

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006281.D
 Acq On : 23 Oct 2018 06:13
 Operator : VA/AP
 Sample : J5621-04
 Misc : 4.30G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SA-SED-02

Quant Time: Oct 23 07:06:20 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	267648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	375328	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	249489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	108546	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	72204	32.54	ug/l	0.00
Spiked Amount			Recovery	=	65.08%	
35) Dibromofluoromethane	7.89	113	71515	32.25	ug/l	0.00
Spiked Amount			Recovery	=	64.50%	
50) Toluene-d8	10.33	98	170058	20.15	ug/l	0.00
Spiked Amount			Recovery	=	40.30%	
62) 4-Bromofluorobenzene	12.62	95	65998	20.83	ug/l	0.00
Spiked Amount			Recovery	=	41.66%	

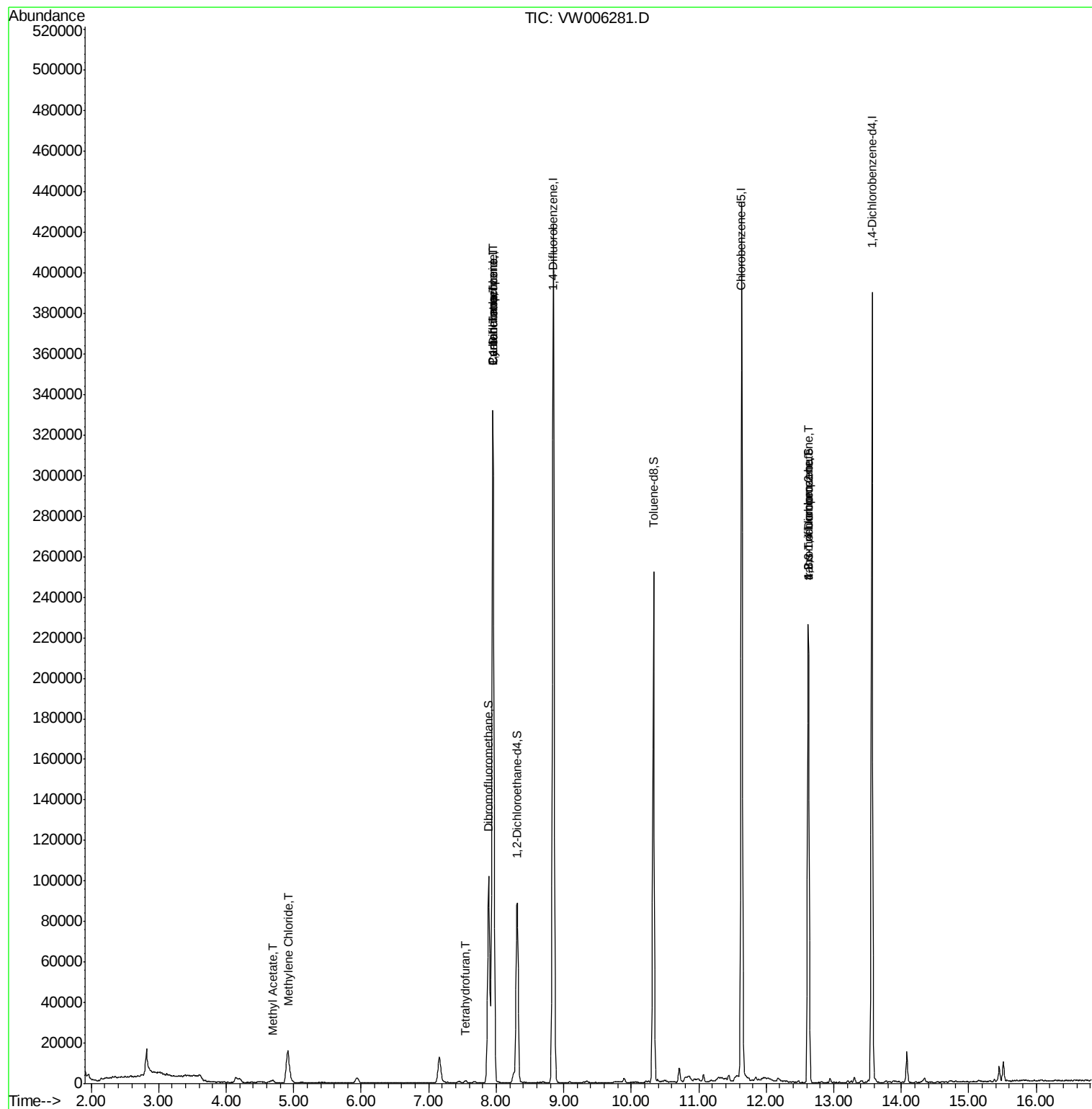
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	5772	Below Cal		97
18) Methyl Acetate	4.68	43	2277	2.039	ug/l #	88
20) Methylene Chloride	4.91	84	13952	4.460	ug/l	94
29) Tetrahydrofuran	7.54	42	725	1.968	ug/l #	80
31) Cyclohexane	7.95	56	4889	1.204	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17035	4.924	ug/l #	49
38) Carbon Tetrachloride	7.95	117	23647	6.235	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	33211	40.058	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	33211	95.754	ug/l #	10

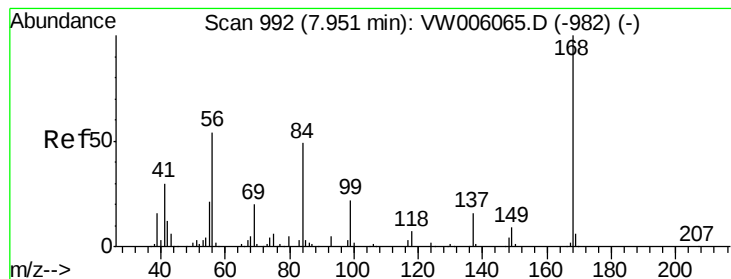
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
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: VW006281.D

