

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006280.D
 Acq On : 23 Oct 2018 05:47
 Operator : VA/AP
 Sample : J5621-03
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SA-SED-01

Quant Time: Oct 23 07:06:10 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

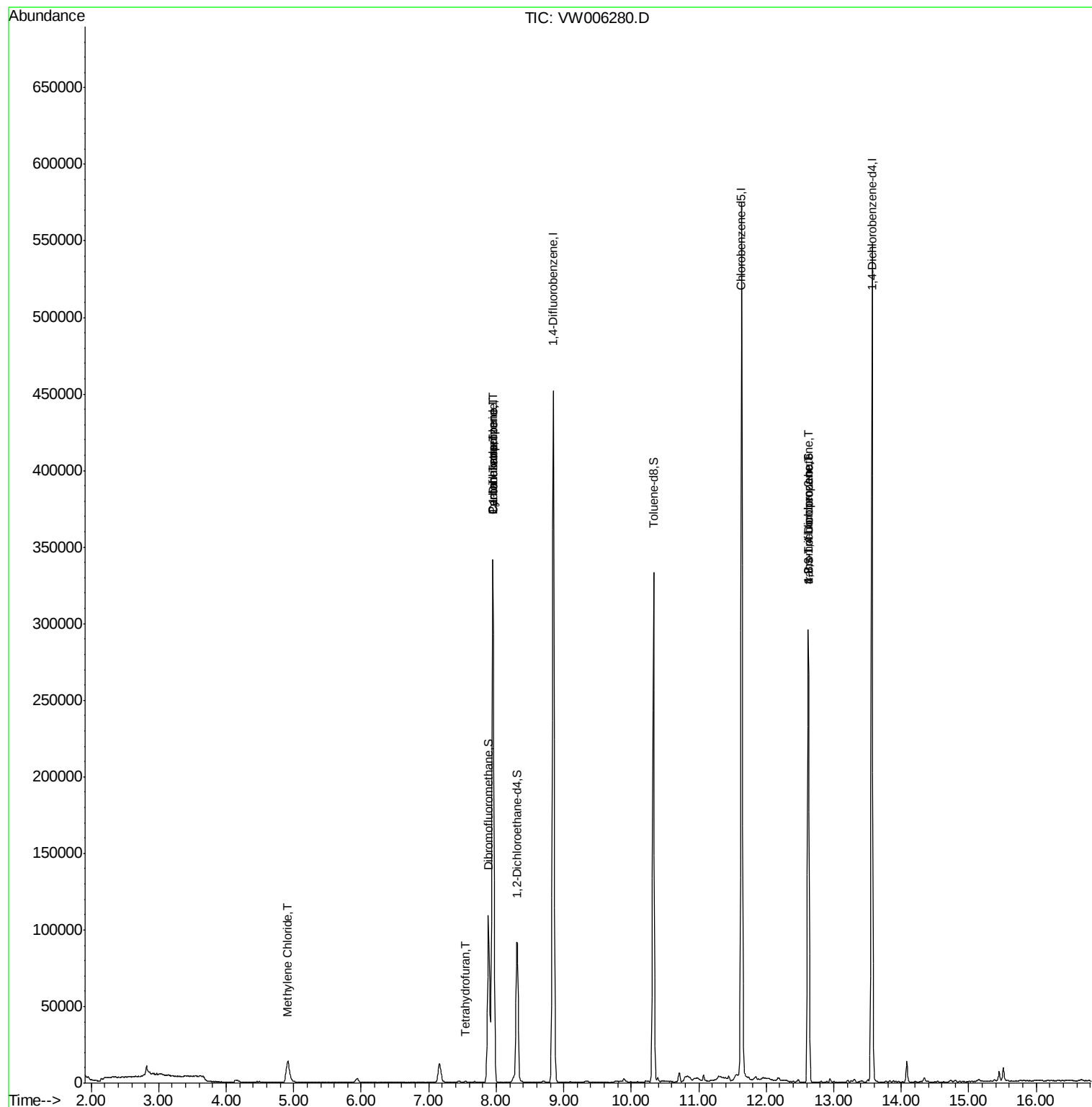
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	274000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	403958	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	327438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	153308	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	75289	33.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.28%	
35) Dibromofluoromethane	7.88	113	75502	31.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.26%	
50) Toluene-d8	10.33	98	228906	25.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	50.42%	
62) 4-Bromofluorobenzene	12.62	95	85947	25.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	50.40%	
Target Compounds						
					Qvalue	
16) Acetone	4.15	43	3618	Below Cal	#	88
20) Methylene Chloride	4.91	84	13028	3.920	ug/l	91
29) Tetrahydrofuran	7.55	42	561	1.487	ug/l	92
31) Cyclohexane	7.95	56	4949	1.191	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17875	4.801	ug/l #	49
38) Carbon Tetrachloride	7.95	117	24576	6.021	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	44020	37.593	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	44020	89.861	ug/l #	10

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

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Quant Time: Oct 23 07:06:10 2018
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: VW006280.D

Acq: 23 Oct 2018 05:47

Instrument :

MSVOA_W

ClientSampleId :

