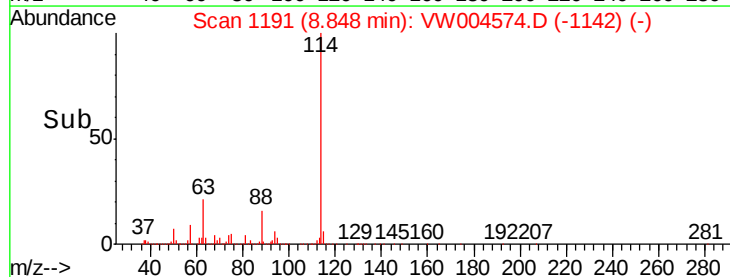
400000

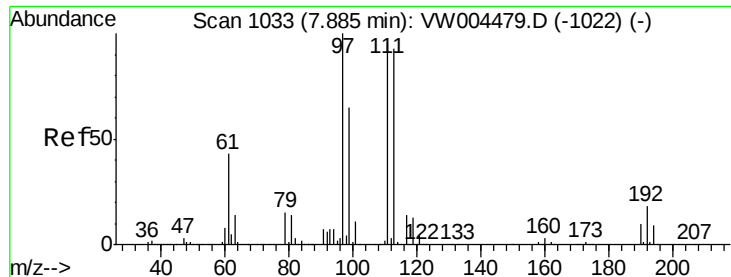
200000

0

Time-->

8.70 8.80 8.90 9.00

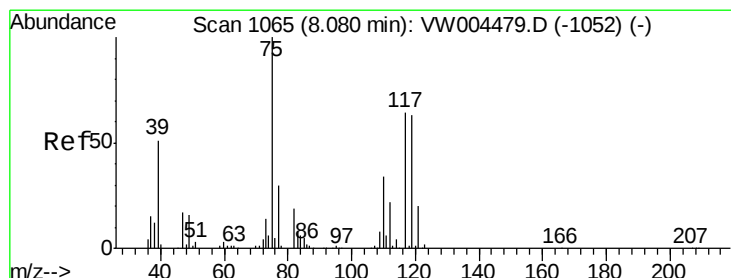
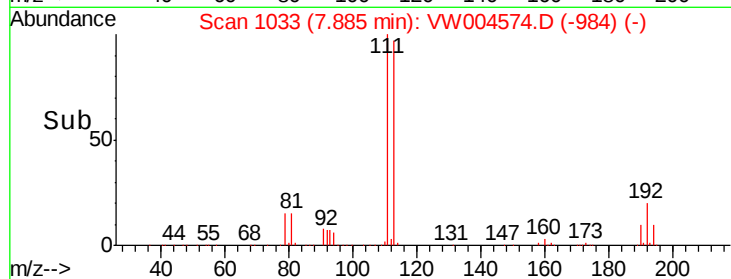
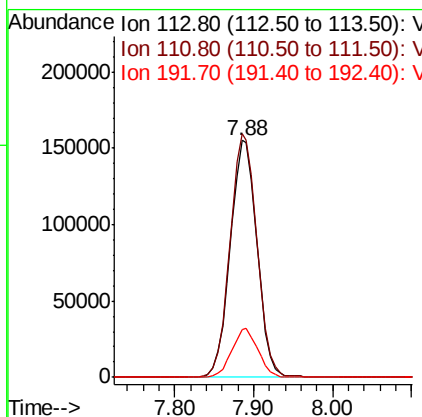
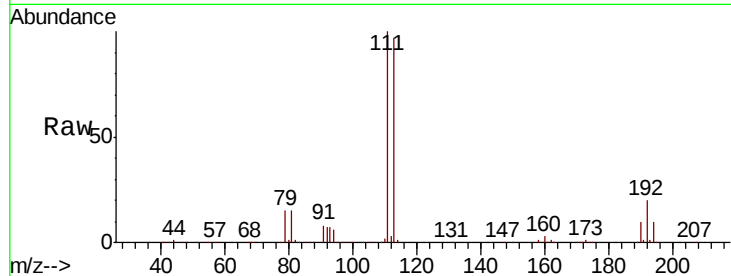




