

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006285.D
 Acq On : 23 Oct 2018 07:56
 Operator : VA/AP
 Sample : J5624-01
 Misc : 5.97G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SED-01

Quant Time: Oct 23 08:34:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

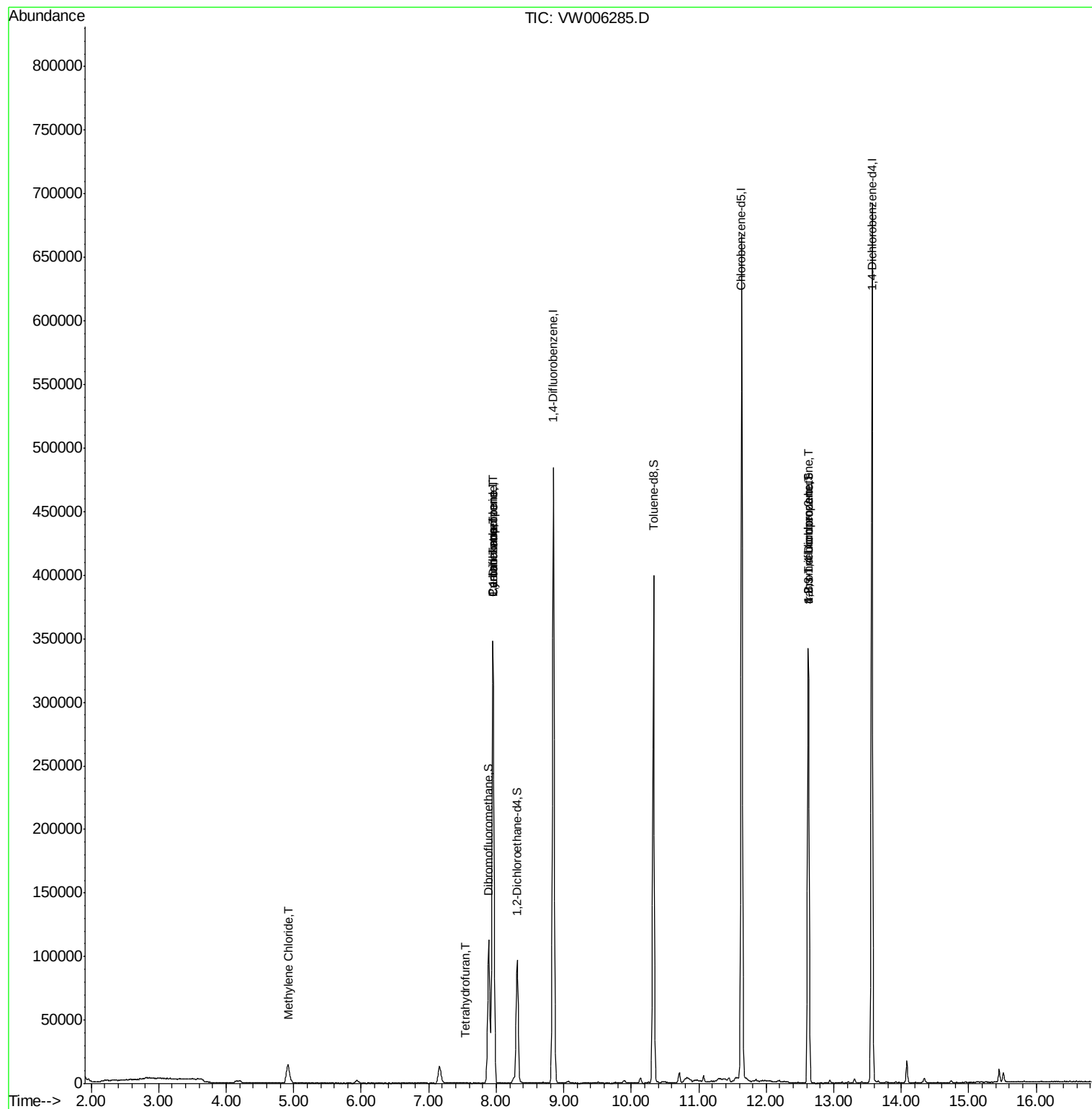
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	276457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	426416	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	385672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	190973	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	74679	32.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.16%	
35) Dibromofluoromethane	7.89	113	77969	30.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.88%	
50) Toluene-d8	10.33	98	269959	28.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.32%	
62) 4-Bromofluorobenzene	12.62	95	100531	27.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	55.84%	
Target Compounds						
16) Acetone	4.15	43	3633	Below Cal		94
20) Methylene Chloride	4.92	84	12863	3.800	ug/l	91
29) Tetrahydrofuran	7.55	42	420	1.104	ug/l #	47
31) Cyclohexane	7.95	56	5051	1.204	ug/l #	6
36) 1,1-Dichloropropene	7.95	75	18078	4.600	ug/l #	49
38) Carbon Tetrachloride	7.95	117	23972	5.564	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	51728	35.463	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	51728	84.770	ug/l #	10

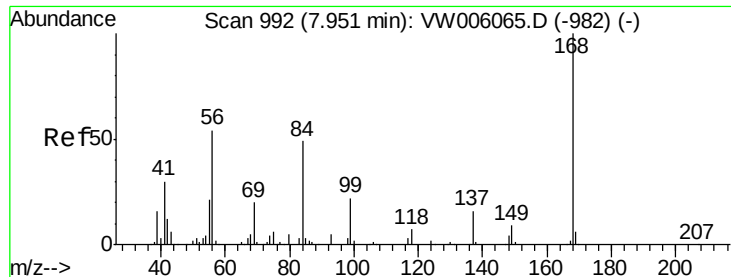
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006285.D

Acq: 23 Oct 2018 07:56

Instrument :

MSVOA_W

ClientSampleId :