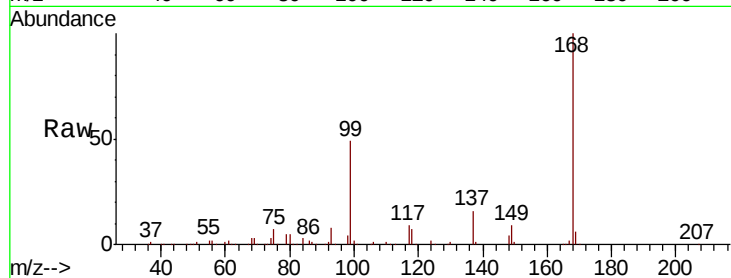
SA-SED-01

Tot Ion:168 Resp: 274000

Ion Ratio Lower Upper

168 100

99 49.3 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

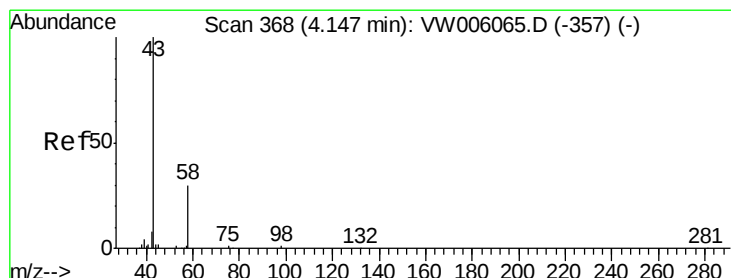
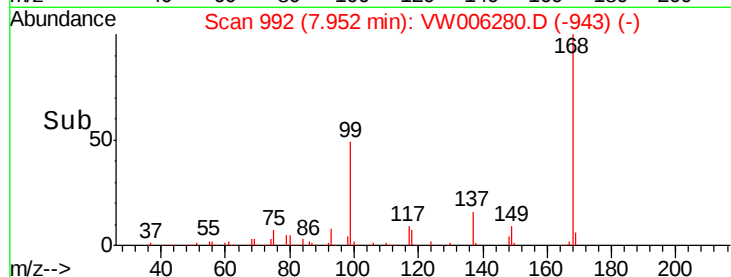
150000

100000

50000

0

Time-->



#16

Acetone

Concen: Below Cal

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006280.D

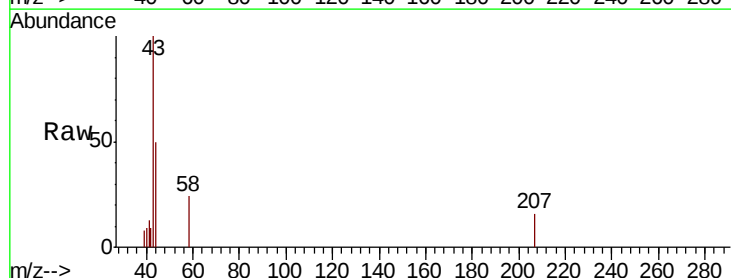
Acq: 23 Oct 2018 05:47

Tgt Ion: 43 Resp: 3618

Ion Ratio Lower Upper

43 100

58 23.7 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

1000

800

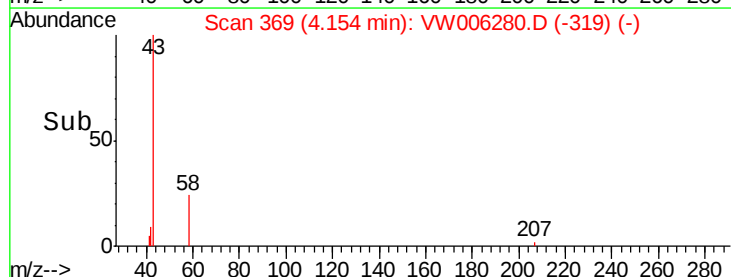
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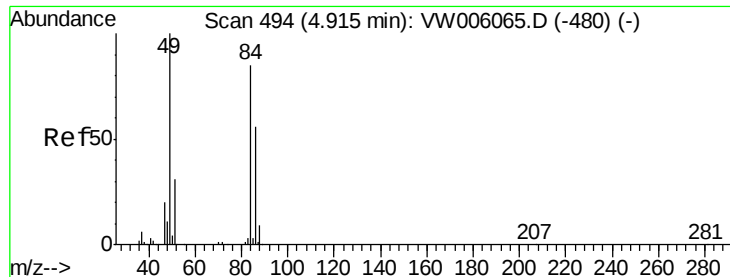
400

200

0

Time-->





#20

Methylene Chloride

Concen: 3.920 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006280.D

Acq: 23 Oct 2018 05:47

Instrument :

MSVOA_W

ClientSampleId :

SA-SED-01

Tot Ion: 84 Resp: 13028

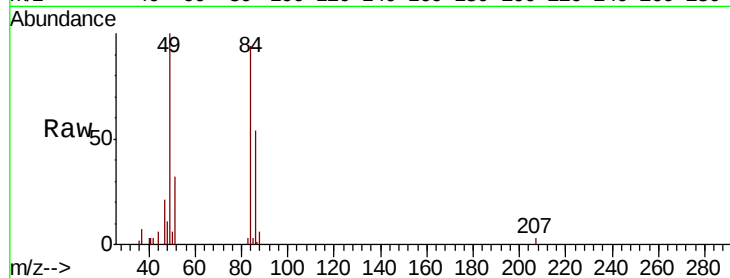
Ion Ratio Lower Upper

84 100

49 106.7 93.6 140.4

51 34.6 29.0 43.4

86 57.3 52.6 79.0

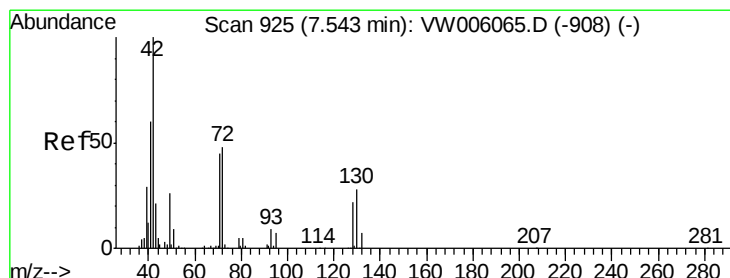
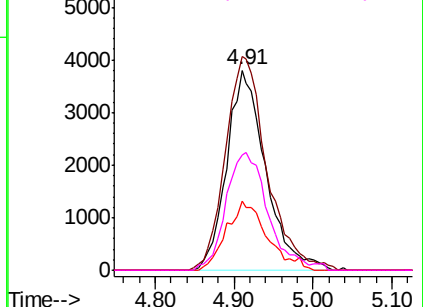
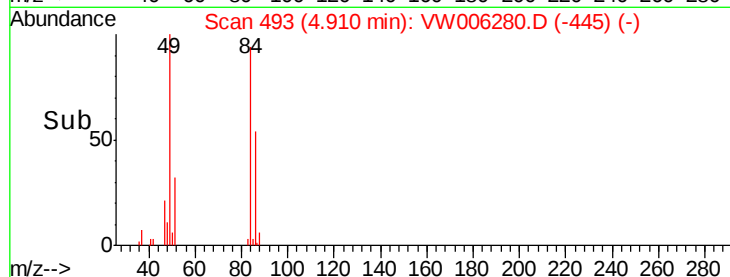