#35
 Dibromofluoromethane
 Concen: 47.348 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004574.D
 Acq: 10 Aug 2018 02:00

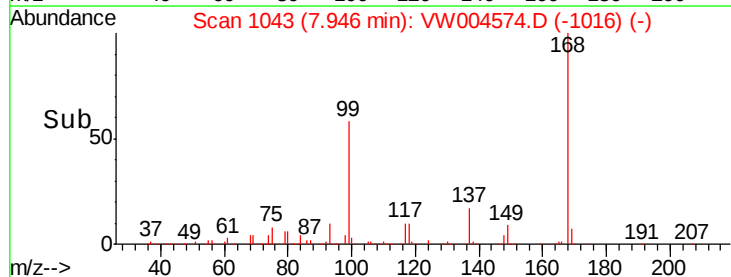
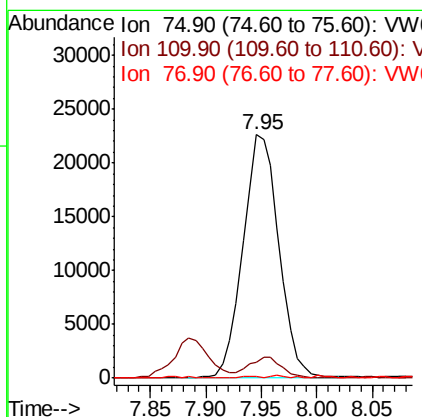
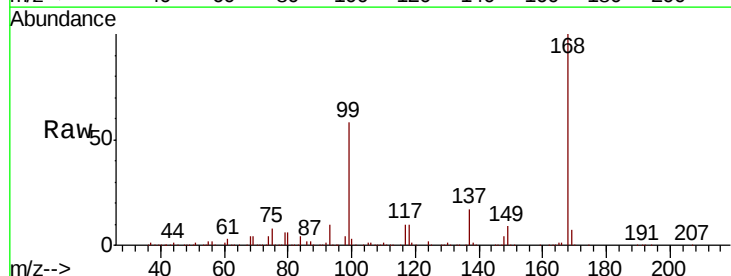
Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-P10A(0-5)

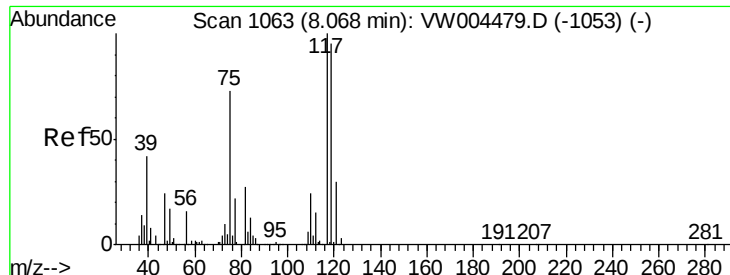
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.9	124.3
192	20.2	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 4.073 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW004574.D
 Acq: 10 Aug 2018 02:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.1	17.4	52.2#
77	0.4	24.7	37.1#