Acq: 23 Oct 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

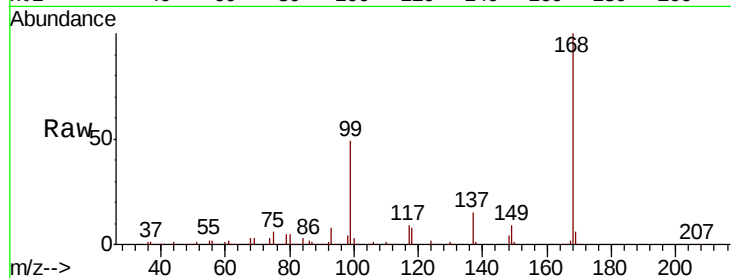
SA-SED-02

Tot Ion:168 Resp: 267648

Ion Ratio Lower Upper

168 100

99 49.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

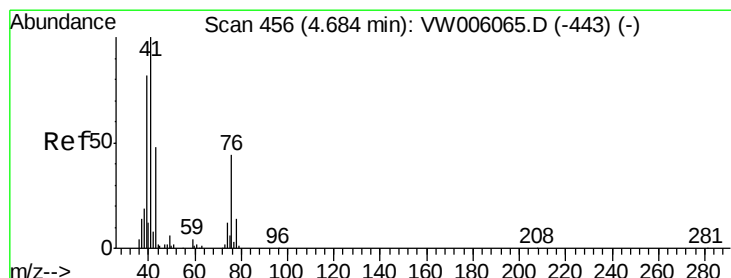
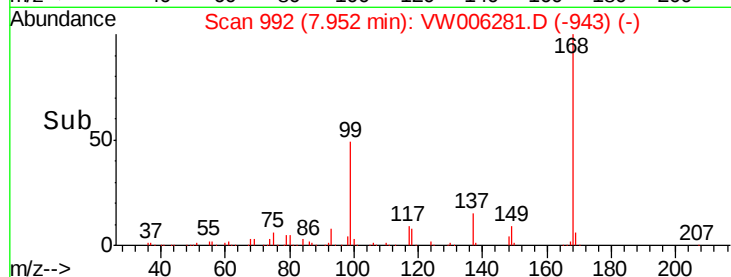
100000

50000

0

Time-->

7.90 8.00 8.10



#18

Methyl Acetate

Concen: 2.039 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW006281.D

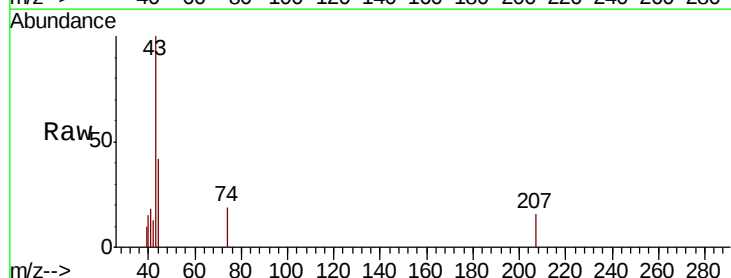
Acq: 23 Oct 2018 06:13

Tgt Ion: 43 Resp: 2277

Ion Ratio Lower Upper

43 100

74 19.5 20.5 30.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

800

600

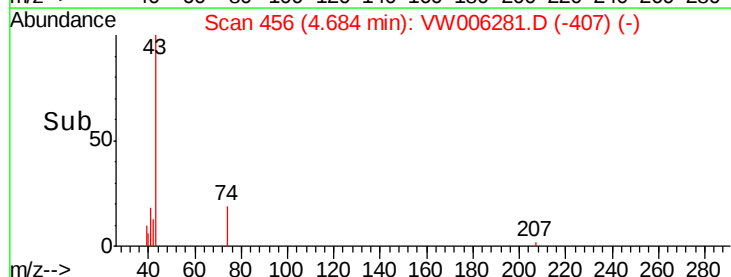
400

200

0

Time-->

4.60 4.70 4.80

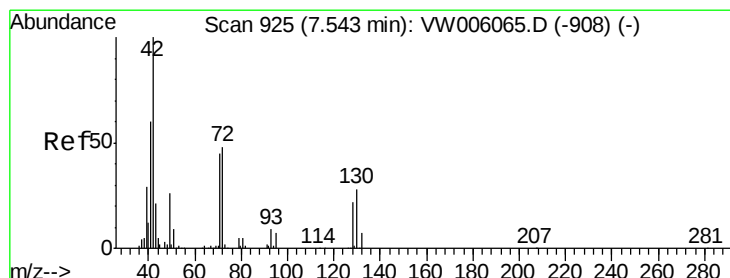
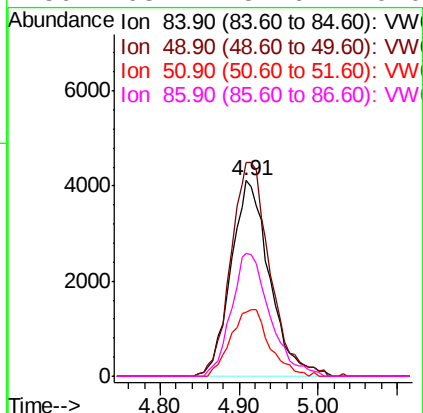
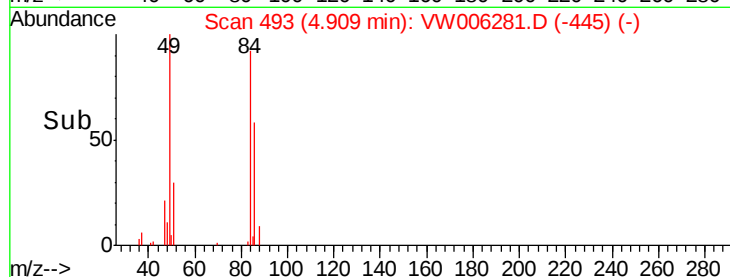
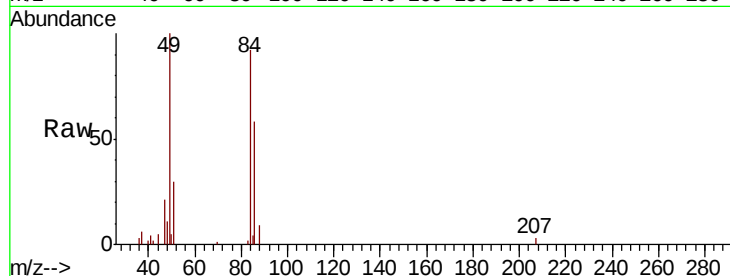