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 1.487 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.01 min

Lab File: VW006280.D

Acq: 23 Oct 2018 05:47

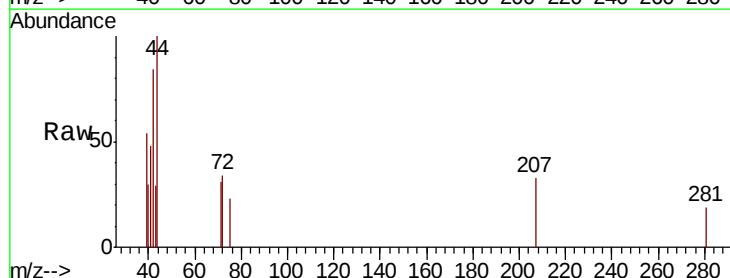
Tgt Ion: 42 Resp: 561

Ion Ratio Lower Upper

42 100

72 39.4 38.0 57.0

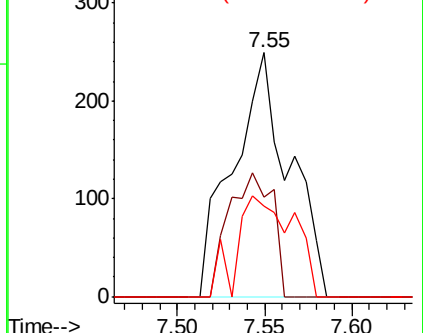
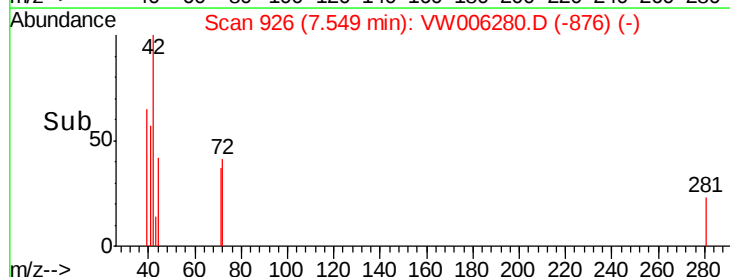
71 41.2 35.3 52.9

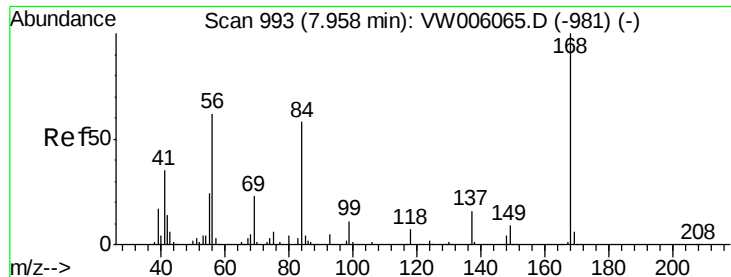


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

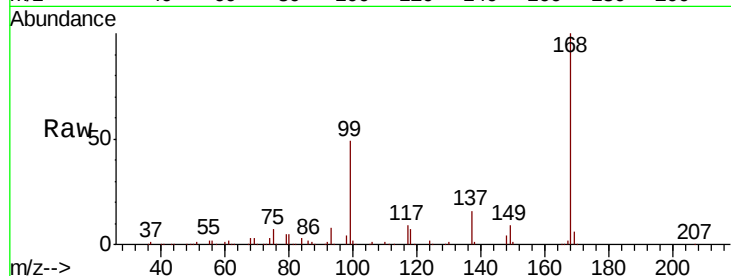




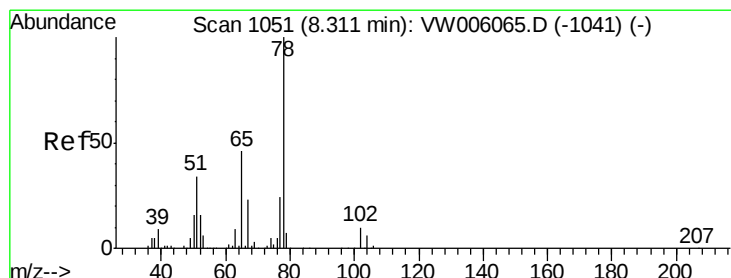
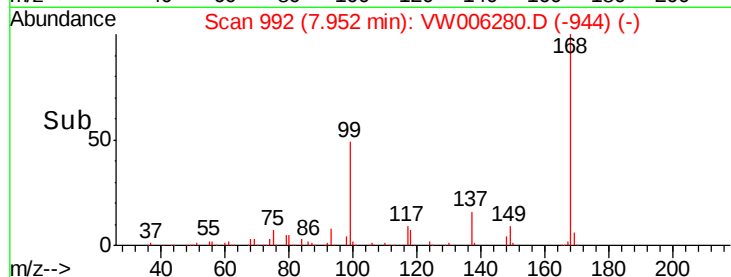
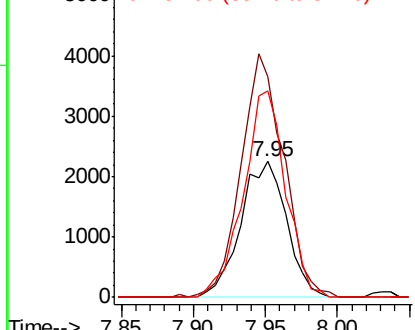
#31
Cyclohexane
Concen: 1.191 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006280.D
Acq: 23 Oct 2018 05:47