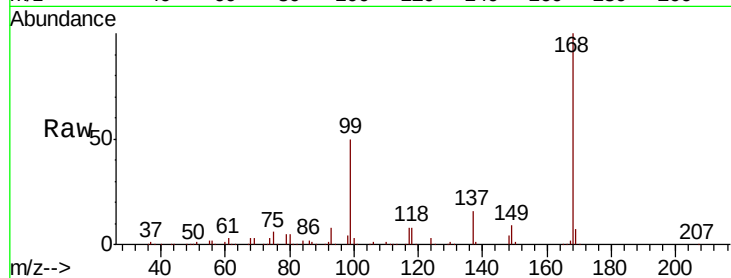
PA-SED-01

Tot Ion:168 Resp: 276457

Ion Ratio Lower Upper

168 100

99 49.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

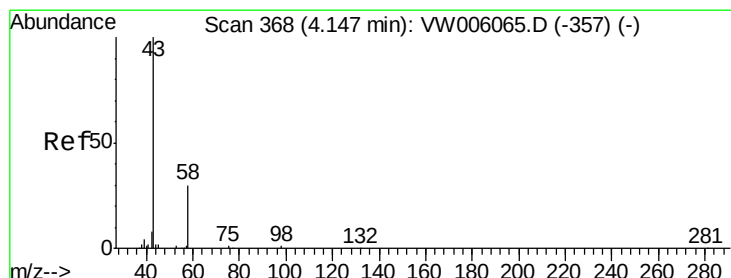
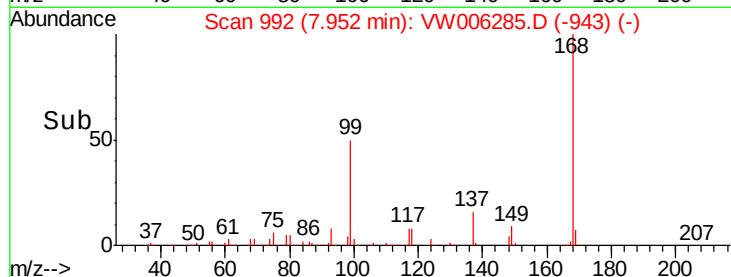
150000

100000

50000

0

Time-->



#16

Acetone

Concen: Below Cal

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006285.D

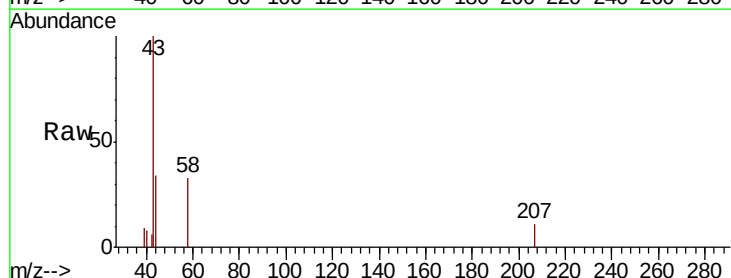
Acq: 23 Oct 2018 07:56

Tgt Ion: 43 Resp: 3633

Ion Ratio Lower Upper

43 100

58 33.0 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

1200

1000

800

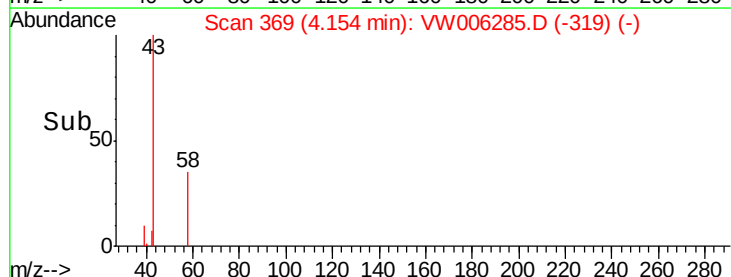
600

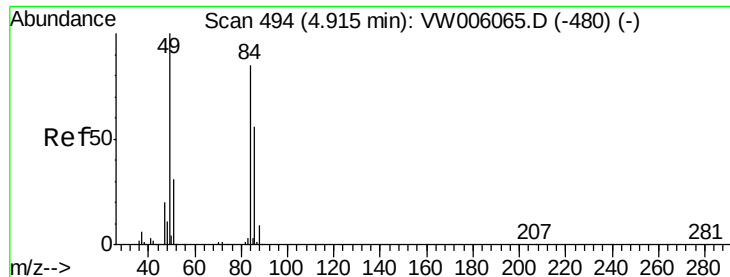
400

200

0

Time-->





#20

Methylene Chloride

Concen: 3.800 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006285.D

Acq: 23 Oct 2018 07:56

Instrument :

MSVOA_W

ClientSampleId :