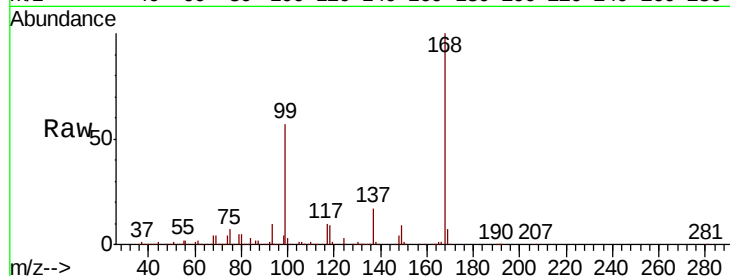




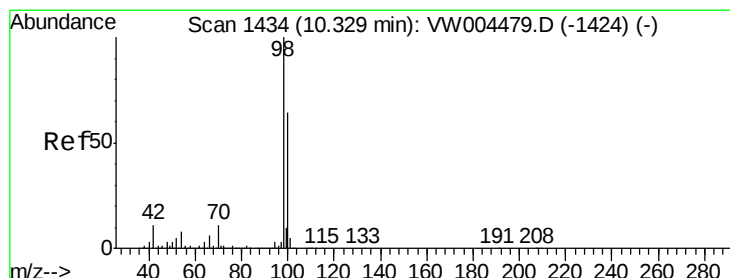
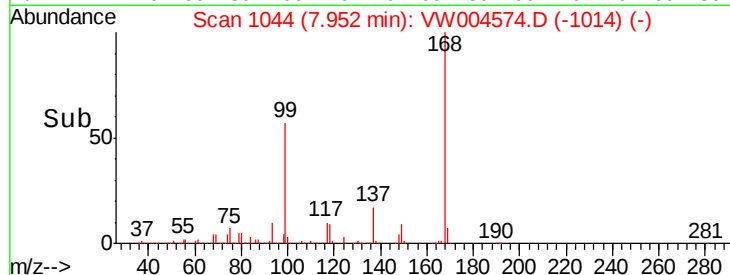
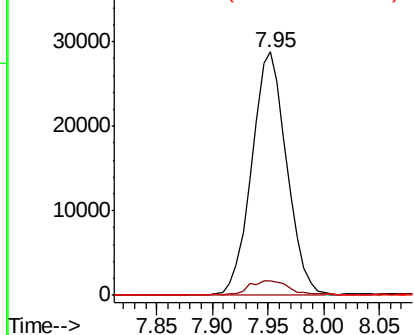
#38
Carbon Tetrachloride
Concen: 5.603 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW004574.D
Acq: 10 Aug 2018 02:00

Instrument :
MSVOA_W
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:117 Resp: 62926
Ion Ratio Lower Upper
117 100
119 5.9 76.1 114.1#
121 0.0 24.2 36.4#

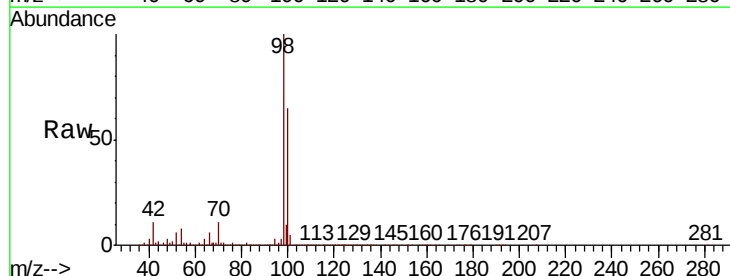


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

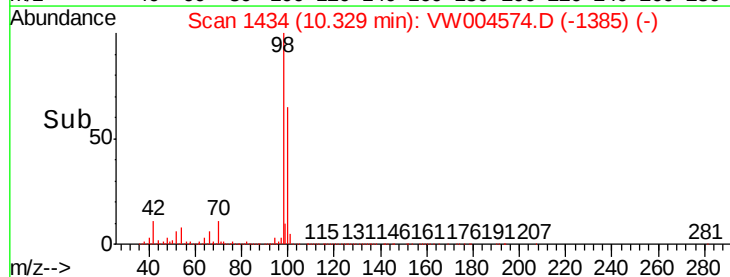
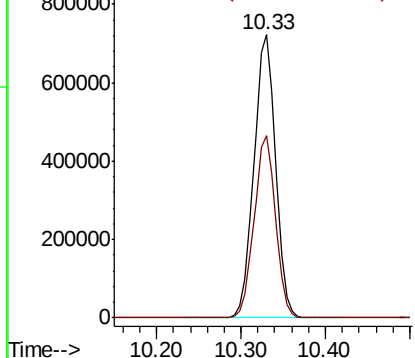


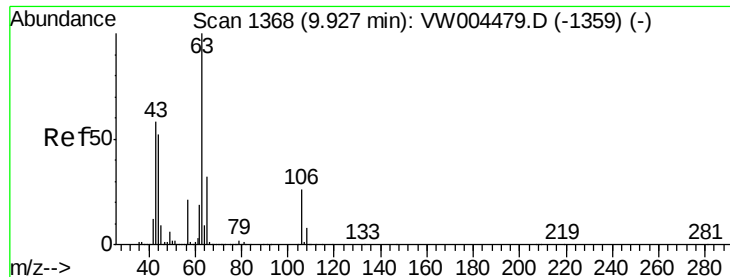
#50
Toluene-d8
Concen: 42.612 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004574.D
Acq: 10 Aug 2018 02:00