Instrument :
MSVOA_W
ClientSampled :
SA-SED-01

Tot Ion: 56 Resp: 4949
Ion Ratio Lower Upper
56 100
69 162.7 29.4 44.0#
84 151.8 74.0 111.0#

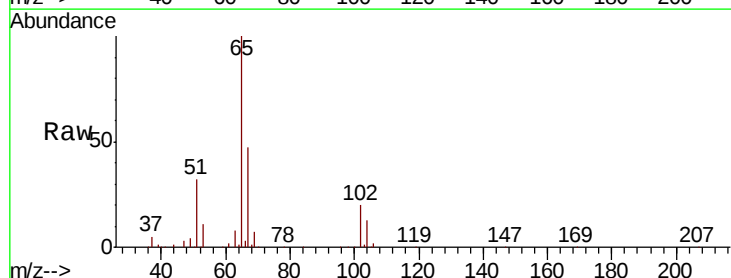


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

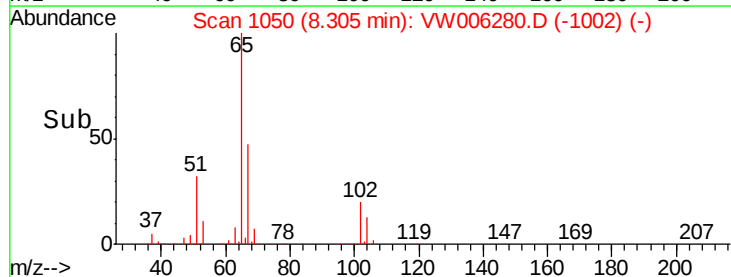
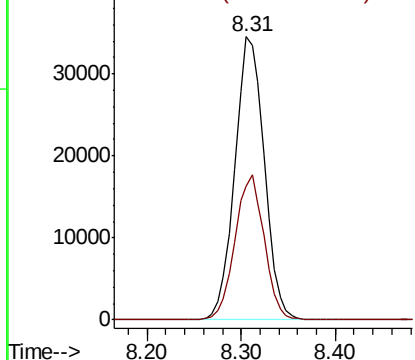


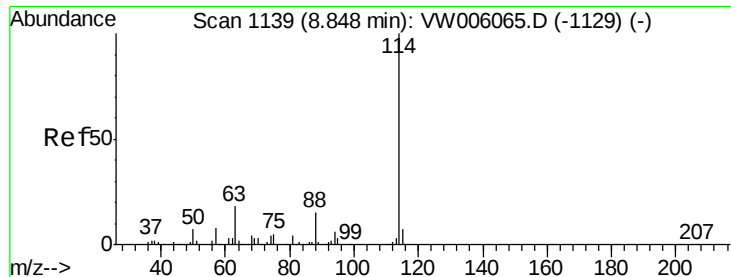
#33
1,2-Dichloroethane-d4
Concen: 33.143 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW006280.D
Acq: 23 Oct 2018 05:47

Tgt Ion: 65 Resp: 75289
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.0



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

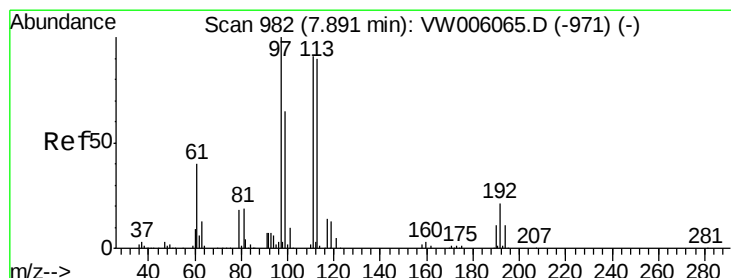
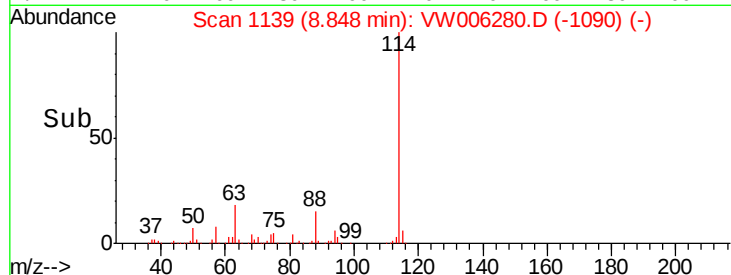
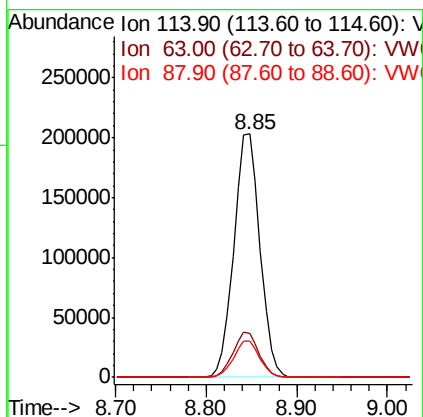
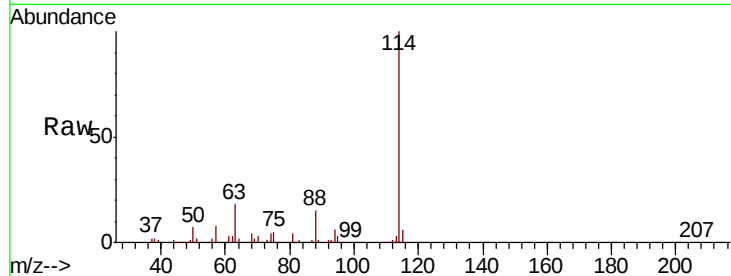




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006280.D
 Acq: 23 Oct 2018 05:47

