

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006260.D
 Acq On : 22 Oct 2018 19:01
 Operator : VA/AP
 Sample : J5618-03
 Misc : 5.14G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1018-S-DH-14

Quant Time: Oct 23 04:07:51 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	341489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	501422	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	447077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	218731	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	90276	31.89	ug/l	0.00
Spiked Amount			Recovery	=	63.78%	
35) Dibromofluoromethane	7.88	113	90071	30.40	ug/l	0.00
Spiked Amount			Recovery	=	60.80%	
50) Toluene-d8	10.33	98	308807	27.40	ug/l	0.00
Spiked Amount			Recovery	=	54.80%	
62) 4-Bromofluorobenzene	12.62	95	115093	27.18	ug/l	0.00
Spiked Amount			Recovery	=	54.36%	

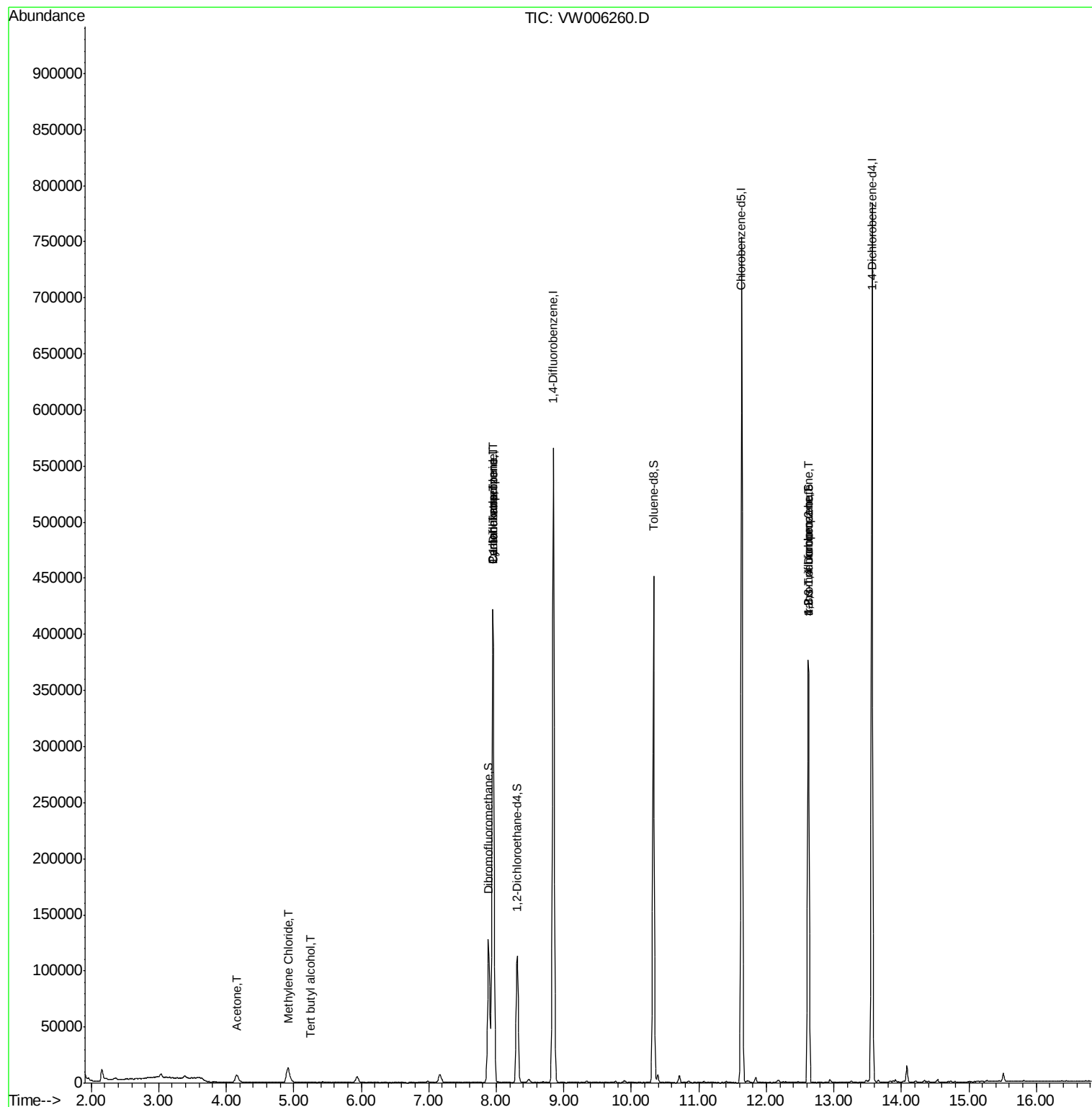
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.25	59	353	1.854	ug/l #	71
16) Acetone	4.15	43	14948	14.179	ug/l	100
20) Methylene Chloride	4.92	84	11042	2.128	ug/l	94
31) Cyclohexane	7.95	56	6029	1.164	ug/l #	11
36) 1,1-Dichloropropene	7.95	75	21899	4.738	ug/l #	49
38) Carbon Tetrachloride	7.95	117	30476	6.015	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	57986	34.708	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	57986	82.966	ug/l #	10

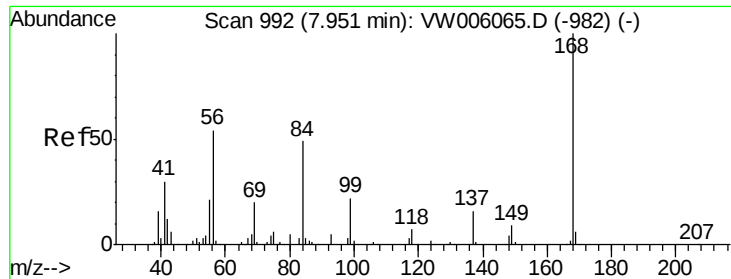
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006260.D

Acq: 22 Oct 2018 19:01

Instrument :

