

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101618\
 Data File : VW006115.D
 Acq On : 17 Oct 2018 09:05
 Operator : VA/AP
 Sample : J5518-02
 Misc : 5.06G/5ML/MSVOA_W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SODUS-TS

Quant Time: Oct 17 11:38:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	272935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	398317	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	297325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	131083	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	124804	55.16	ug/l	0.00
Spiked Amount			Recovery	=	110.32%	
35) Dibromofluoromethane	7.89	113	112939	47.98	ug/l	0.00
Spiked Amount			Recovery	=	95.96%	
50) Toluene-d8	10.33	98	320234	35.76	ug/l	0.00
Spiked Amount			Recovery	=	71.52%	
62) 4-Bromofluorobenzene	12.62	95	120204	35.74	ug/l	0.00
Spiked Amount			Recovery	=	71.48%	

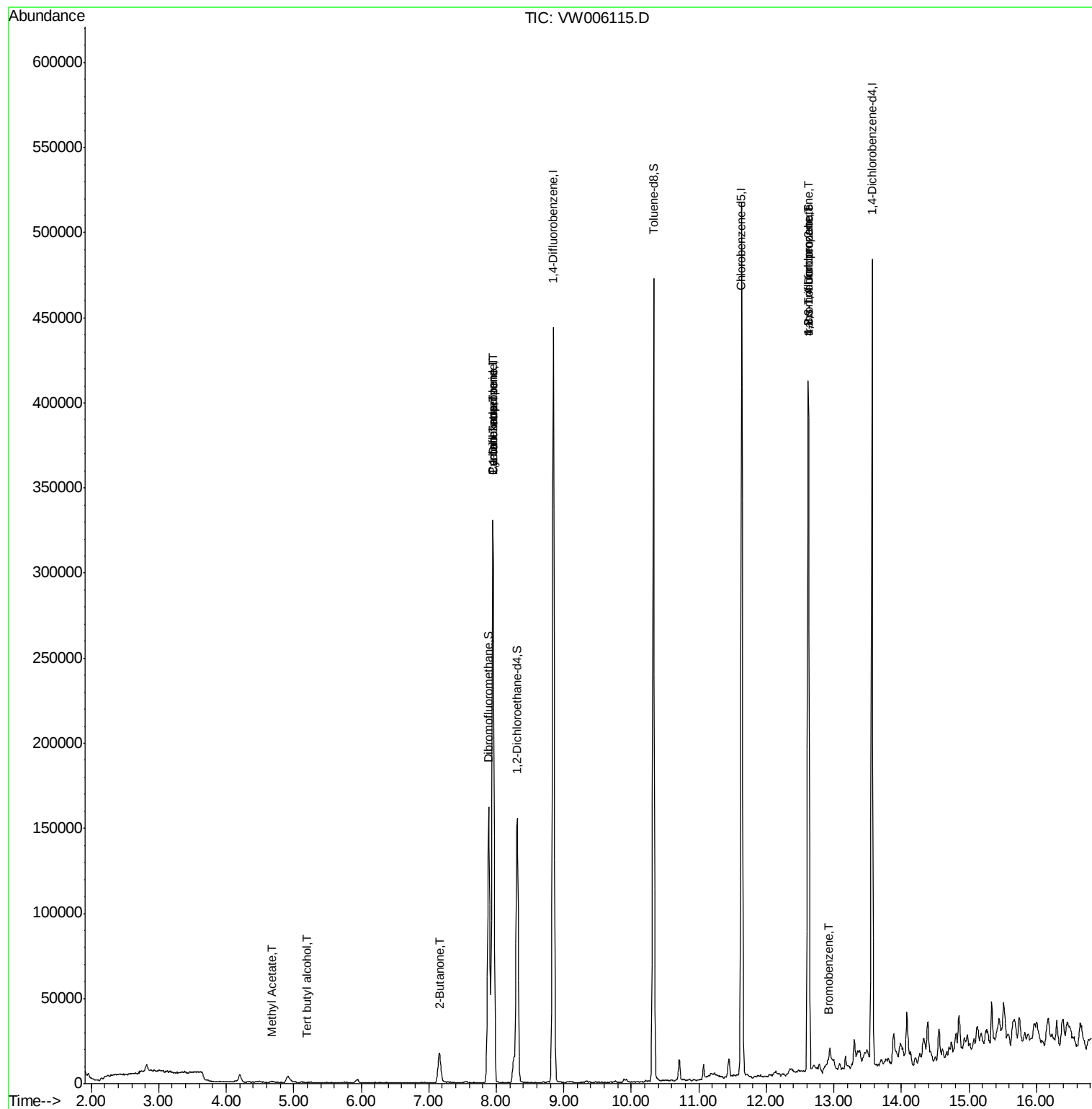
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	172	1.13	ug/l #	71
16) Acetone	4.15	43	2792	Below Cal	#	88
18) Methyl Acetate	4.68	43	1251	1.10	ug/l #	61
20) Methylene Chloride	4.92	84	3431	Below Cal		90
25) 2-Butanone	7.16	43	1131	1.85	ug/l #	46
31) Cyclohexane	7.95	56	4970	1.20	ug/l #	11
36) 1,1-Dichloropropene	7.95	75	17734	4.83	ug/l #	48
38) Carbon Tetrachloride	7.95	117	24774	6.16	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	60694	60.62	ug/l #	100
77) Bromobenzene	12.91	156	3357	1.48	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	60694	144.91	ug/l #	10