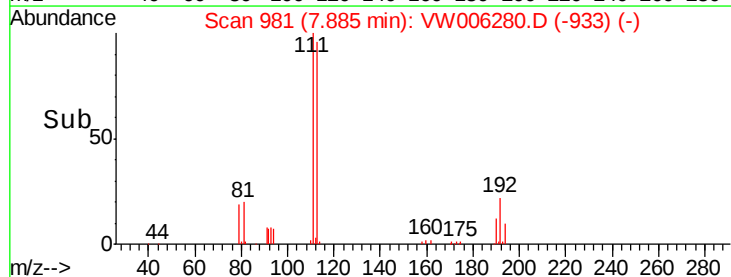
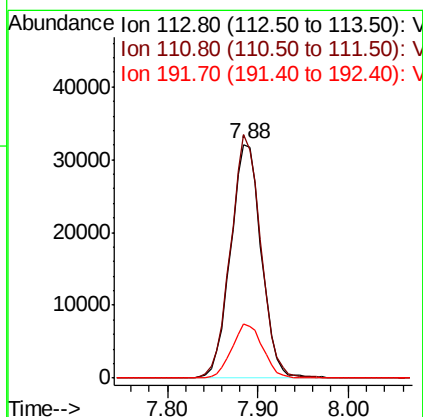
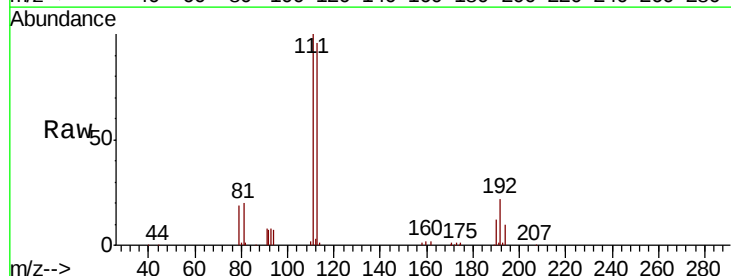
Instrument :
 MSVOA_W
 ClientSampleId :
 SA-SED-01

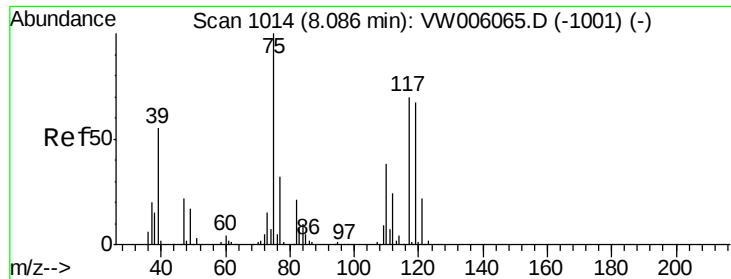
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	36.8
88	14.7	0.0	29.0



#35
 Dibromofluoromethane
 Concen: 31.631 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006280.D
 Acq: 23 Oct 2018 05:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.4	122.0
192	23.3	18.7	28.1

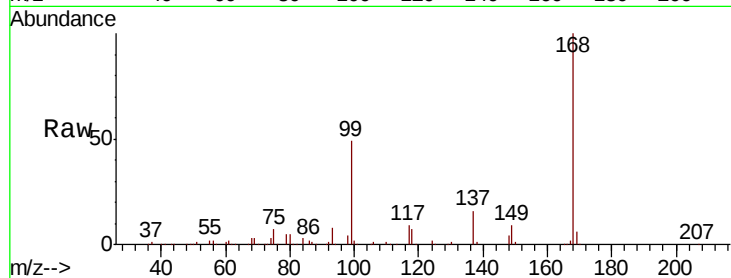




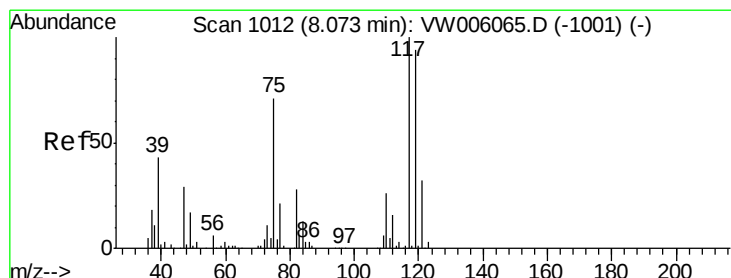
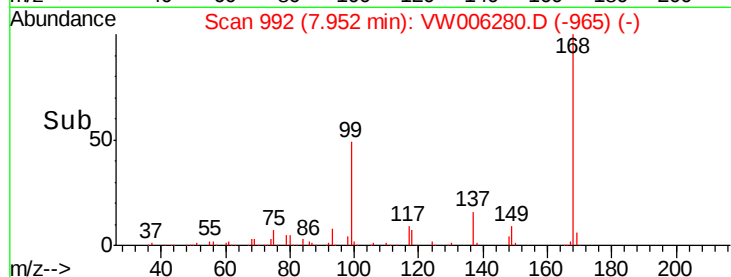
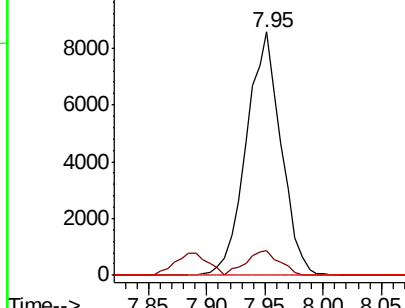
#36
 1,1-Dichloropropene
 Concen: 4.801 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006280.D
 Acq: 23 Oct 2018 05:47

Instrument :
 MSVOA_W
 ClientSampleId :
 SA-SED-01

Tot Ion	75	Resp	17875
Ion Ratio	100	Lower	Upper
110	9.7	19.1	57.1#
77	0.0	25.0	37.4#