MSVOA_W

ClientSampleId :

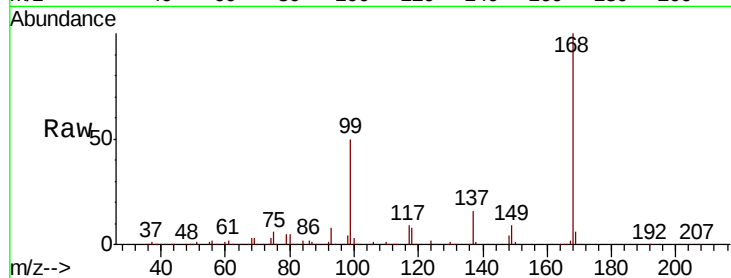
SSSI-1018-S-DH-14

Tot Ion:168 Resp: 341489

Ion Ratio Lower Upper

168 100

99 49.6 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

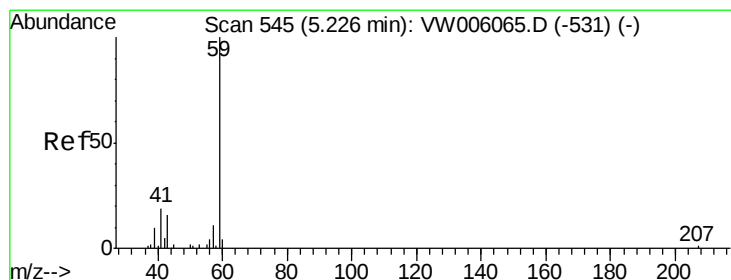
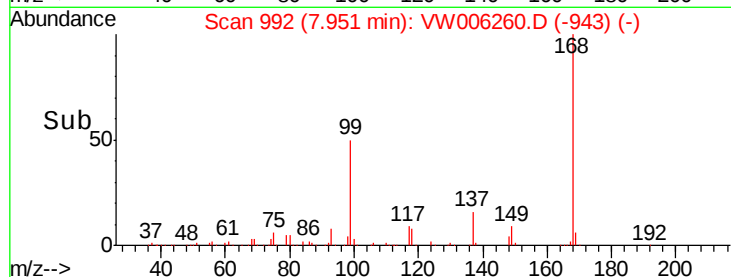
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.854 ug/l

RT: 5.25 min Scan# 549

Delta R.T. 0.02 min

Lab File: VW006260.D

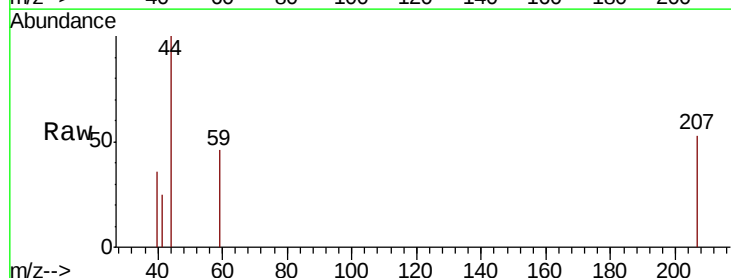
Acq: 22 Oct 2018 19:01

Tgt Ion: 59 Resp: 353

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.25

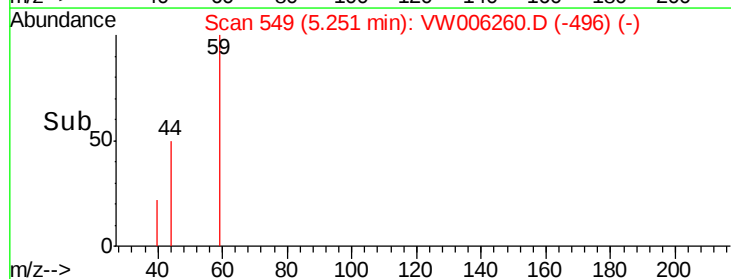
150

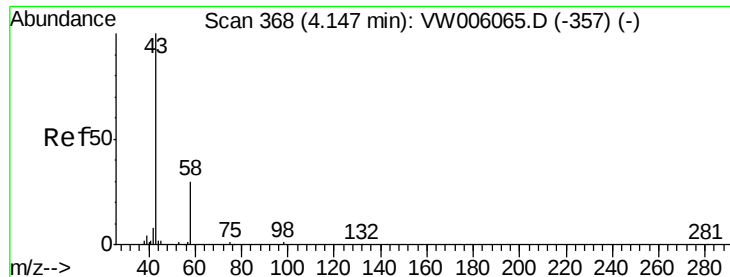
100

50

0

Time-->

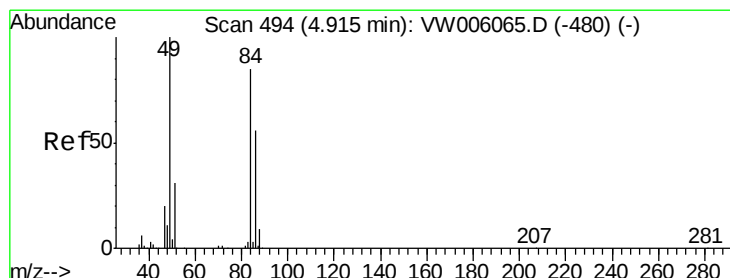
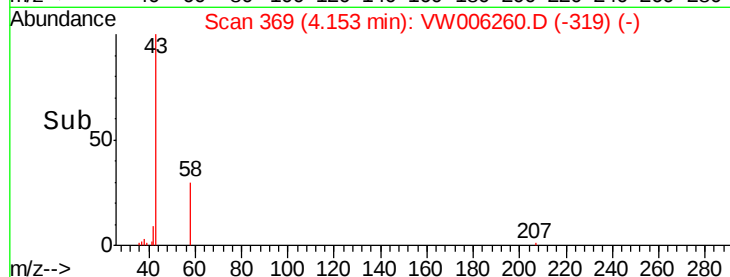
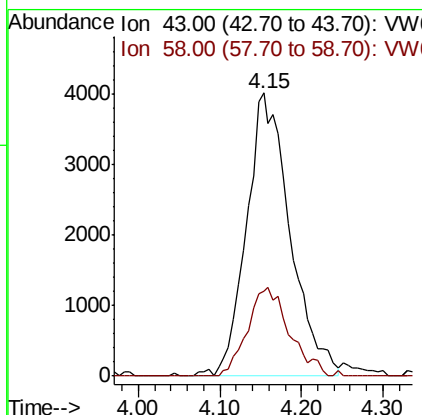
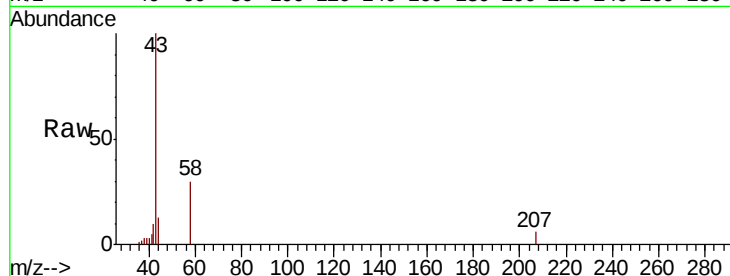