Tgt Ion: 98 Resp: 1255646
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.2



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

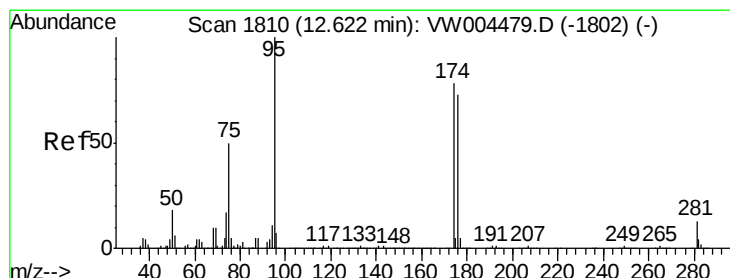
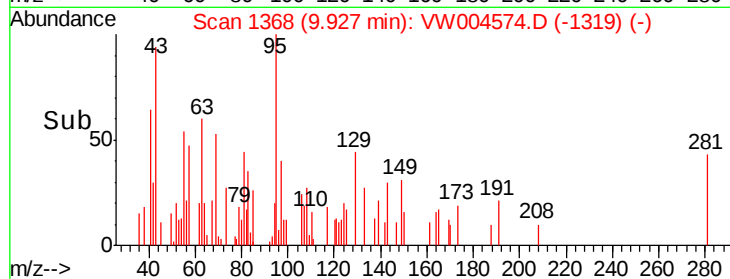
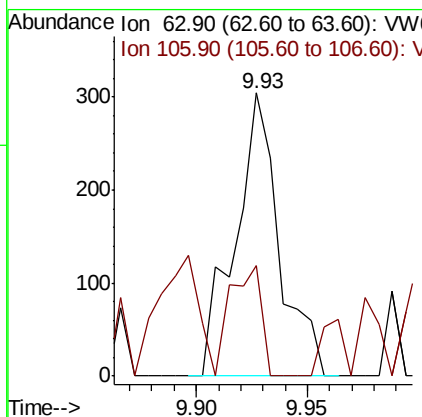
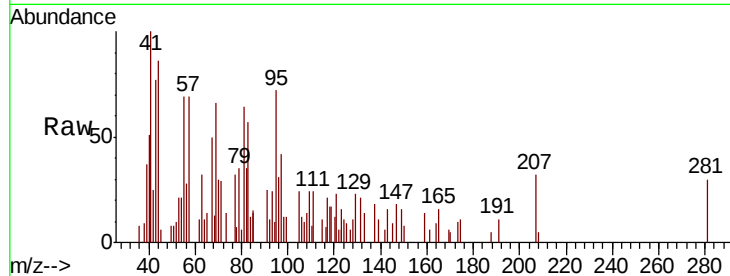




#58
 2-Chloroethyl Vinyl ether
 Concen: 9.040 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004574.D
 Acq: 10 Aug 2018 02:00