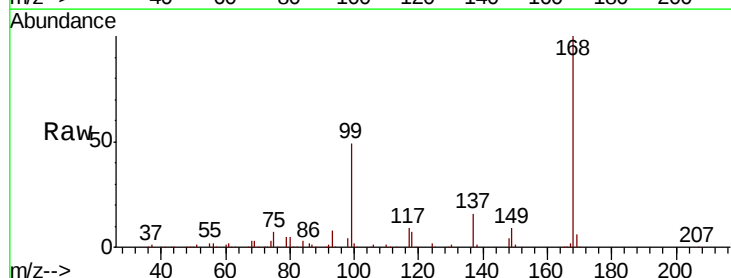


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

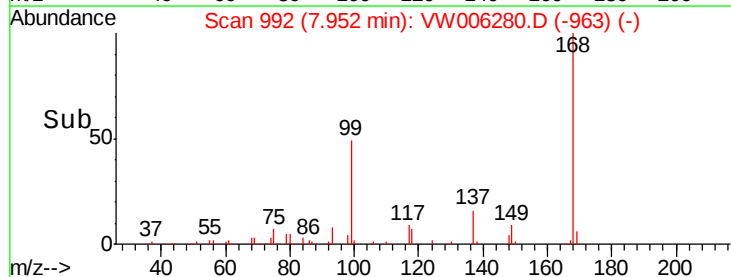
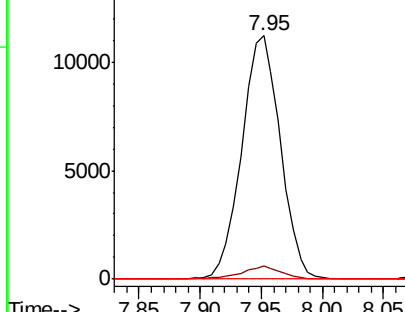


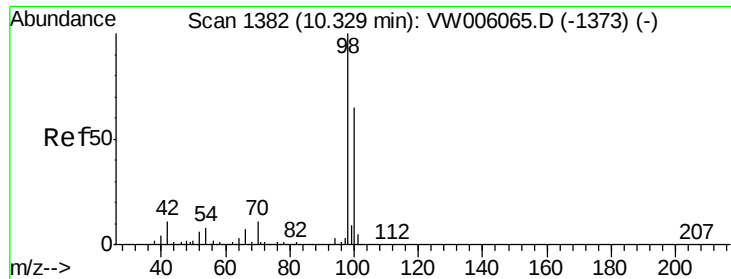
#38
 Carbon Tetrachloride
 Concen: 6.021 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006280.D
 Acq: 23 Oct 2018 05:47

Tgt Ion	117	Resp	24576
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
119	5.2	75.2	112.8#
121	0.0	25.3	37.9#



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: 25.206 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006280.D

Acq: 23 Oct 2018 05:47

Instrument :

MSVOA_W

ClientSampled :

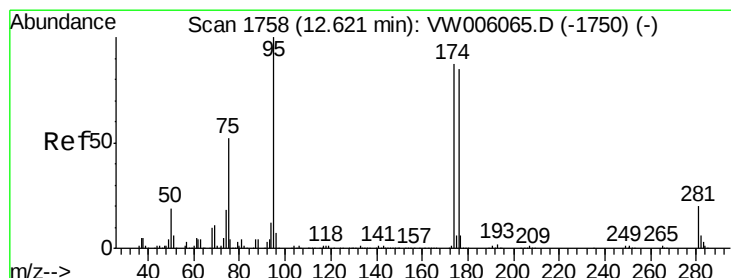
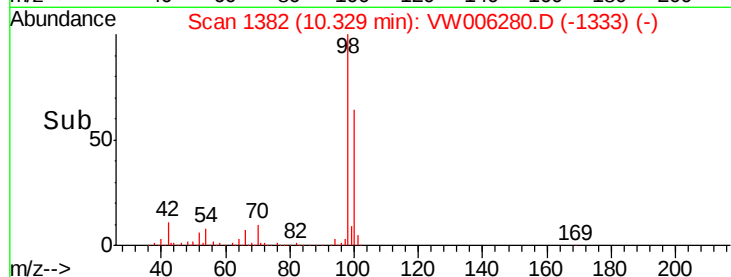
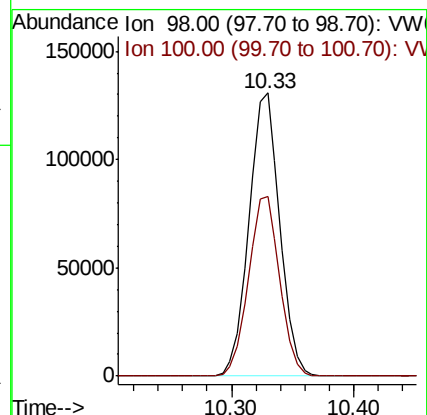
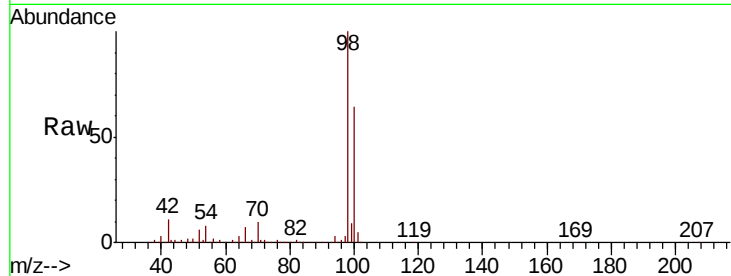
SA-SED-01

Tot Ion: 98 Resp: 228906

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 25.198 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006280.D