#16
Acetone
Concen: 14.179 ug/l
RT: 4.15 min Scan# 369
Delta R.T. 0.01 min
Lab File: VW006260.D
Acq: 22 Oct 2018 19:01

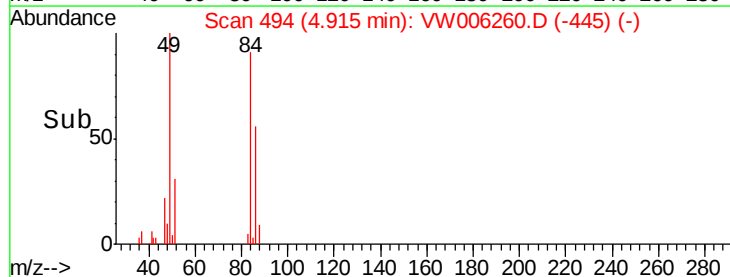
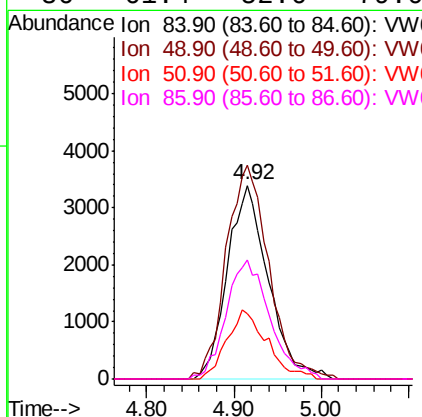
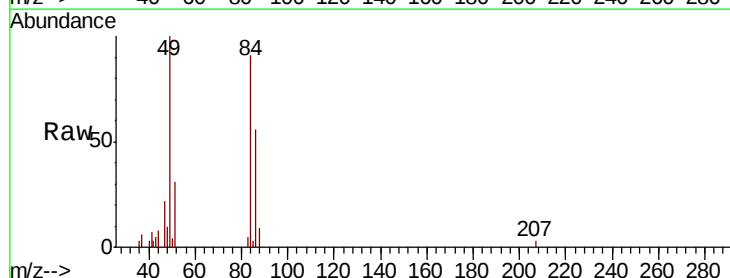
Instrument :
MSVOA_W
ClientSampleId :
SSSI-1018-S-DH-14

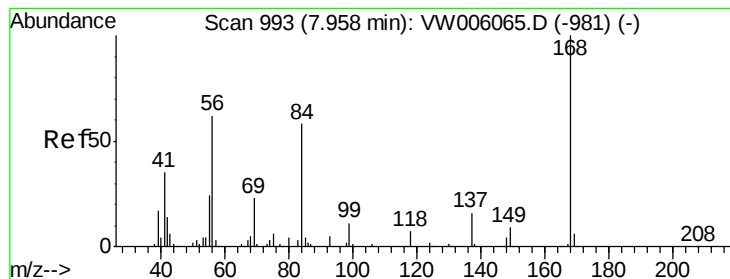
Tot Ion: 43 Resp: 14948
Ion Ratio Lower Upper
43 100
58 29.9 24.0 36.0



#20
Methylene Chloride
Concen: 2.128 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006260.D
Acq: 22 Oct 2018 19:01

Tgt Ion: 84 Resp: 11042
Ion Ratio Lower Upper
84 100
49 110.3 93.6 140.4
51 34.1 29.0 43.4
86 61.4 52.6 79.0