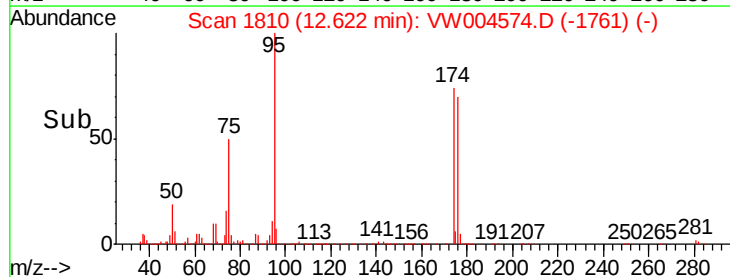
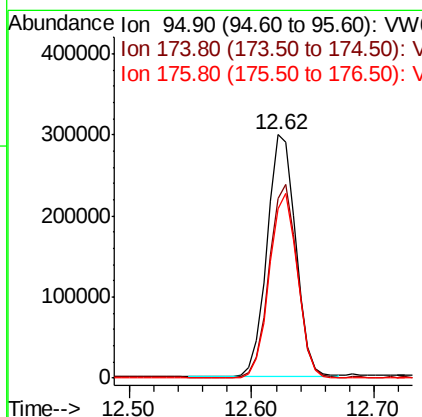
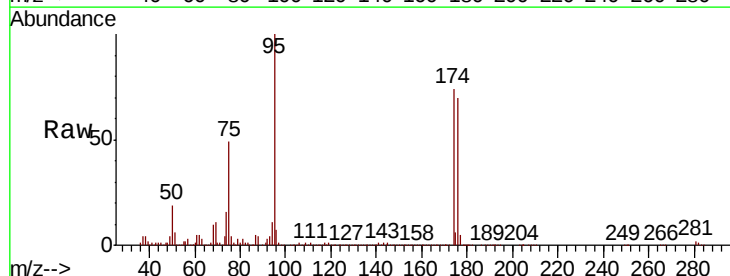
Instrument :
 MSVOA_W
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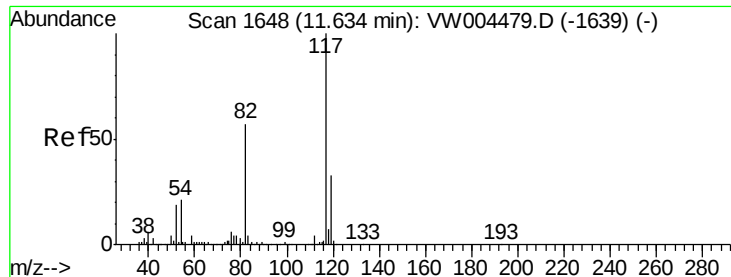
Tgt Ion: 63 Resp: 422
 Ion Ratio Lower Upper
 63 100
 106 27.3 21.3 31.9



#62
 4-Bromofluorobenzene
 Concen: 45.887 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004574.D
 Acq: 10 Aug 2018 02:00

Tgt Ion: 95 Resp: 487068
 Ion Ratio Lower Upper
 95 100
 174 77.7 0.0 160.4
 176 74.9 0.0 153.2

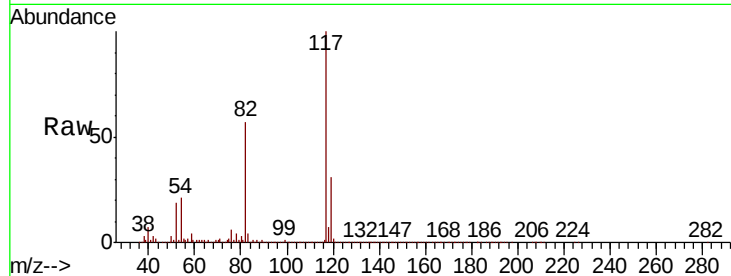




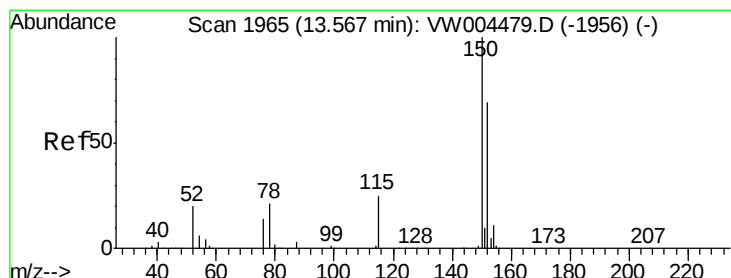
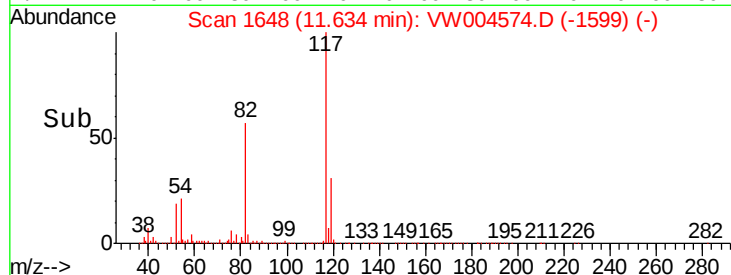
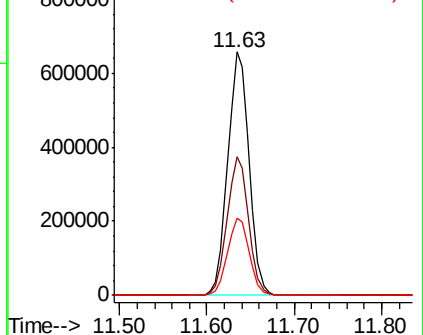
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004574.D
Acq: 10 Aug 2018 02:00