Acq: 23 Oct 2018 05:47

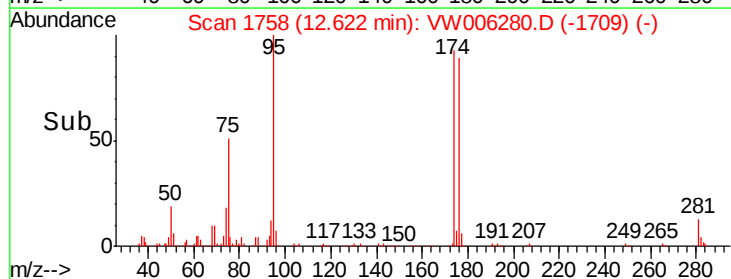
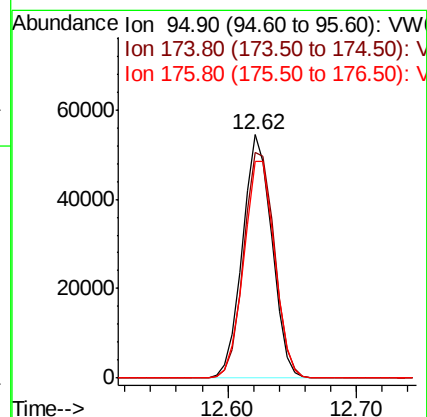
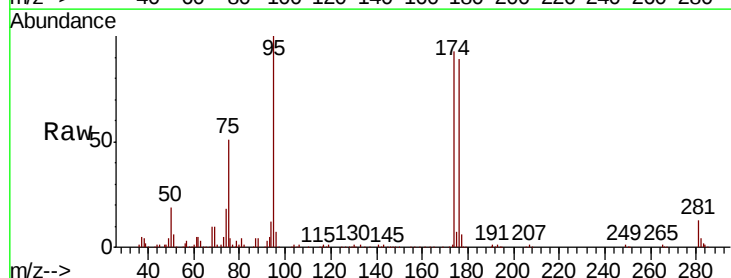
Tgt Ion: 95 Resp: 85947

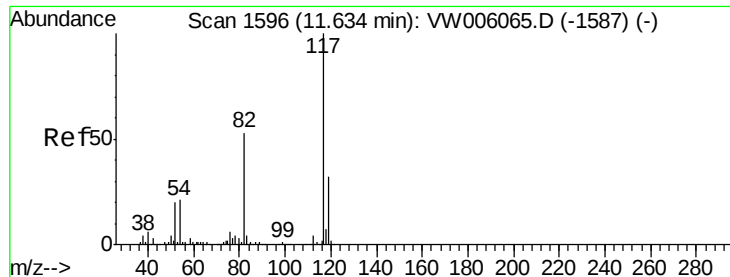
Ion Ratio Lower Upper

95 100

174 96.8 0.0 186.0

176 93.4 0.0 181.6

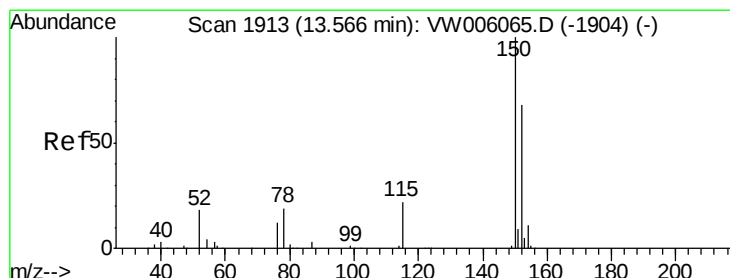
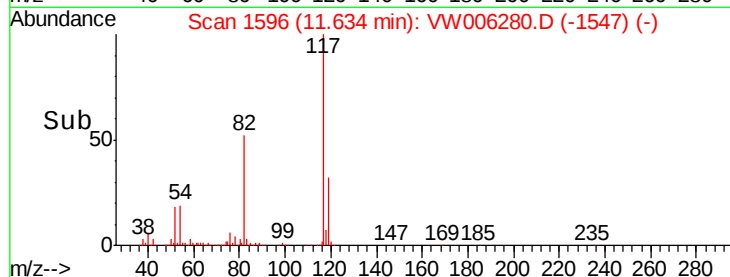
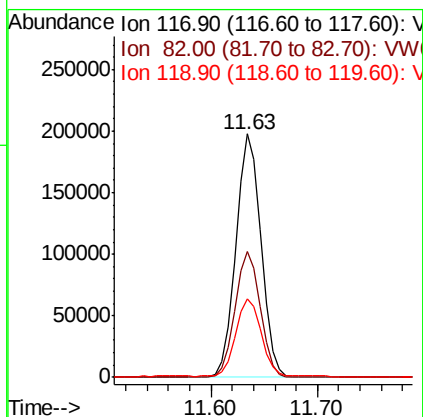
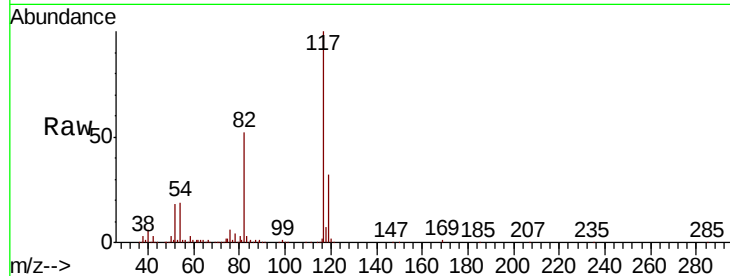




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006280.D
Acq: 23 Oct 2018 05:47