PA-SED-01

Tot Ion: 84 Resp: 12863

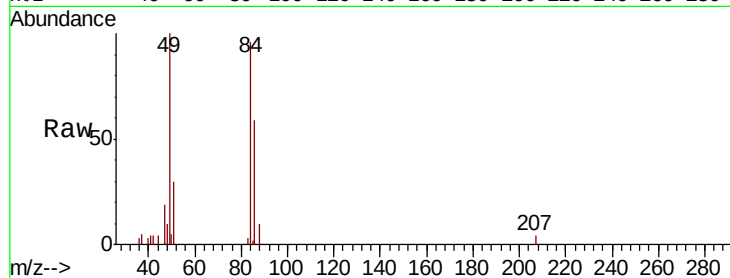
Ion Ratio Lower Upper

84 100

49 104.6 93.6 140.4

51 31.0 29.0 43.4

86 61.6 52.6 79.0



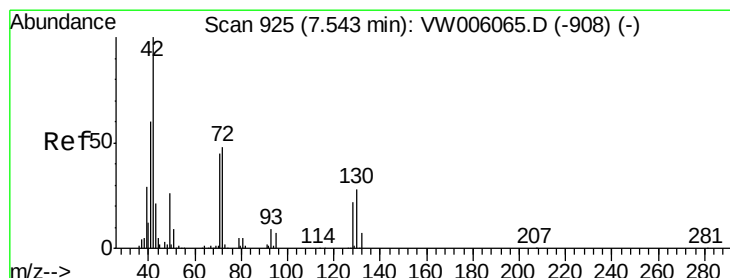
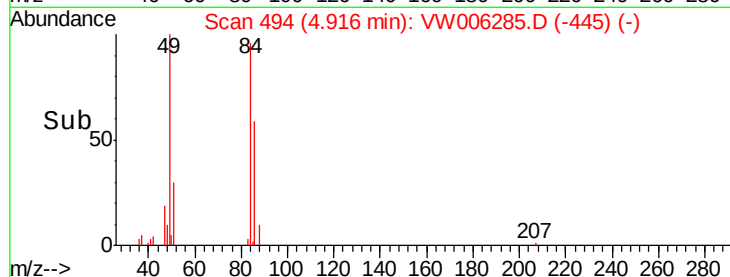
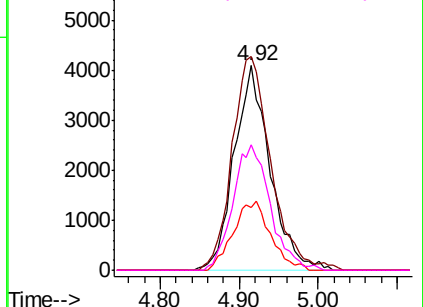
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#29

Tetrahydrofuran

Concen: 1.104 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.01 min

Lab File: VW006285.D

Acq: 23 Oct 2018 07:56

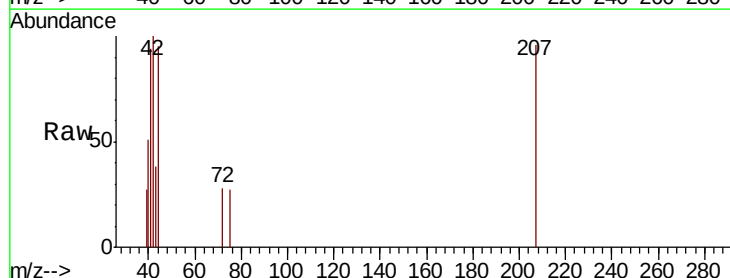
Tgt Ion: 42 Resp: 420

Ion Ratio Lower Upper

42 100

72 0.0 38.0 57.0#

71 21.7 35.3 52.9#

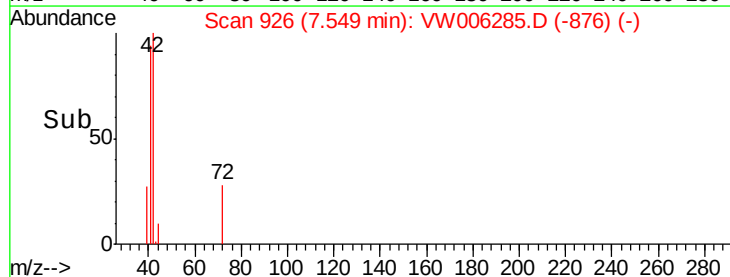
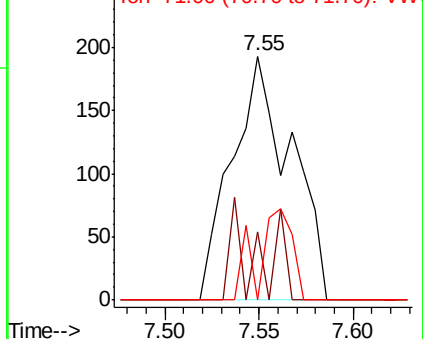


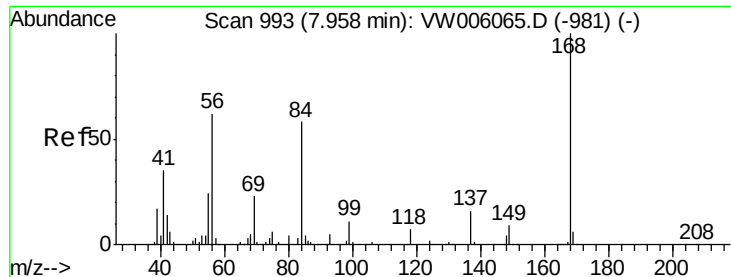
Abundance

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

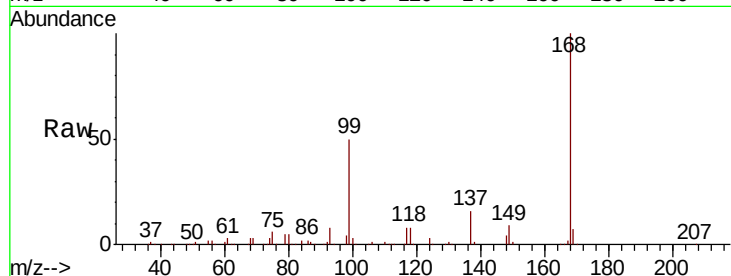




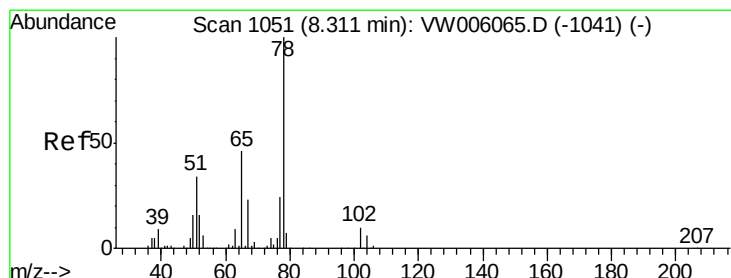
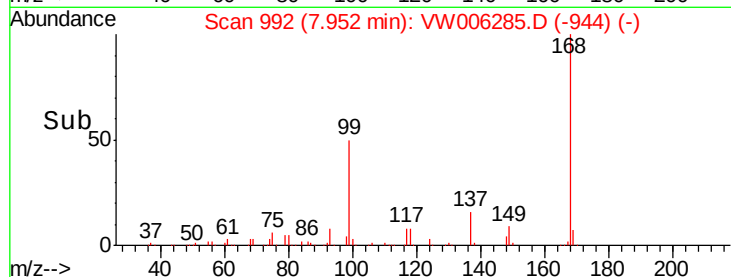
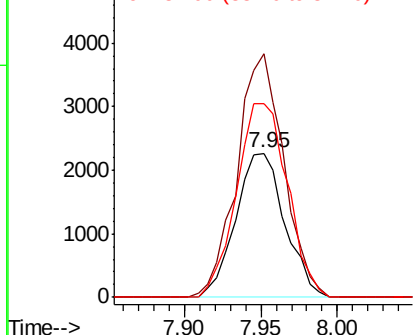
#31
Cyclohexane
Concen: 1.204 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006285.D
Acq: 23 Oct 2018 07:56