Instrument :
MSVOA_W
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:117 Resp: 1112392
Ion Ratio Lower Upper
117 100
82 56.7 45.3 67.9
119 31.4 26.2 39.4

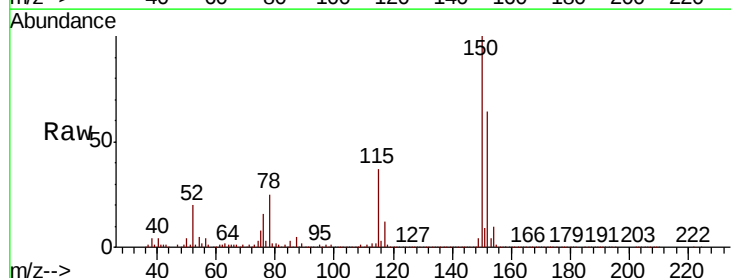


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

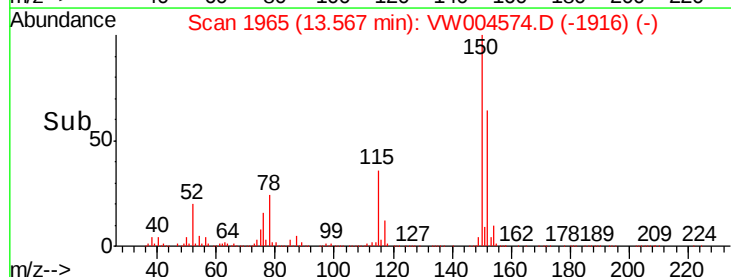
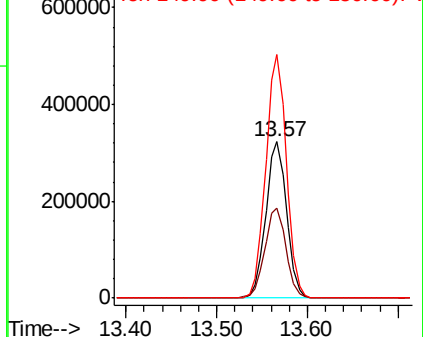


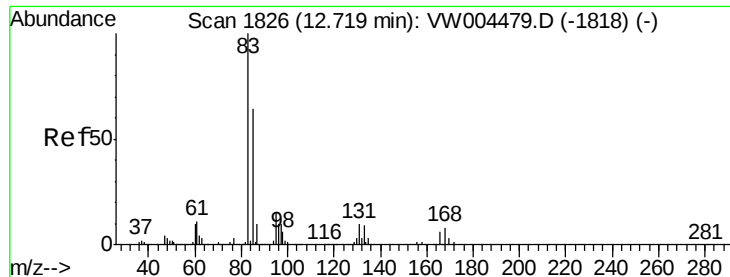
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004574.D
Acq: 10 Aug 2018 02:00

Tgt Ion:152 Resp: 510229
Ion Ratio Lower Upper
152 100
115 58.0 29.1 87.3
150 155.1 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





#75

1,1,2,2-Tetrachloroethane

Concen: 1.368 ug/l

RT: 12.69 min Scan# 1822

Delta R.T. -0.02 min

Lab File: VW004574.D

Acq: 10 Aug 2018 02:00

Instrument :

MSVOA_W

ClientSampleId :

EPE-P10A(0-5)