#20
Methylene Chloride
Concen: 4.460 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006281.D
Acq: 23 Oct 2018 06:13

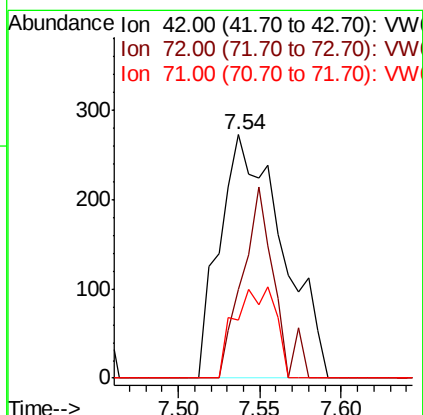
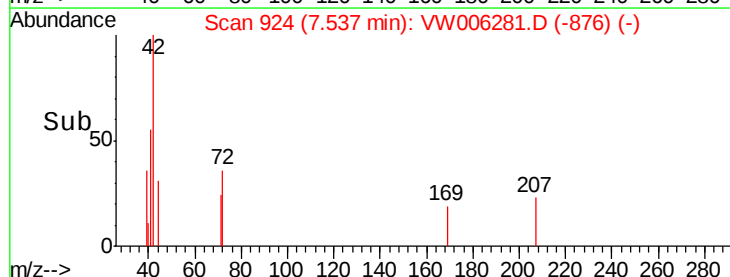
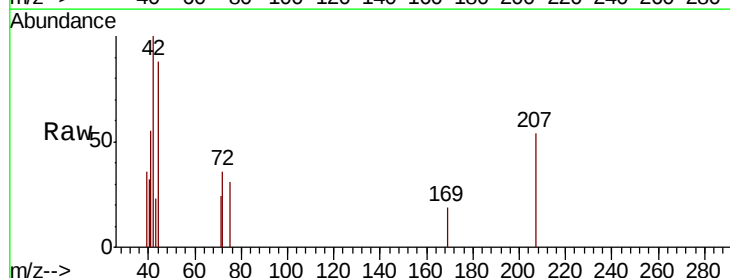
Instrument :
MSVOA_W
ClientSampled :
SA-SED-02

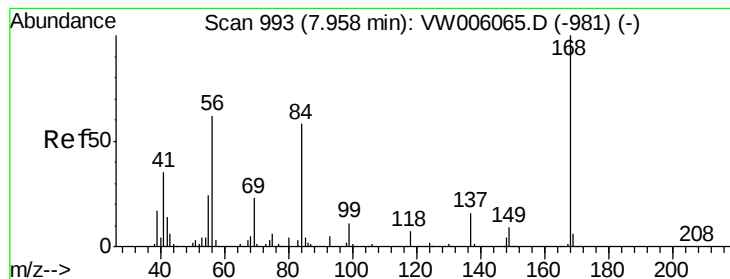
Tot Ion:	84	Resp:	13952
Ion	Ratio	Lower	Upper
84	100		
49	109.3	93.6	140.4
51	32.5	29.0	43.4
86	63.1	52.6	79.0



#29
Tetrahydrofuran
Concen: 1.968 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006281.D
Acq: 23 Oct 2018 06:13

Tgt Ion:	42	Resp:	725
Ion	Ratio	Lower	Upper
42	100		
72	40.4	38.0	57.0
71	24.4	35.3	52.9#





#31

Cyclohexane

Concen: 1.204 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006281.D

Acq: 23 Oct 2018 06:13

Instrument :

MSVOA_W

ClientSampled :