Instrument :
MSVOA_W
ClientSampled :
PA-SED-01

Tot Ion: 56 Resp: 5051
Ion Ratio Lower Upper
56 100
69 168.6 29.4 44.0#
84 134.3 74.0 111.0#

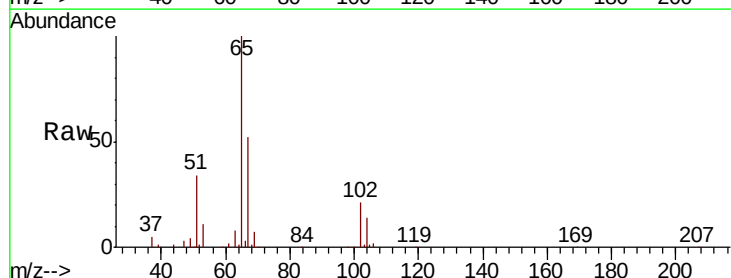


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

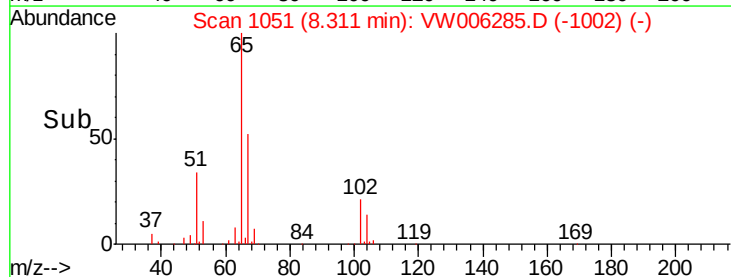
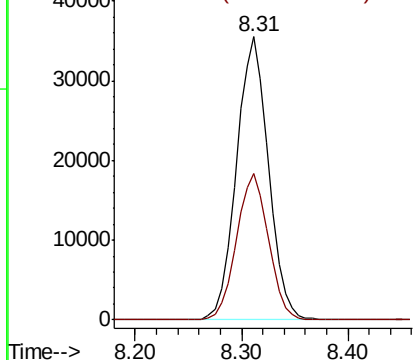


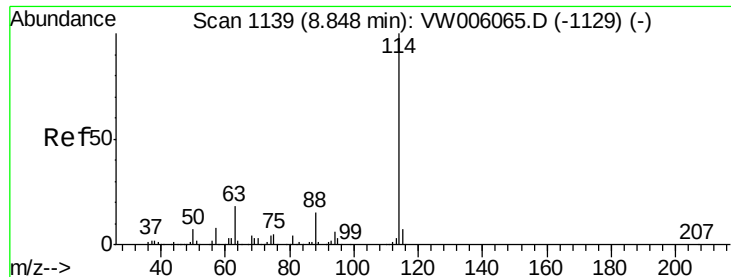
#33
1,2-Dichloroethane-d4
Concen: 32.583 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006285.D
Acq: 23 Oct 2018 07:56

Tgt Ion: 65 Resp: 74679
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

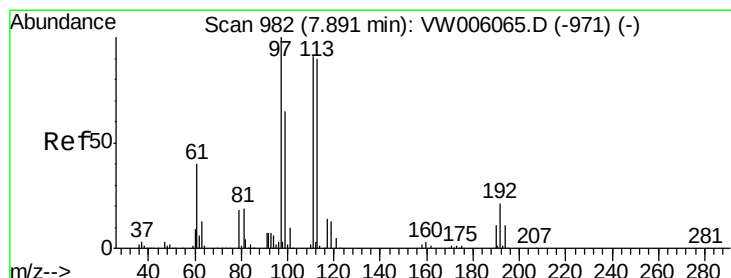
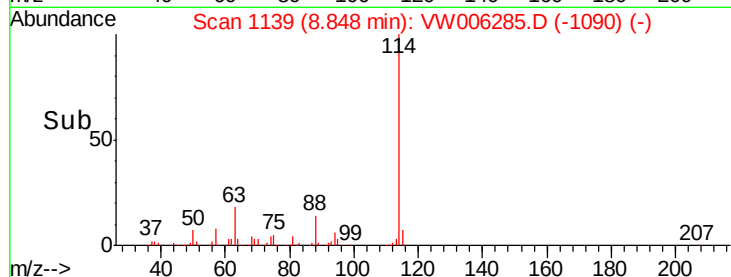
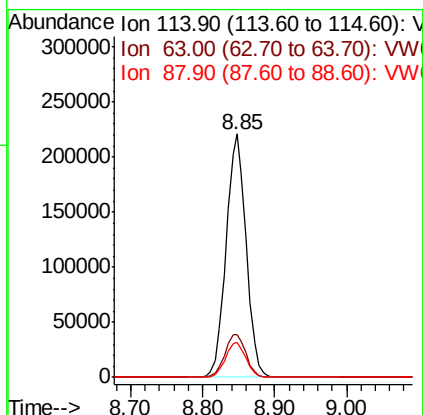
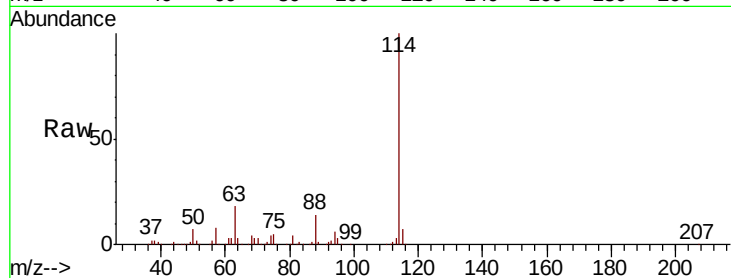