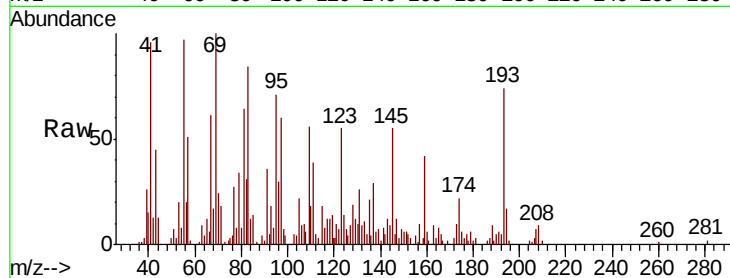
Tgt Ion: 83 Resp: 10076

Ion Ratio Lower Upper

83 100

131 13.2 5.0 15.0

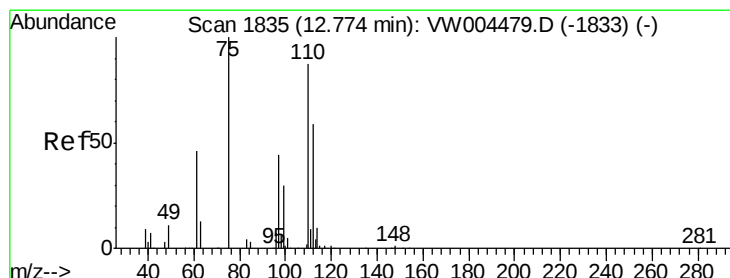
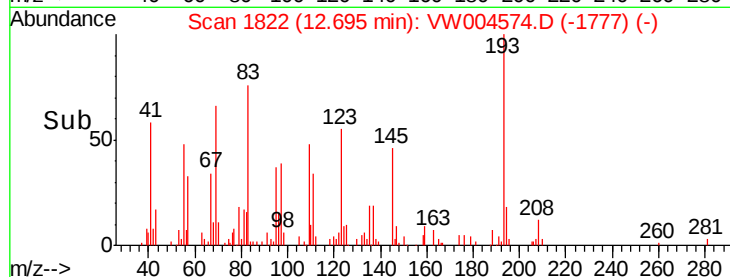
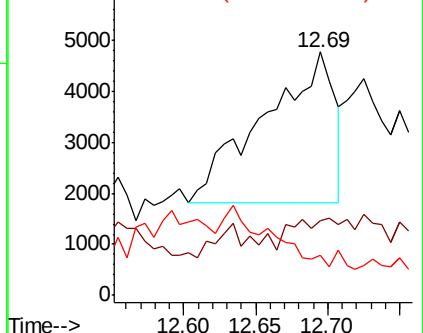
85 0.0 31.8 95.4#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 44.248 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004574.D

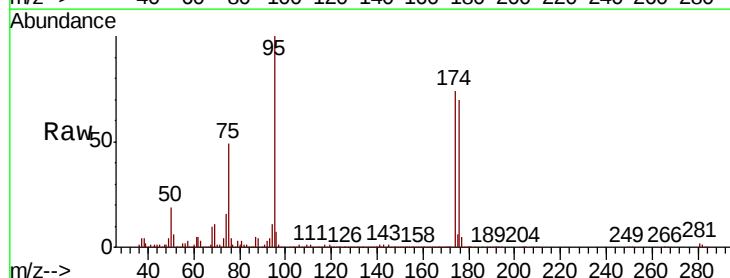
Acq: 10 Aug 2018 02:00

Tgt Ion: 75 Resp: 233616

Ion Ratio Lower Upper

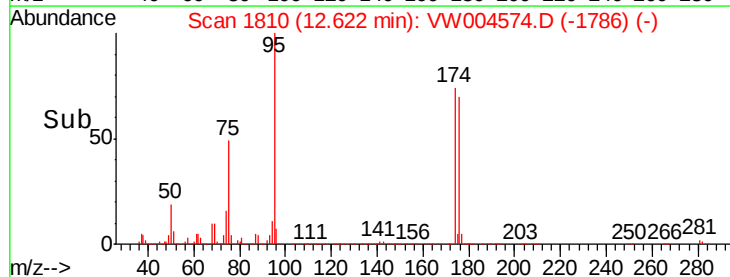
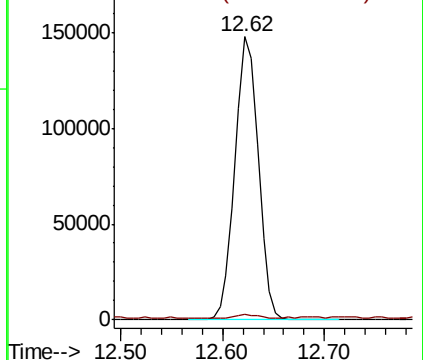
75 100