SA-SED-02

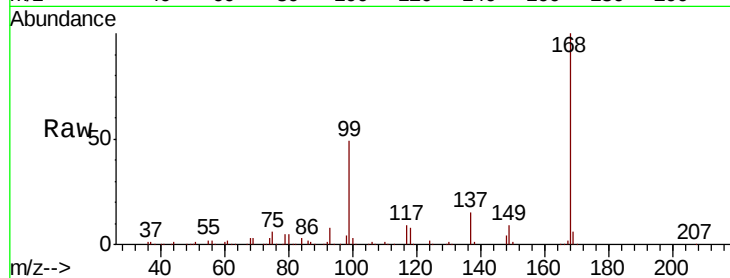
Tot Ion: 56 Resp: 4889

Ion Ratio Lower Upper

56 100

69 169.1 29.4 44.0#

84 144.1 74.0 111.0#

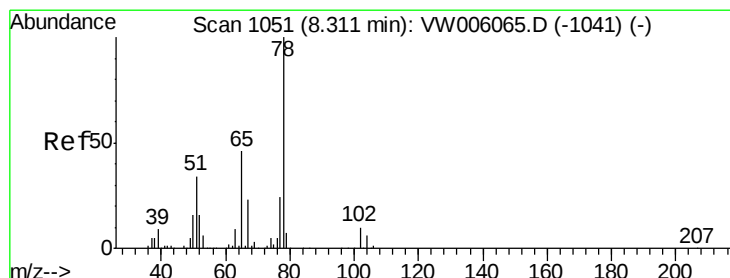
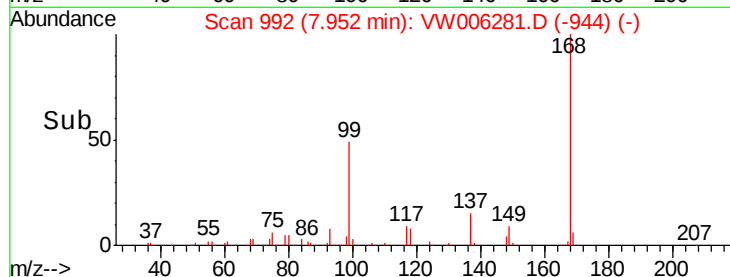
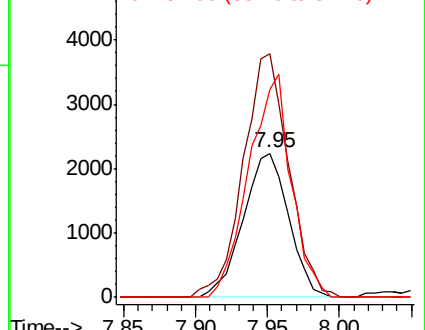


Abundance

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: 32.540 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006281.D

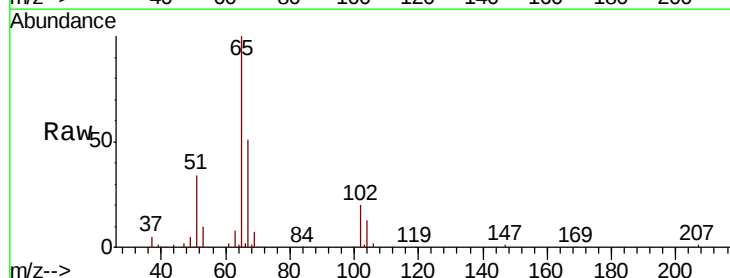
Acq: 23 Oct 2018 06:13

Tgt Ion: 65 Resp: 72204

Ion Ratio Lower Upper

65 100

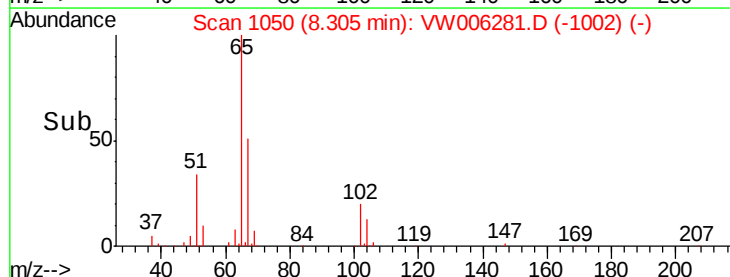
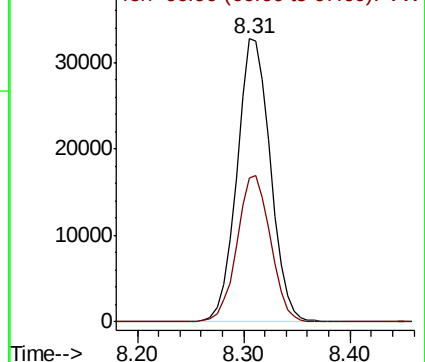
67 51.7 0.0 101.0

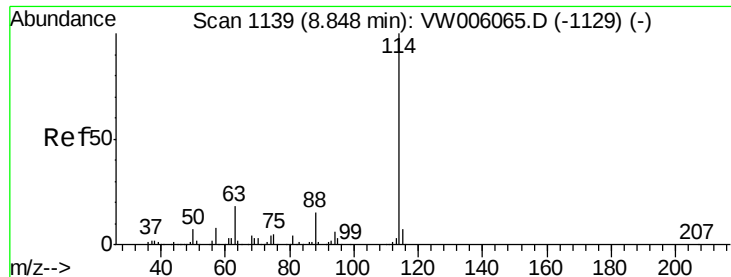


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

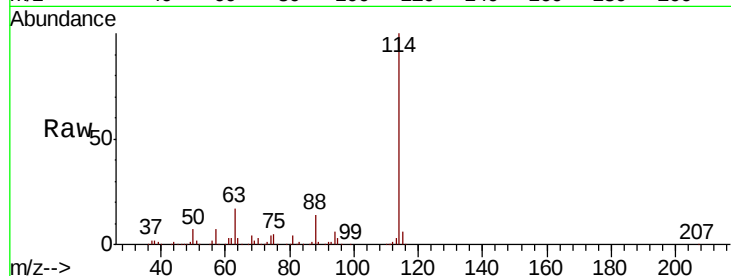




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006281.D
 Acq: 23 Oct 2018 06:13

Instrument :
 MSVOA_W
 ClientSampleId :
 SA-SED-02

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	36.8
88	14.3	0.0	29.0

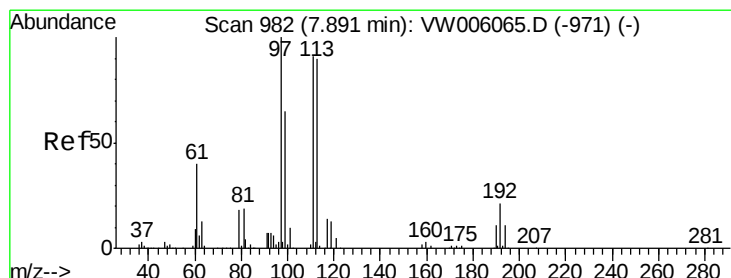
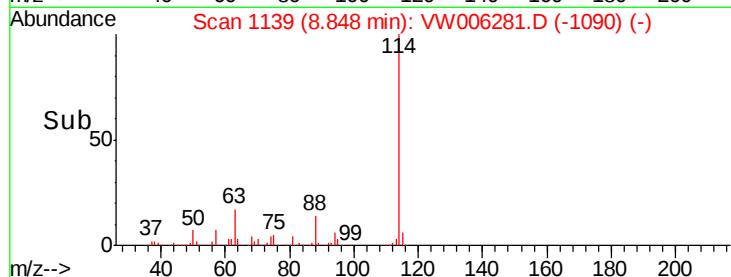
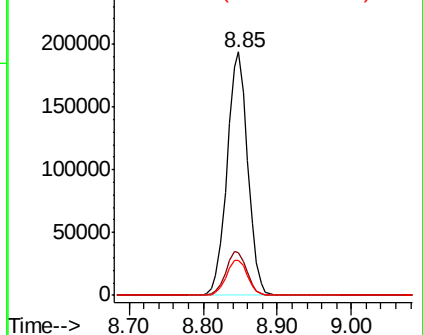