#31

Cyclohexane

Concen: 1.164 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006260.D

Acq: 22 Oct 2018 19:01

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1018-S-DH-14

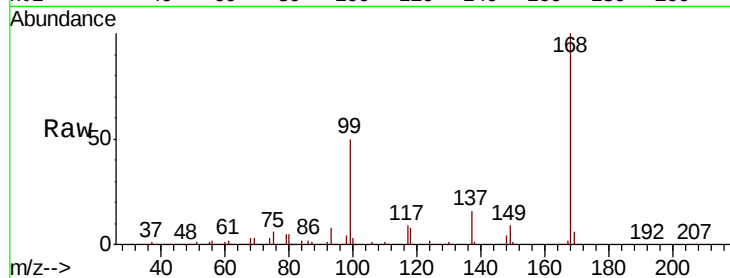
Tot Ion: 56 Resp: 6029

Ion Ratio Lower Upper

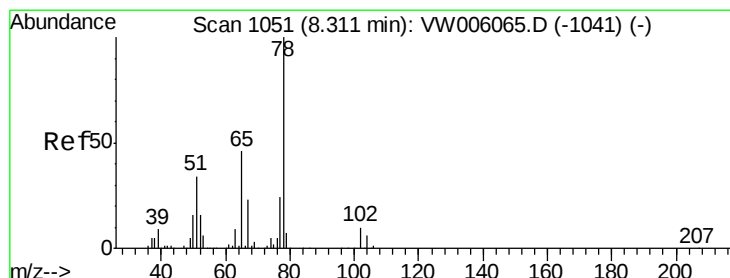
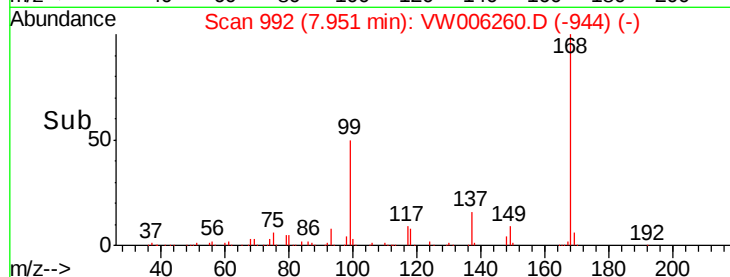
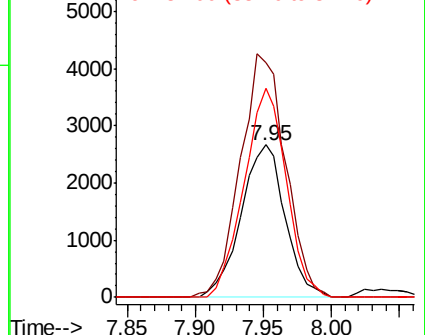
56 100

69 153.6 29.4 44.0#

84 136.9 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: 31.887 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006260.D

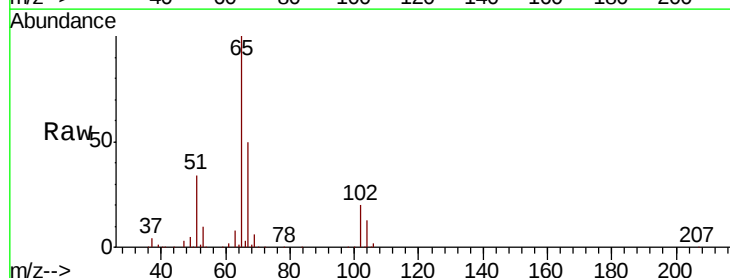
Acq: 22 Oct 2018 19:01

Tgt Ion: 65 Resp: 90276

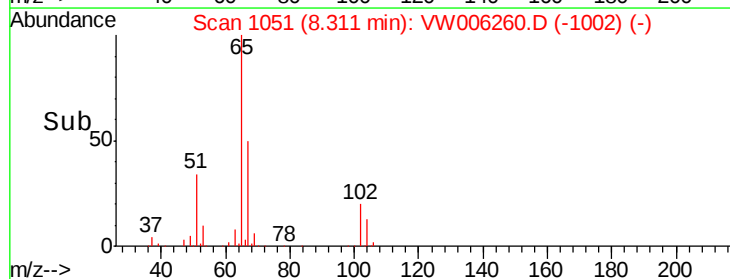
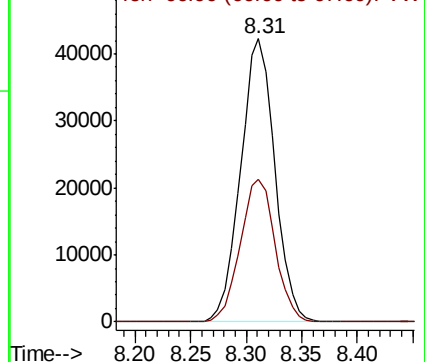
Ion Ratio Lower Upper

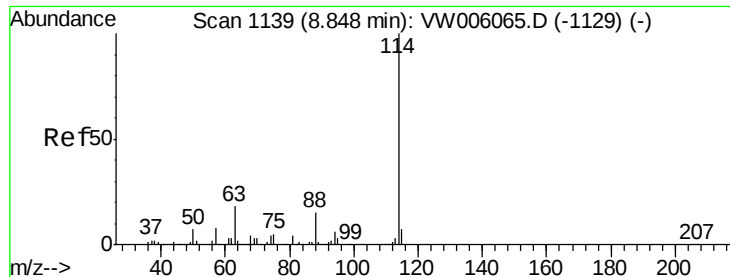
65 100

67 51.5 0.0 101.0



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

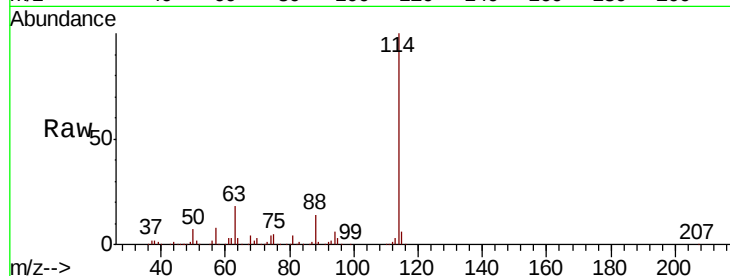




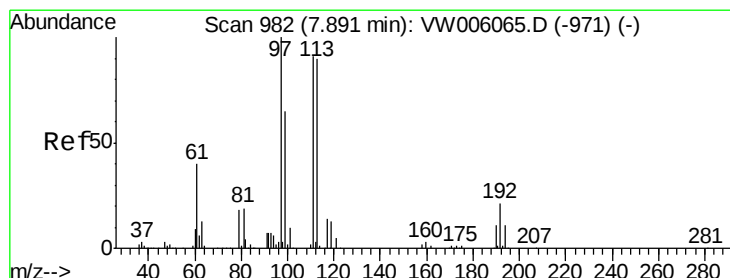
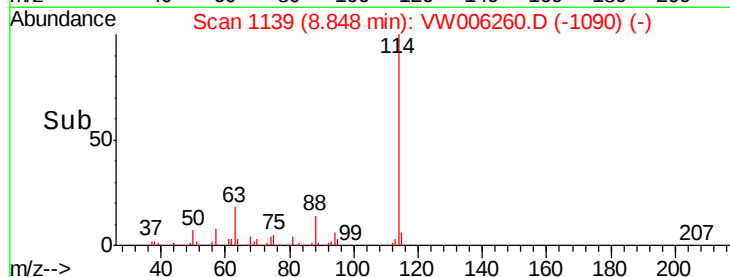
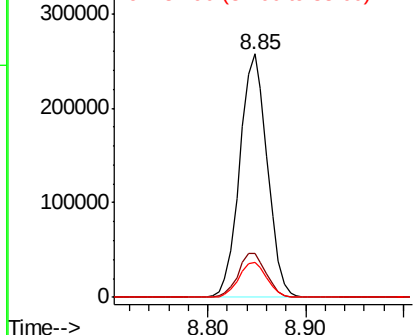
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VW006260.D
Acq: 22 Oct 2018 19:01