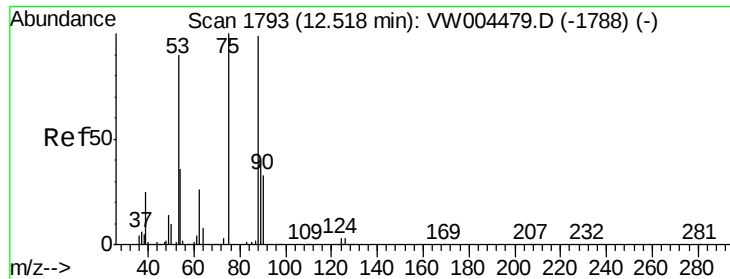
77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

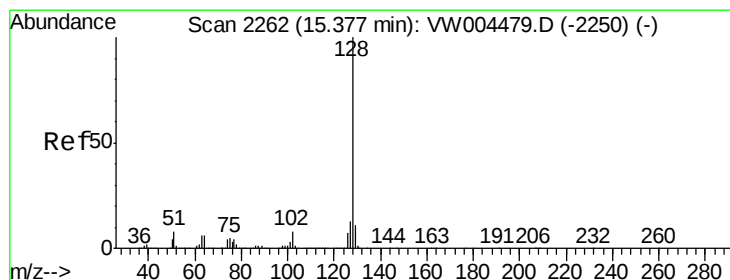
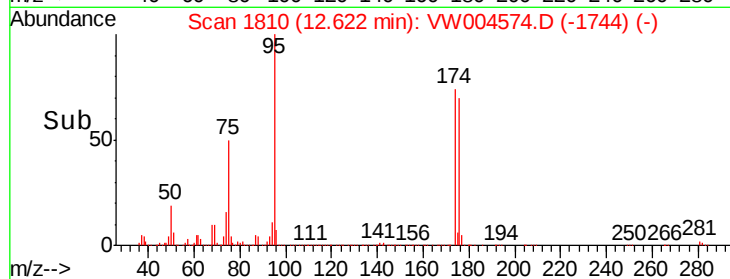
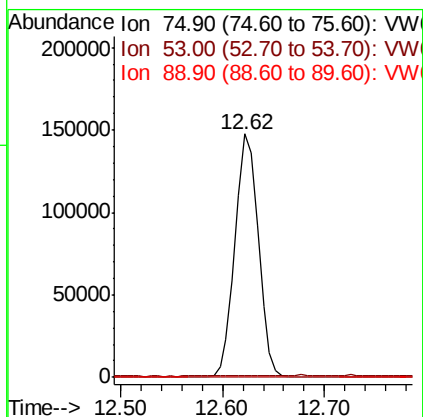
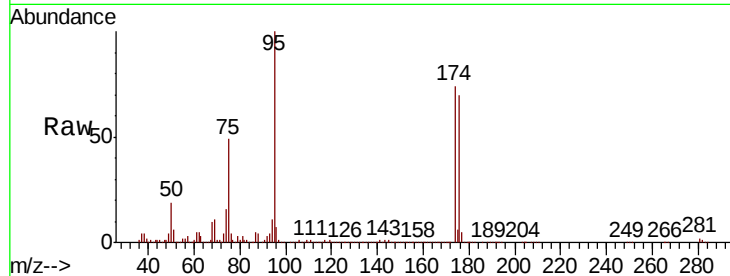




#81
trans-1,4-Dichloro-2-butene
Concen: 105.923 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.10 min
Lab File: VW004574.D
Acq: 10 Aug 2018 02:00

Instrument :
MSVOA_W
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion: 75 Resp: 233616
Ion Ratio Lower Upper
75 100
53 0.0 74.4 111.6#
89 0.0 35.9 53.9#



#95
Naphthalene
Concen: 2.974 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VW004574.D
Acq: 10 Aug 2018 02:00

Tgt Ion: 128 Resp: 1422
Ion Ratio Lower Upper
128 100
127 35.6 10.3 15.5#
129 30.7 8.6 13.0#