Abundance

Ion 113.90 (113.60 to 114.60): V

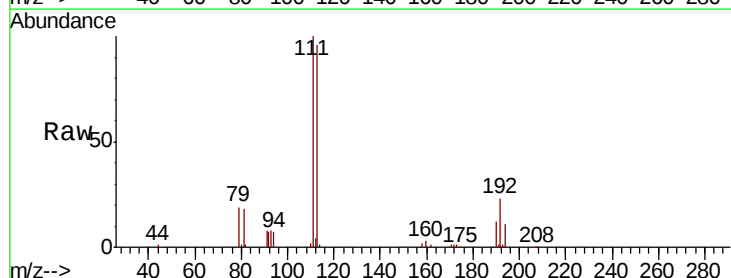
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 32.246 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006281.D
 Acq: 23 Oct 2018 06:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.4	122.0
192	23.2	18.7	28.1

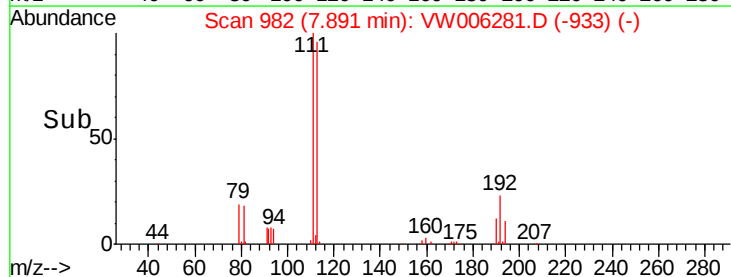
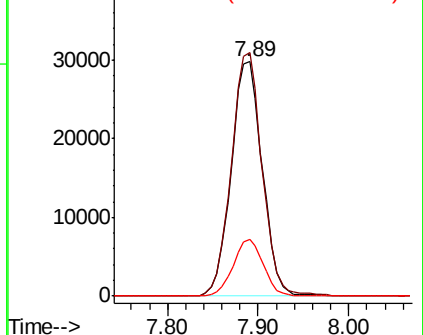


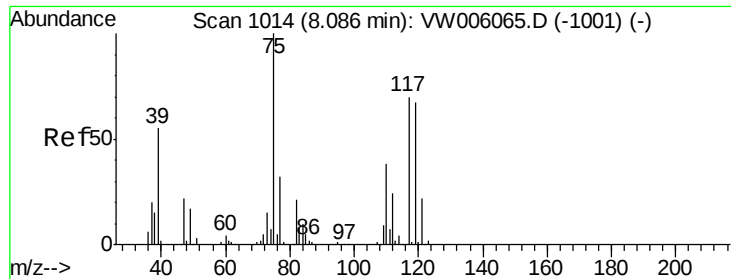
Abundance

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

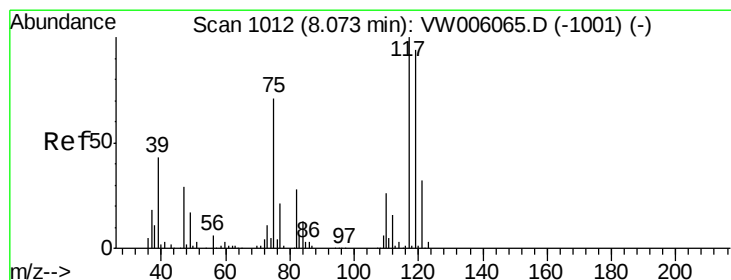
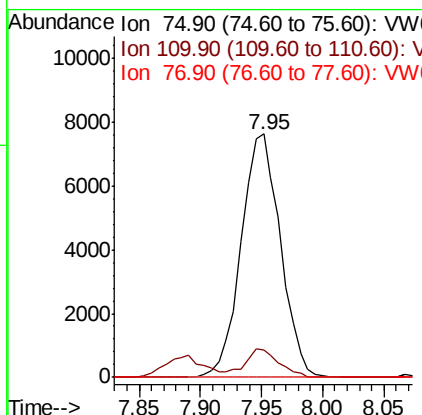
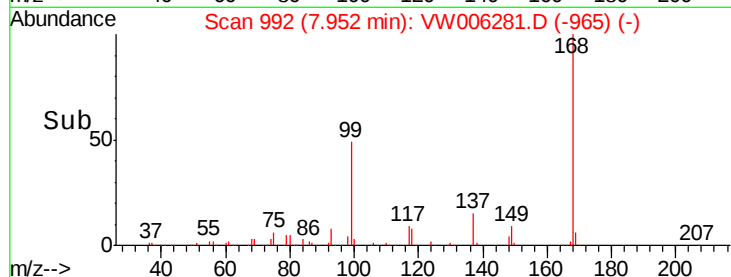
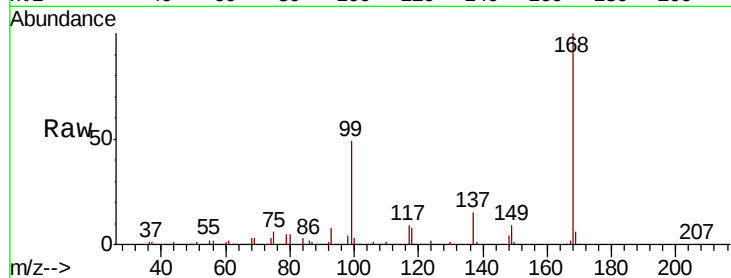