Instrument :
MSVOA_W
ClientSampleId :
SSSI-1018-S-DH-14

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	36.8
88	14.5	0.0	29.0

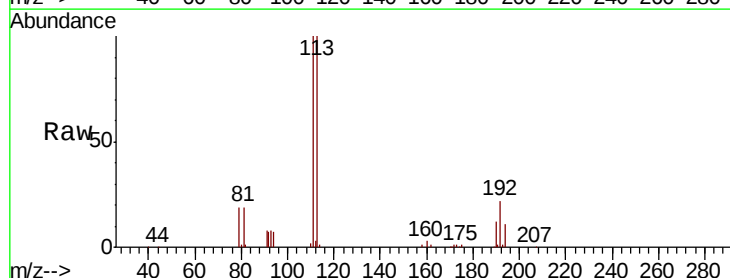


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

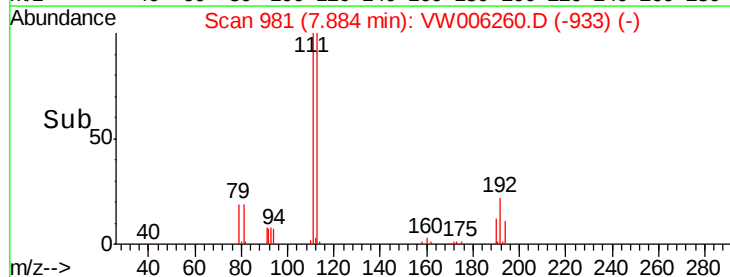
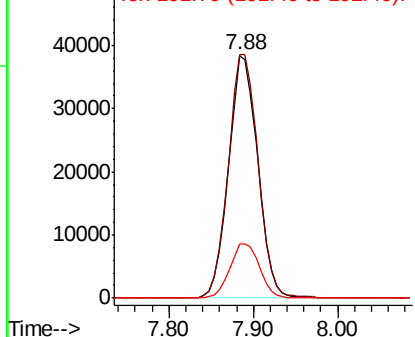


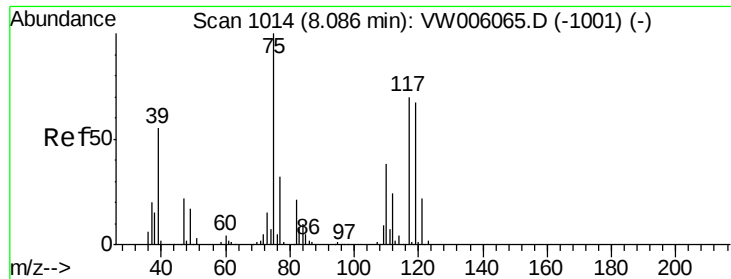
#35
Dibromofluoromethane
Concen: 30.400 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006260.D
Acq: 22 Oct 2018 19:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.4	122.0
192	22.6	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

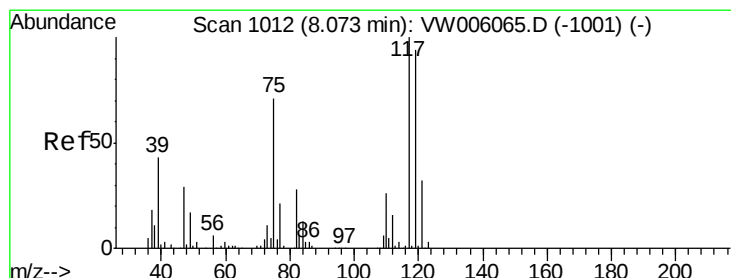
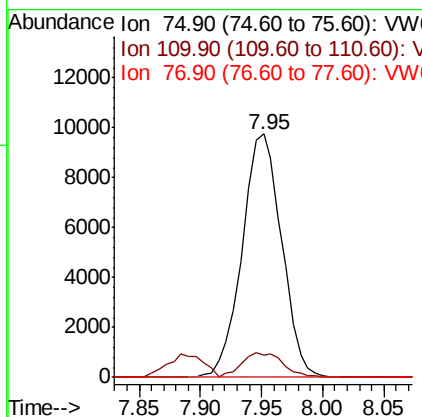
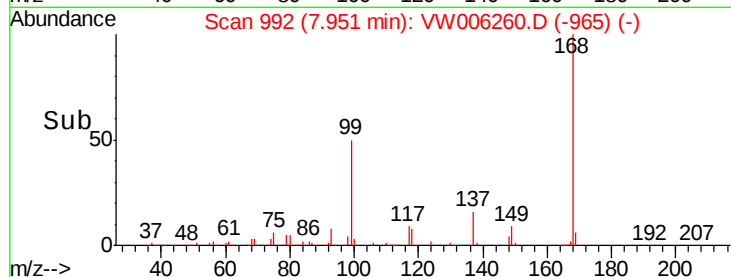
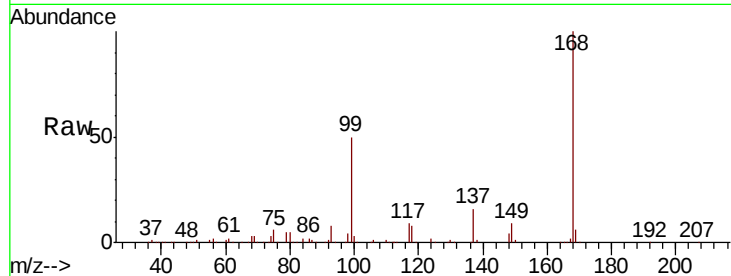