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006285.D
 Acq: 23 Oct 2018 07:56

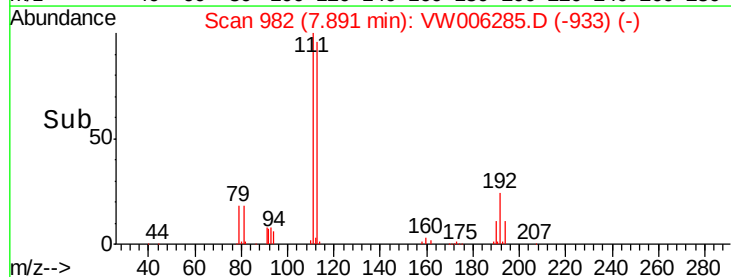
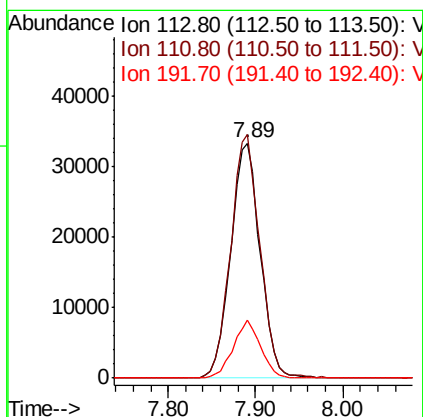
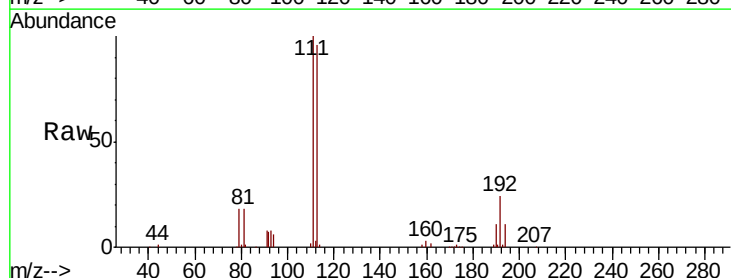
Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SED-01

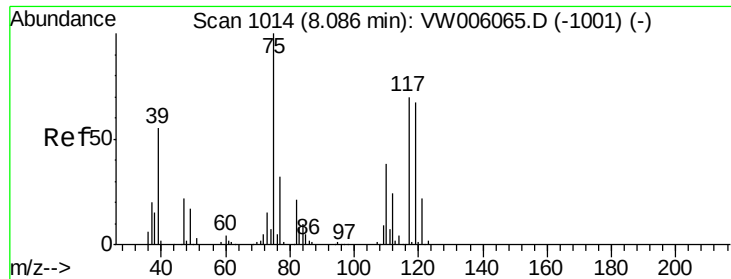
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	36.8
88	14.5	0.0	29.0



#35
 Dibromofluoromethane
 Concen: 30.944 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006285.D
 Acq: 23 Oct 2018 07:56

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.0
192	22.7	18.7	28.1

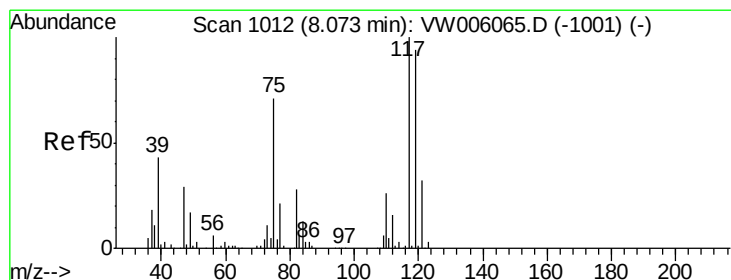
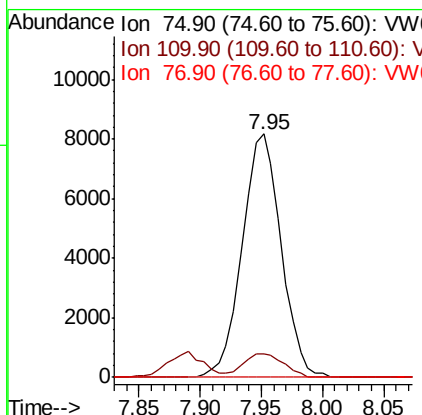
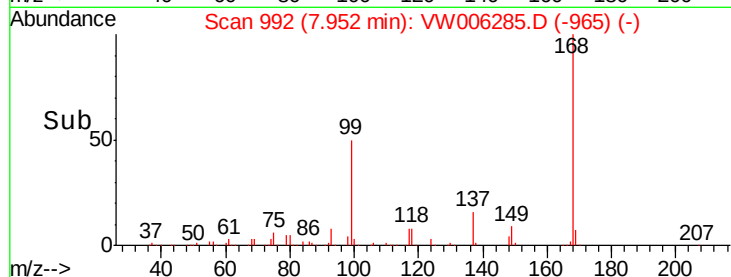
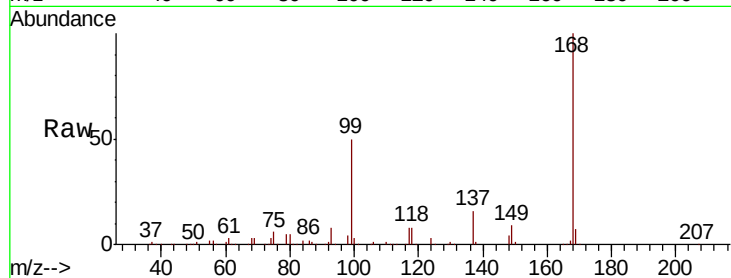