#36
 1,1-Dichloropropene
 Concen: 4.924 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006281.D
 Acq: 23 Oct 2018 06:13

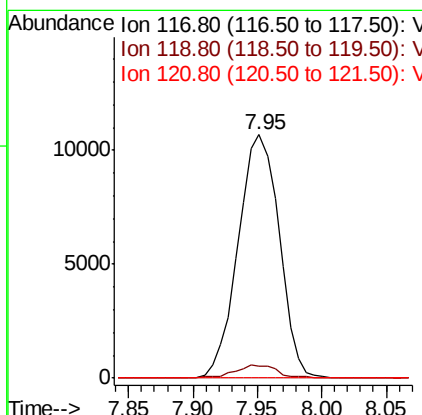
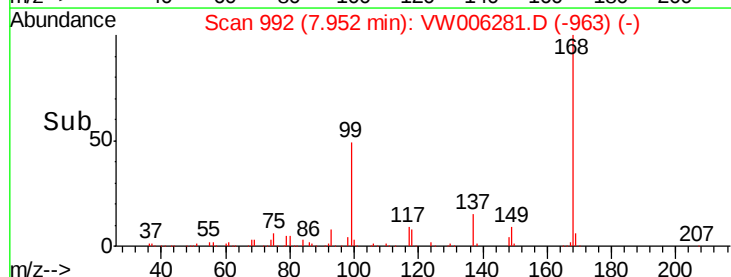
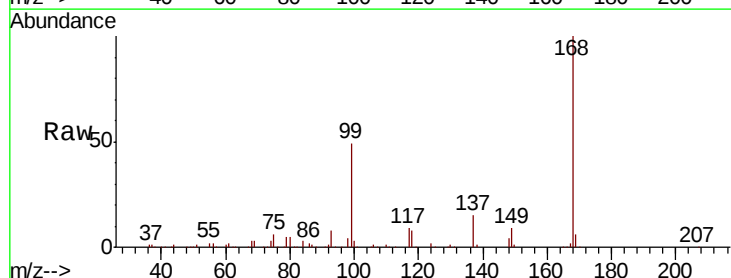
Instrument :
 MSVOA_W
 ClientSampleID :
 SA-SED-02

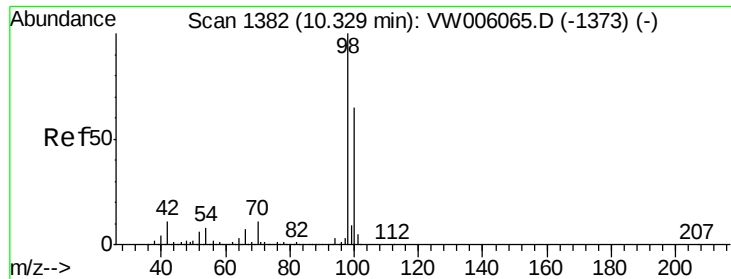
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.9	19.1	57.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.235 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006281.D
 Acq: 23 Oct 2018 06:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.0	75.2	112.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 20.155 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006281.D

Acq: 23 Oct 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

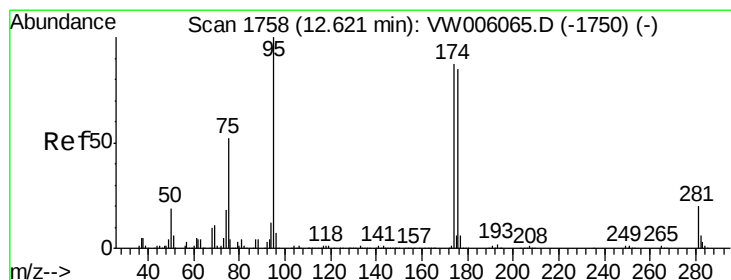
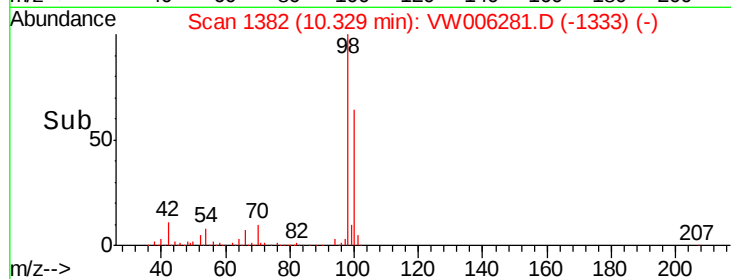
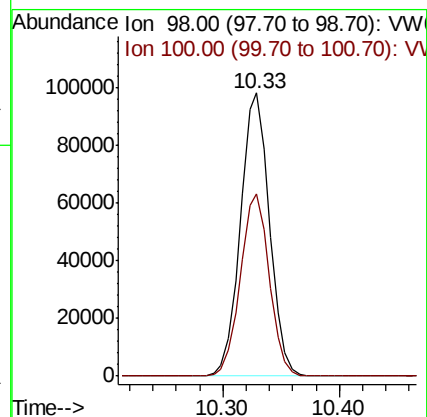
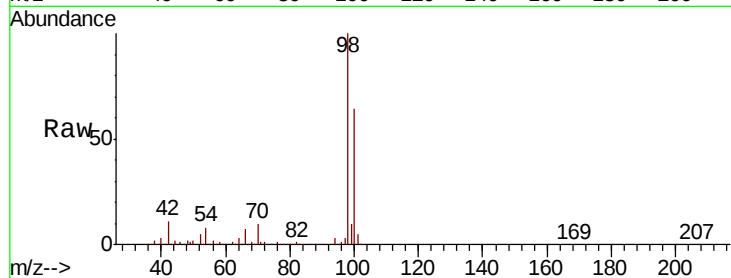
SA-SED-02

Tot Ion: 98 Resp: 170058

Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 20.826 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006281.D