#36
 1,1-Dichloropropene
 Concen: 4.738 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006260.D
 Acq: 22 Oct 2018 19:01

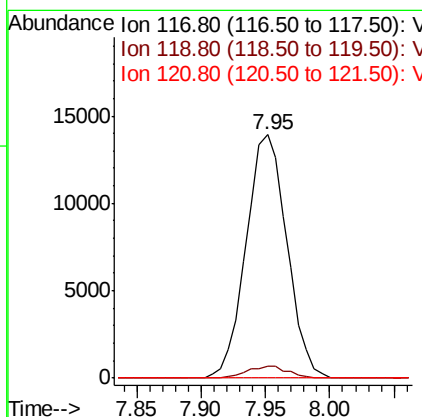
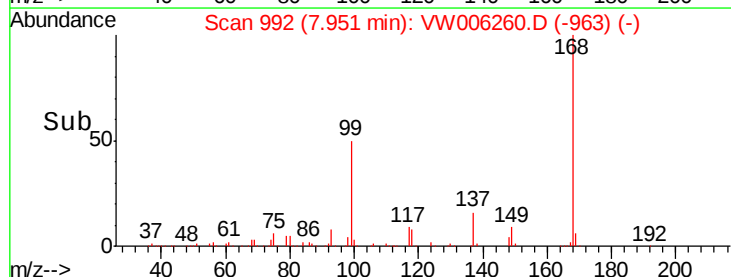
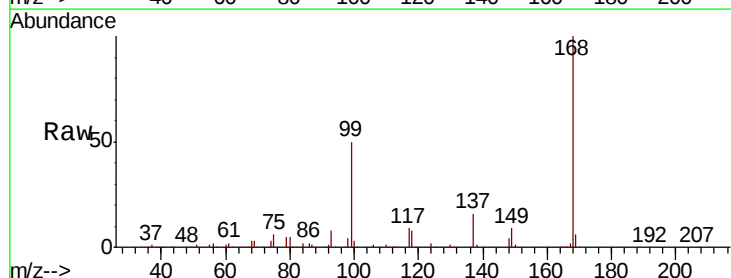
Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1018-S-DH-14

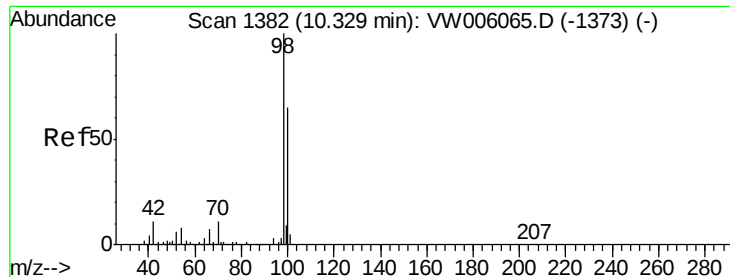
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.4	19.1	57.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.015 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006260.D
 Acq: 22 Oct 2018 19:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	75.2	112.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 27.395 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006260.D

Acq: 22 Oct 2018 19:01

Instrument :

MSVOA_W

ClientSampleId :

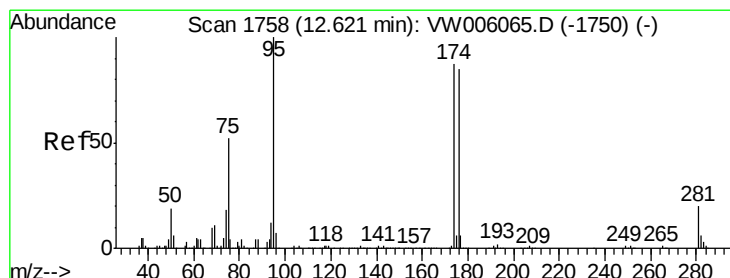
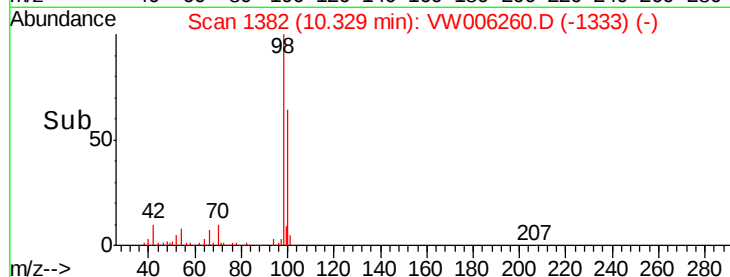
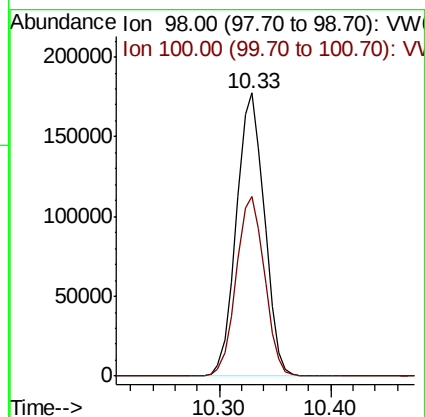
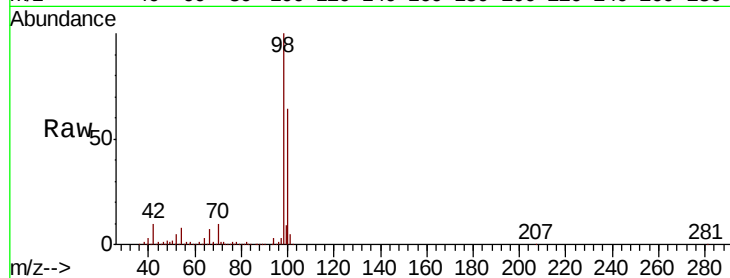
SSSI-1018-S-DH-14