#36
 1,1-Dichloropropene
 Concen: 4.600 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006285.D
 Acq: 23 Oct 2018 07:56

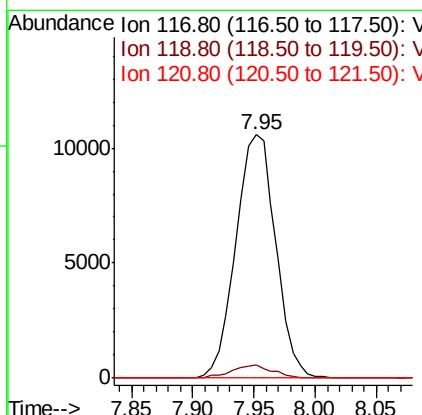
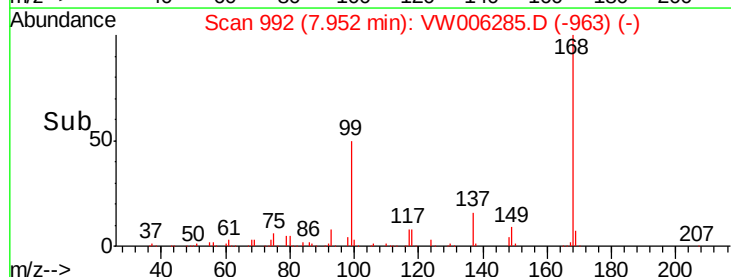
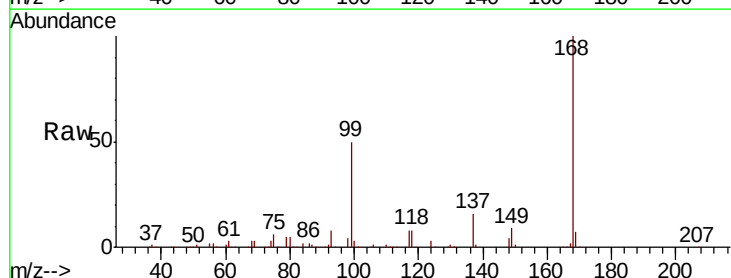
Instrument :
 MSVOA_W
 ClientSampled :
 PA-SED-01

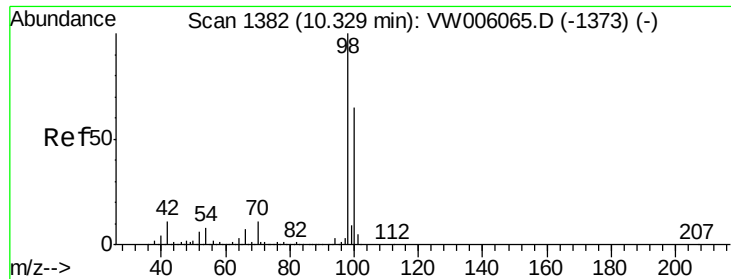
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.9	19.1	57.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.564 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006285.D
 Acq: 23 Oct 2018 07:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.4	75.2	112.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 28.161 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006285.D

Acq: 23 Oct 2018 07:56

Instrument :

MSVOA_W

ClientSampleId :

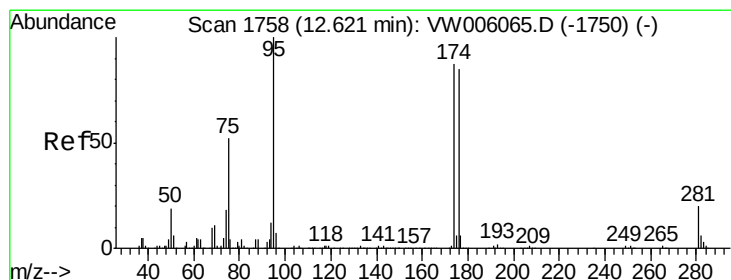
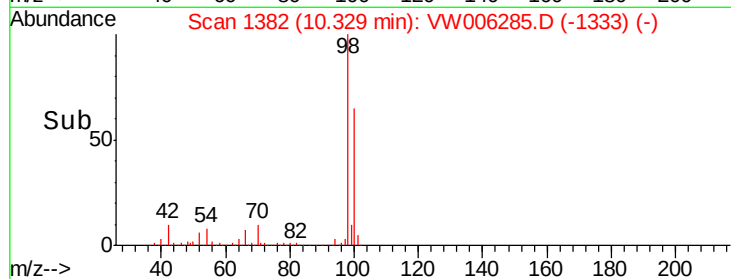
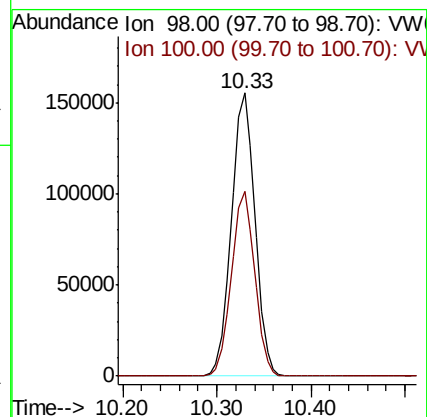
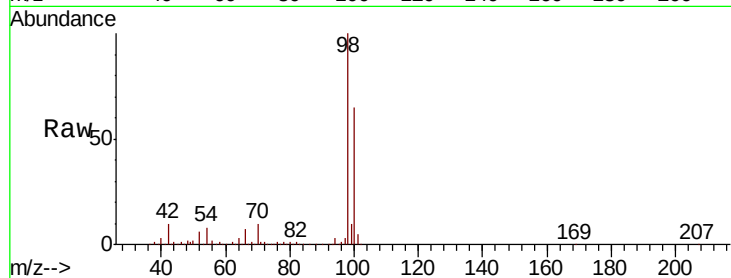
PA-SED-01