Acq: 23 Oct 2018 06:13

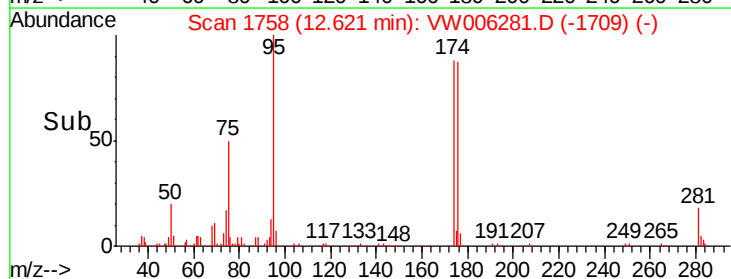
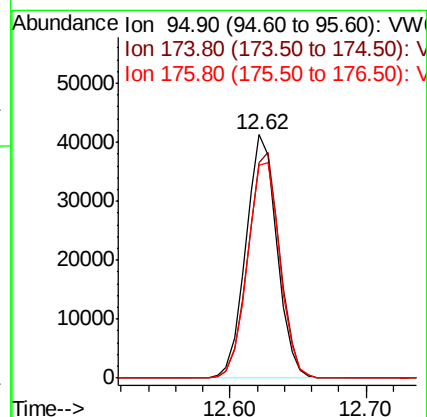
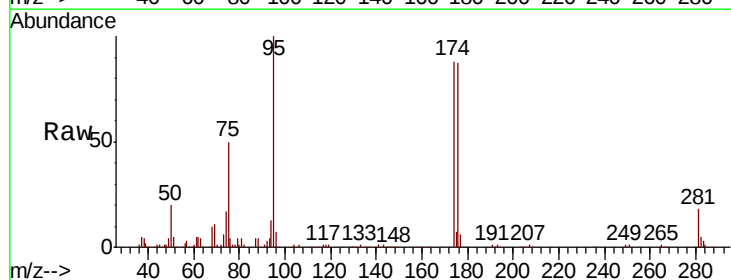
Tgt Ion: 95 Resp: 65998

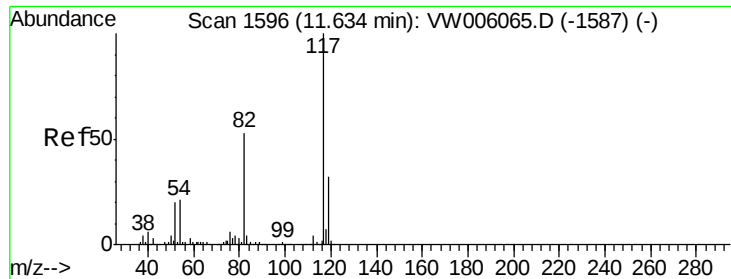
Ion Ratio Lower Upper

95 100

174 95.0 0.0 186.0

176 92.8 0.0 181.6

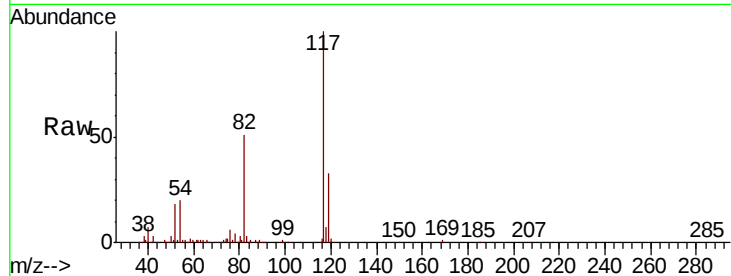




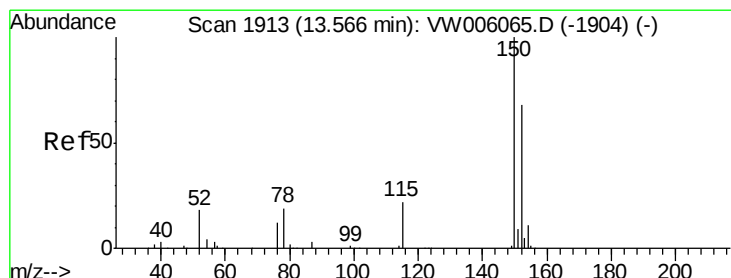
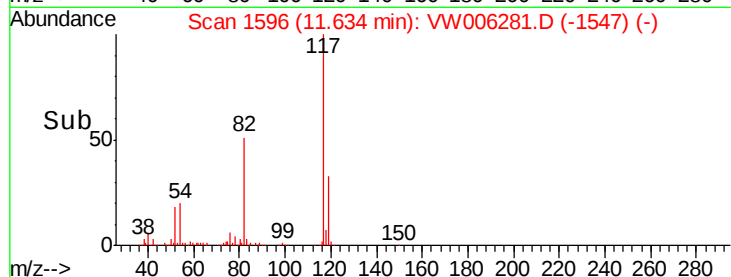
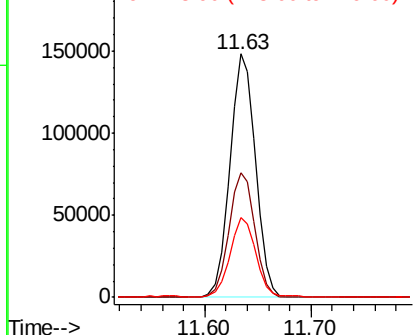
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006281.D
Acq: 23 Oct 2018 06:13

Instrument :
MSVOA_W
ClientSampleId :
SA-SED-02

Tot Ion:117 Resp: 249489
Ion Ratio Lower Upper
117 100
82 51.2 42.1 63.1
119 32.5 25.8 38.6