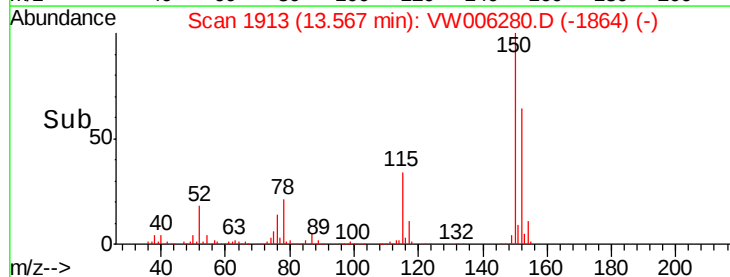
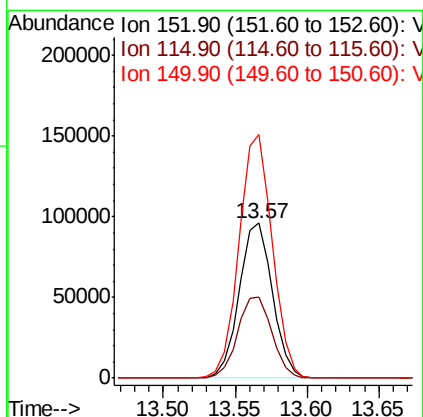
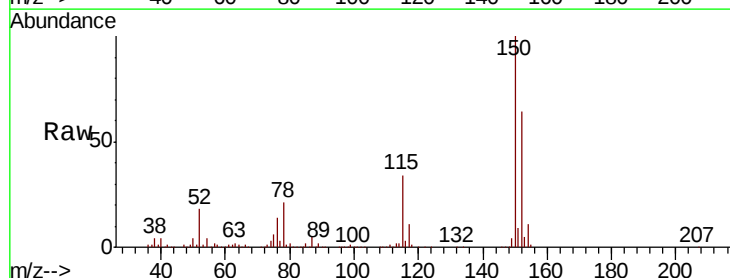
Instrument :
MSVOA_W
ClientSampleId :
SA-SED-01

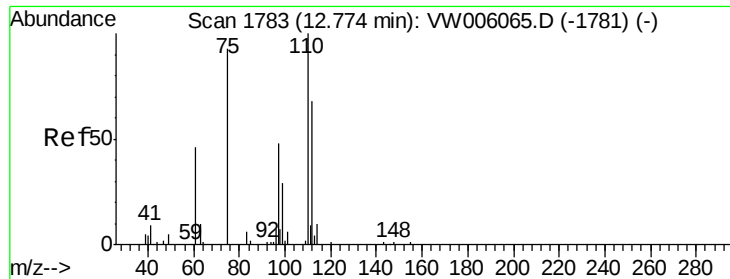
Tot Ion:117 Resp: 327438
Ion Ratio Lower Upper
117 100
82 51.8 42.1 63.1
119 31.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006280.D
Acq: 23 Oct 2018 05:47

Tgt Ion:152 Resp: 153308
Ion Ratio Lower Upper
152 100
115 54.5 27.8 83.3
150 157.4 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 37.593 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006280.D

Acq: 23 Oct 2018 05:47

Instrument :

MSVOA_W

ClientSampleId :

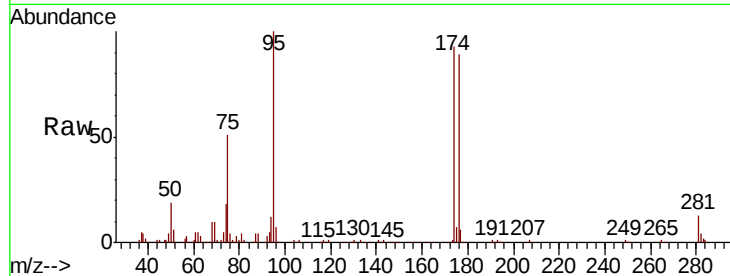
SA-SED-01

Tot Ion: 75 Resp: 44020

Ion Ratio Lower Upper

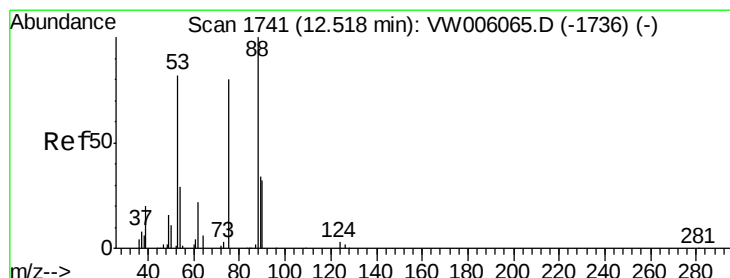
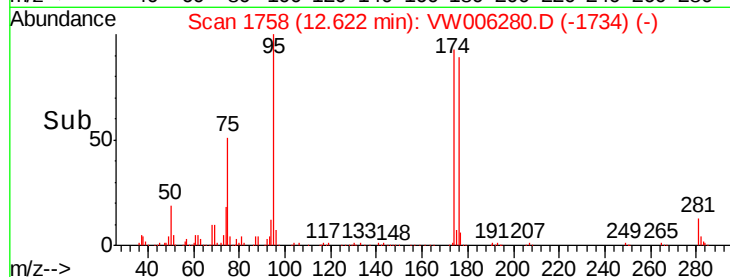
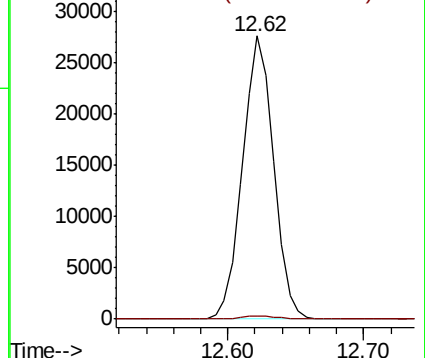
75 100

77 1.2 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: 89.861 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006280.D

Acq: 23 Oct 2018 05:47

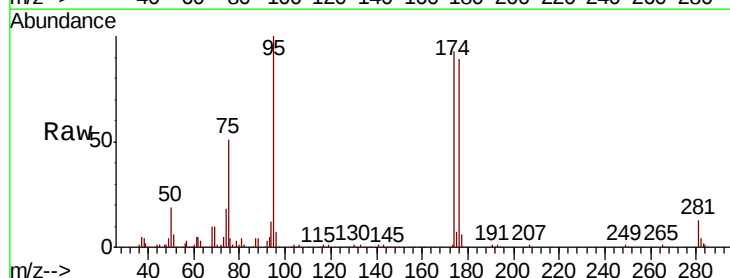
Tgt Ion: 75 Resp: 44020

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