Tot Ion: 98 Resp: 269959

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 27.922 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006285.D

Acq: 23 Oct 2018 07:56

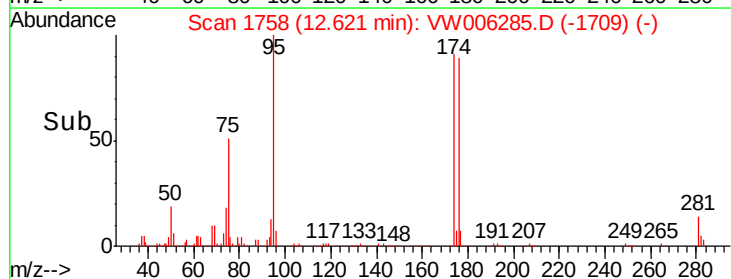
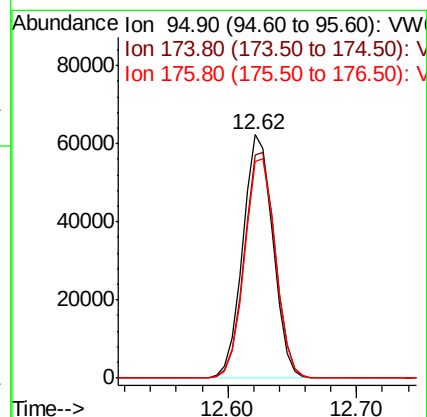
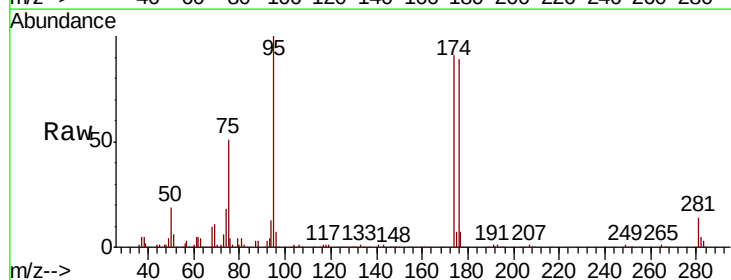
Tgt Ion: 95 Resp: 100531

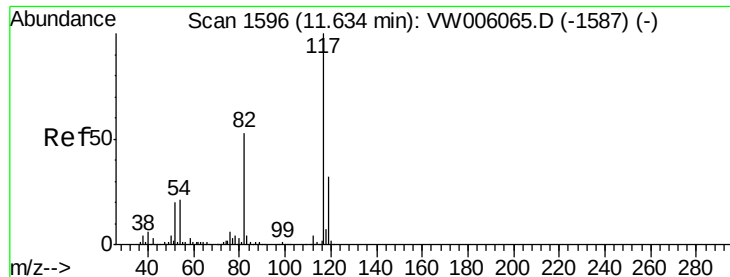
Ion Ratio Lower Upper

95 100

174 94.7 0.0 186.0

176 92.1 0.0 181.6

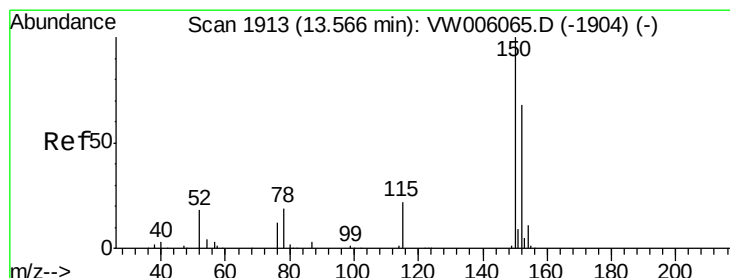
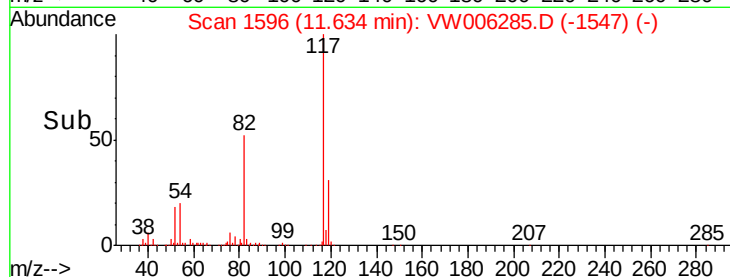
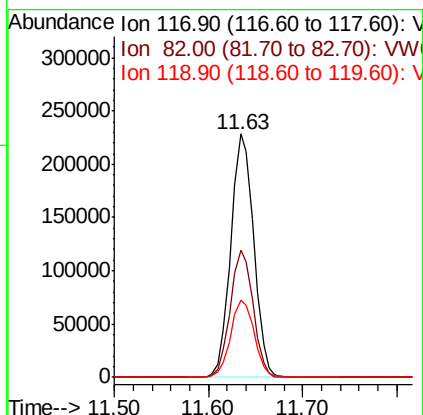
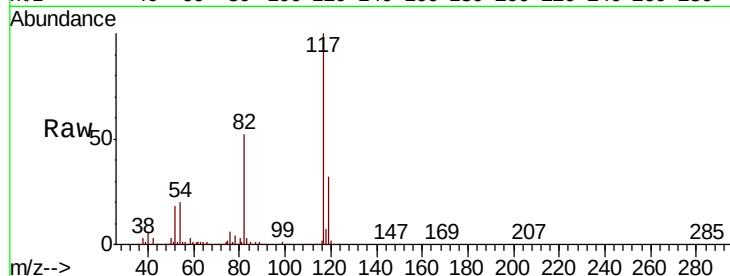




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006285.D
Acq: 23 Oct 2018 07:56