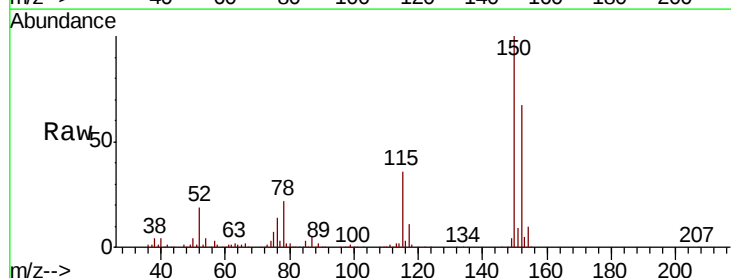


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

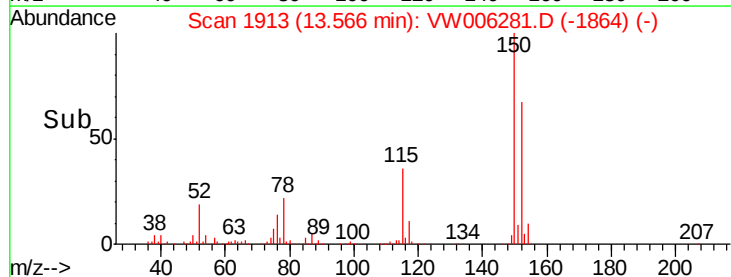
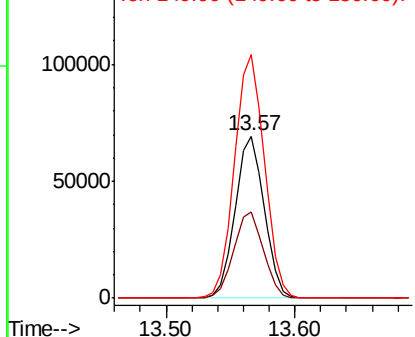


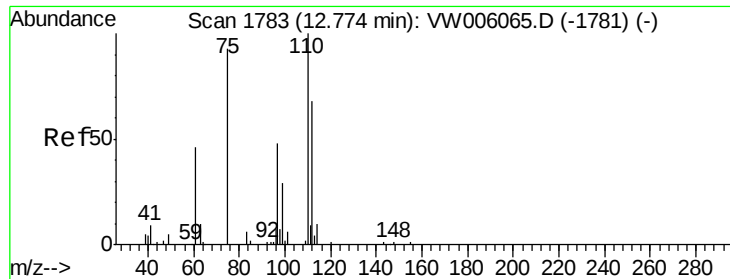
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006281.D
Acq: 23 Oct 2018 06:13

Tgt Ion:152 Resp: 108546
Ion Ratio Lower Upper
152 100
115 54.3 27.8 83.3
150 154.8 0.0 349.2



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: 40.058 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006281.D

Acq: 23 Oct 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

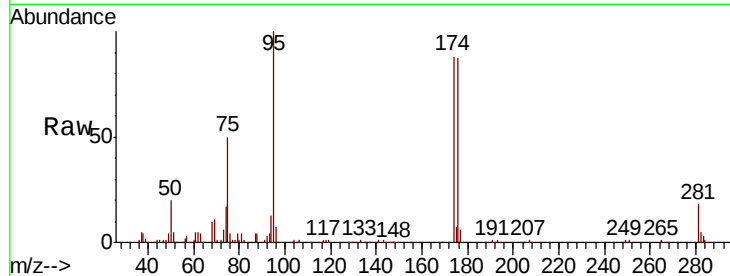
SA-SED-02

Tot Ion: 75 Resp: 33211

Ion Ratio Lower Upper

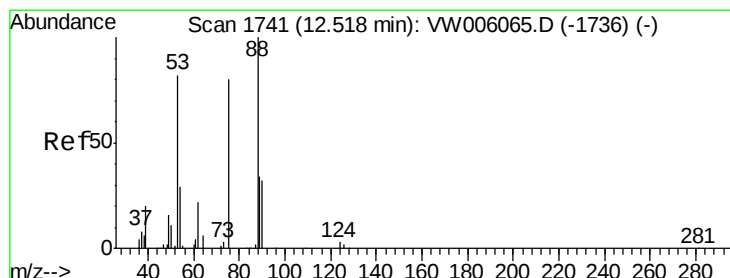
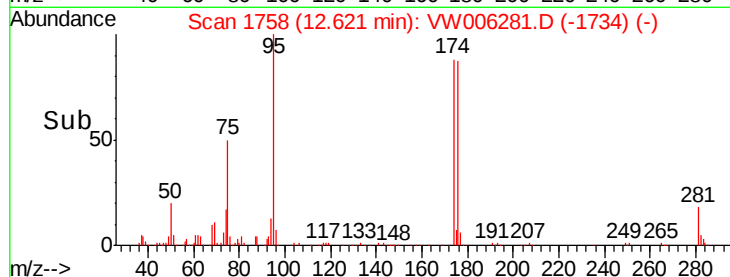
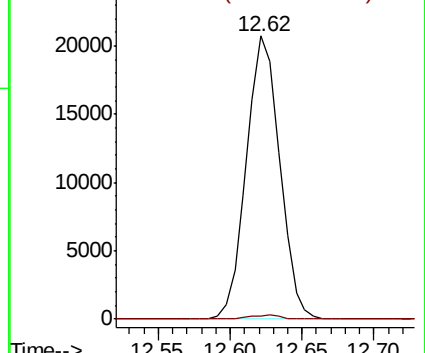
75 100

77 1.1 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: 95.754 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006281.D

Acq: 23 Oct 2018 06:13

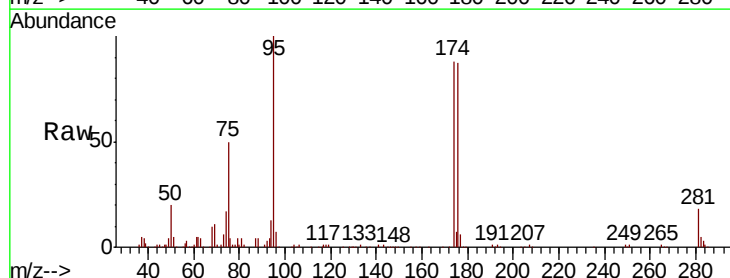
Tgt Ion: 75 Resp: 33211

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#



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