Tot Ion: 98 Resp: 308807

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 27.185 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006260.D

Acq: 22 Oct 2018 19:01

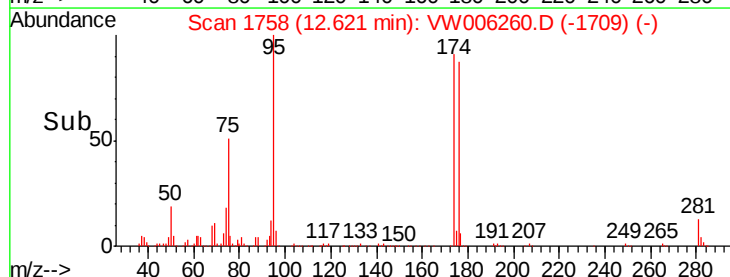
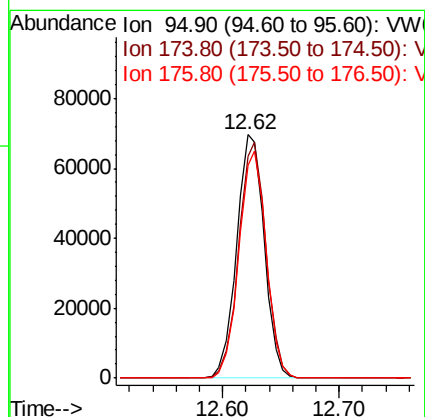
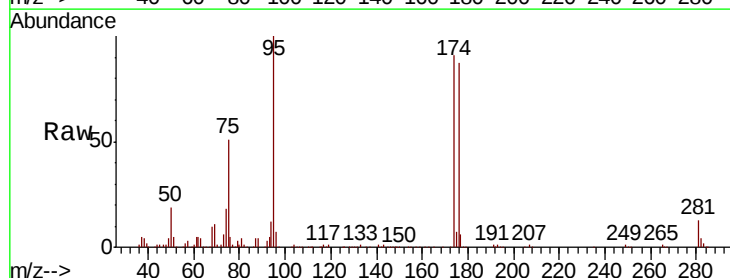
Tgt Ion: 95 Resp: 115093

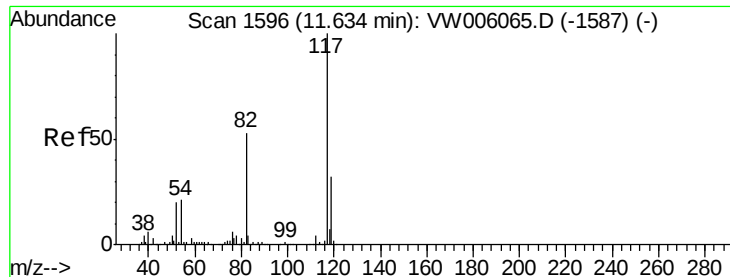
Ion Ratio Lower Upper

95 100

174 95.5 0.0 186.0

176 92.2 0.0 181.6

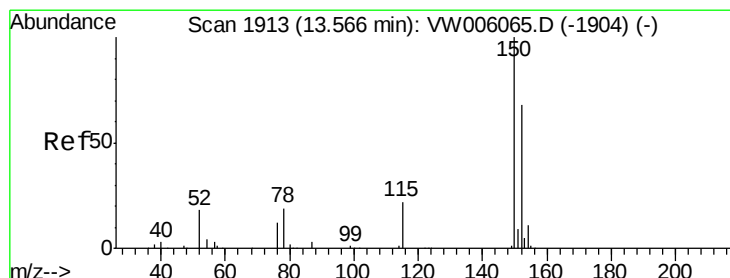
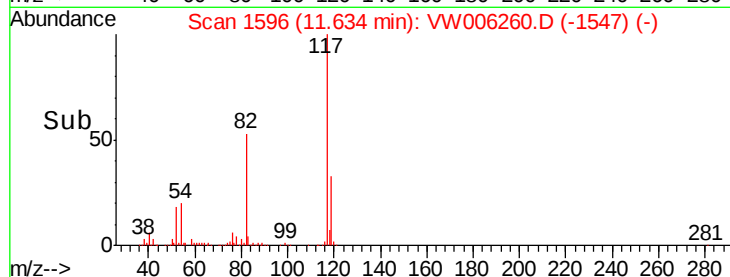
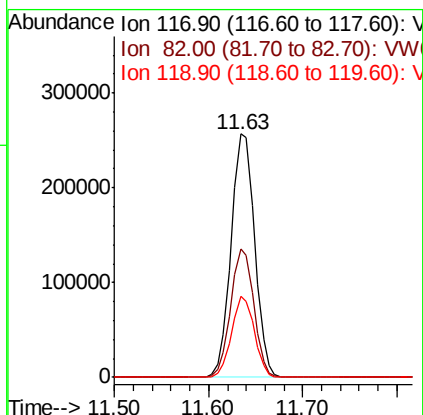
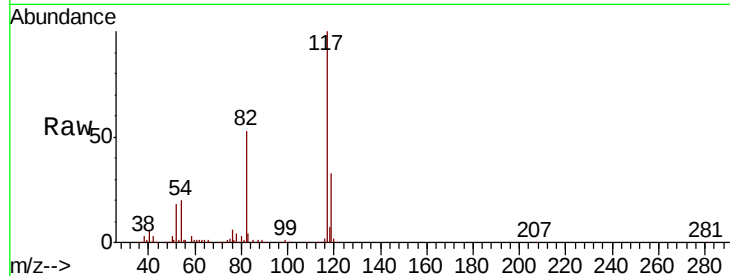




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006260.D
Acq: 22 Oct 2018 19:01