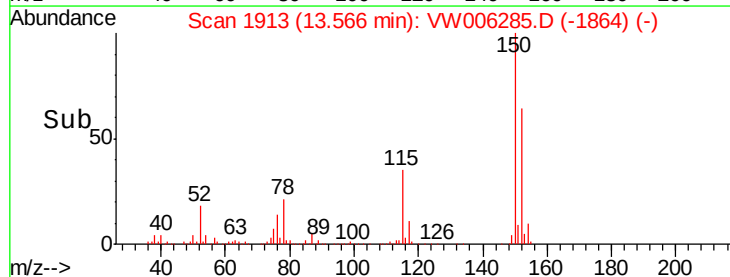
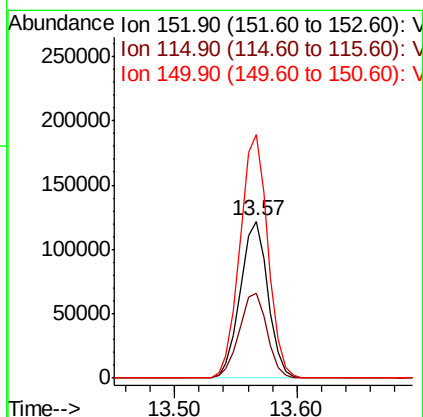
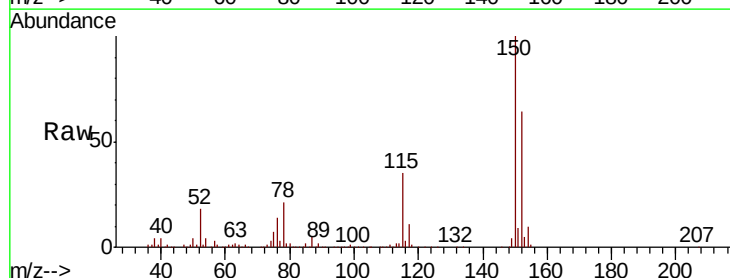
Instrument :
MSVOA_W
ClientSampleId :
PA-SED-01

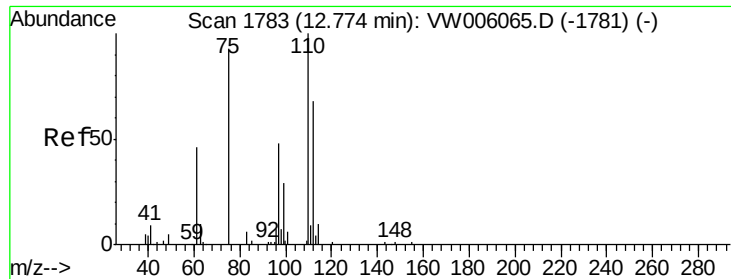
Tot Ion:117 Resp: 385672
Ion Ratio Lower Upper
117 100
82 52.4 42.1 63.1
119 31.5 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006285.D
Acq: 23 Oct 2018 07:56

Tgt Ion:152 Resp: 190973
Ion Ratio Lower Upper
152 100
115 54.5 27.8 83.3
150 156.0 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 35.463 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006285.D

Acq: 23 Oct 2018 07:56

Instrument :

MSVOA_W

ClientSampled :

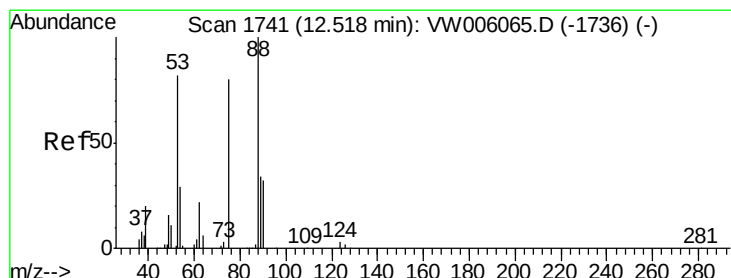
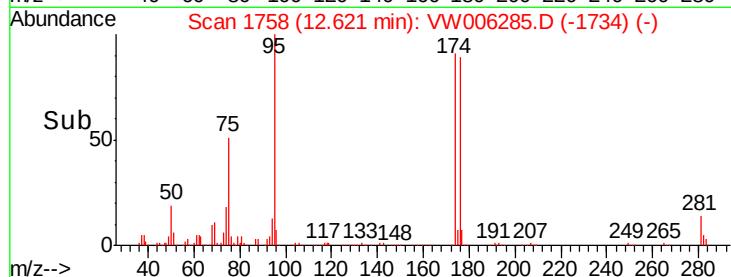
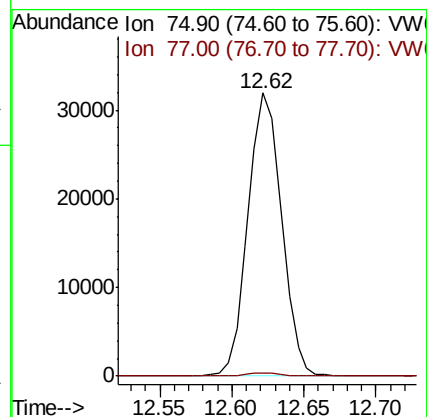
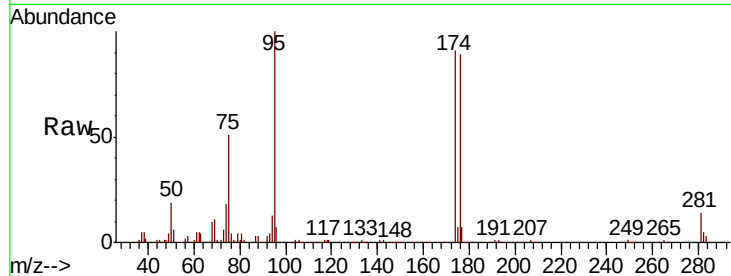
PA-SED-01

Tot Ion: 75 Resp: 51728

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 84.770 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006285.D

Acq: 23 Oct 2018 07:56

Tgt Ion: 75 Resp: 51728

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.1 37.5 56.3#