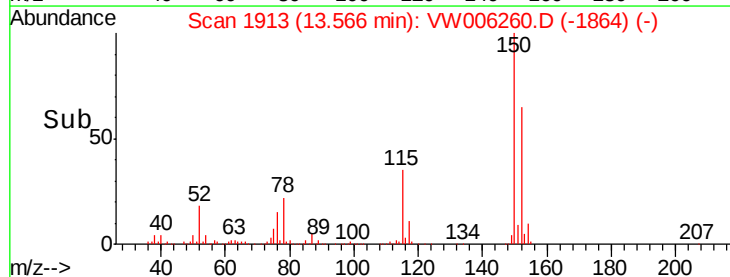
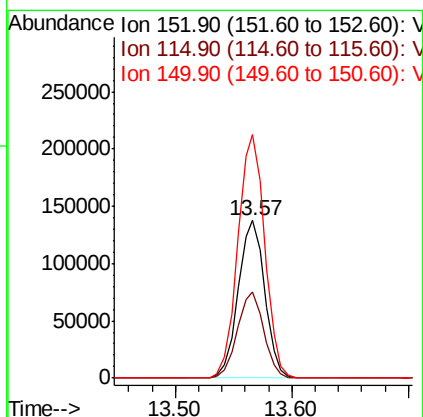
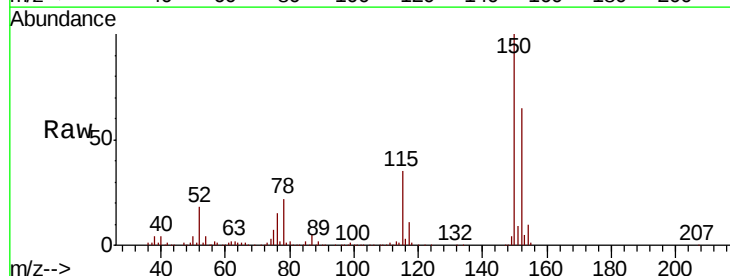
Instrument :
MSVOA_W
ClientSampleId :
SSSI-1018-S-DH-14

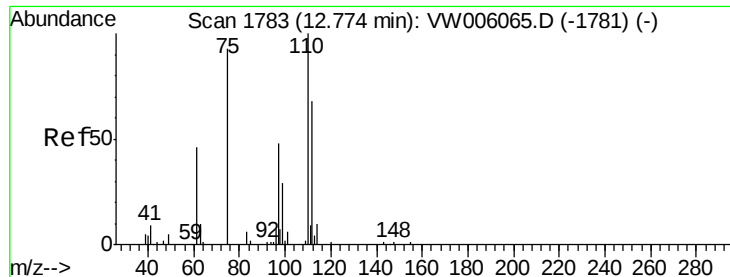
Tot Ion:117 Resp: 447077
Ion Ratio Lower Upper
117 100
82 52.7 42.1 63.1
119 33.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006260.D
Acq: 22 Oct 2018 19:01

Tgt Ion:152 Resp: 218731
Ion Ratio Lower Upper
152 100
115 54.3 27.8 83.3
150 155.9 0.0 349.2

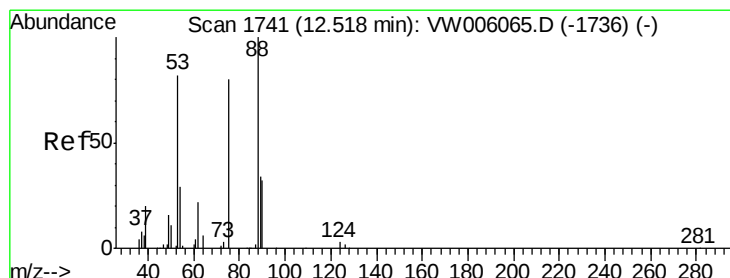
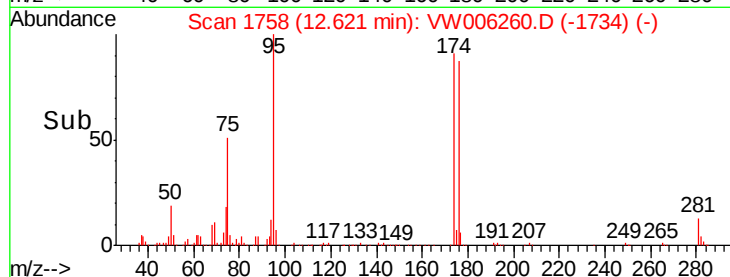
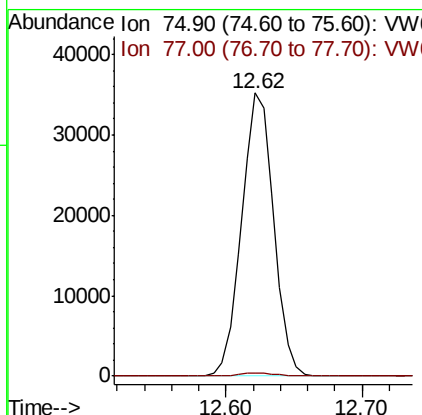
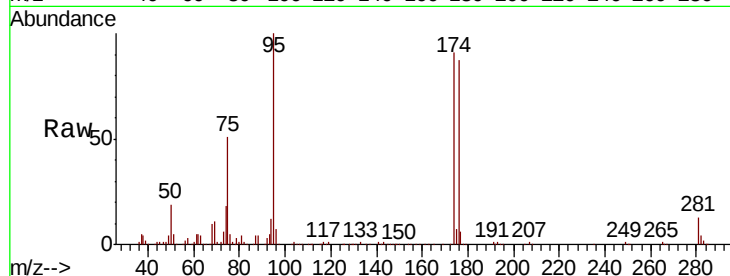




#76
 1,2,3-Trichloropropane
 Concen: 34.708 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006260.D
 Acq: 22 Oct 2018 19:01

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1018-S-DH-14

Tot Ion: 75 Resp: 57986
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.966 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006260.D
 Acq: 22 Oct 2018 19:01

Tgt Ion: 75 Resp: 57986
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.8 119.6#
 89 0.1 37.5 56.3#