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101618\
Data File : VW006115.D
Acq On : 17 Oct 2018 09:05
Operator : VA/AP
Sample : J5518-02
Misc : 5.06G/5ML/MSVOA_W/SOIL
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SODUS-TS

Quant Time: Oct 17 11:38:26 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006115.D

Acq: 17 Oct 2018 09:05

Instrument :

MSVOA_W

ClientSampleId :

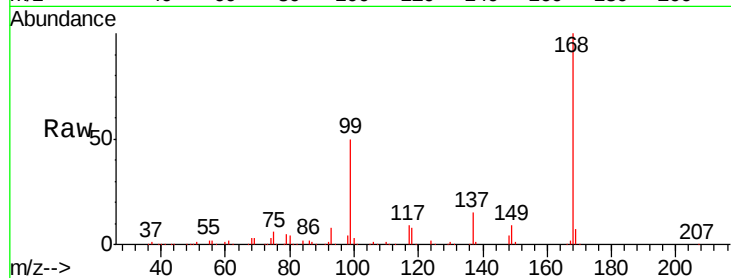
SODUS-TS

Tgt Ion: 168 Resp: 272935

Ion Ratio Lower Upper

168 100

99 49.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

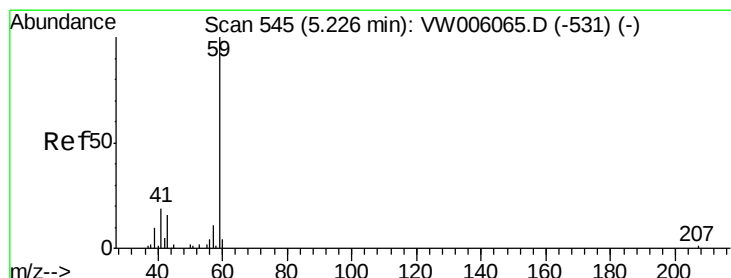
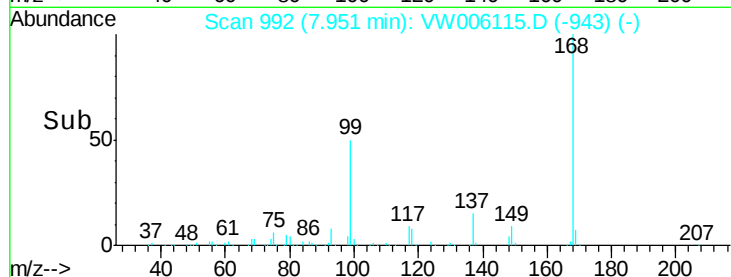
7.95

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.13 ug/l

RT: 5.20 min Scan# 541

Delta R.T. -0.02 min

Lab File: VW006115.D

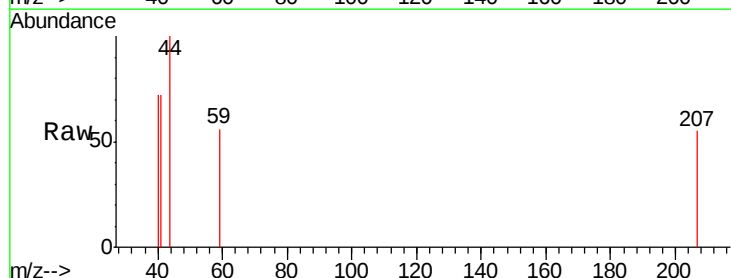
Acq: 17 Oct 2018 09:05

Tgt Ion: 59 Resp: 172

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

5.20

120

100

80

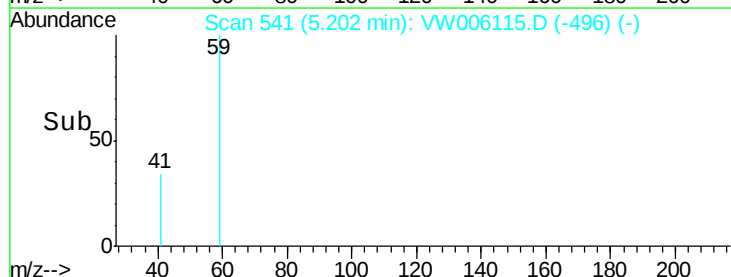
60

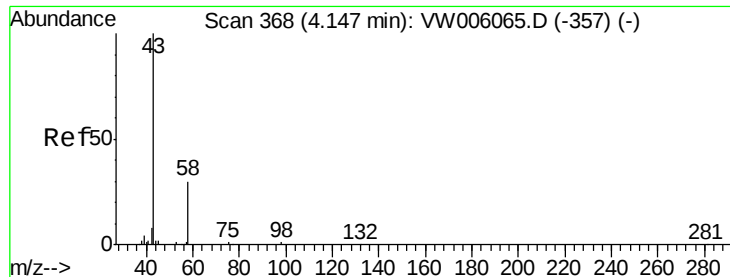
40

20

0

Time-->

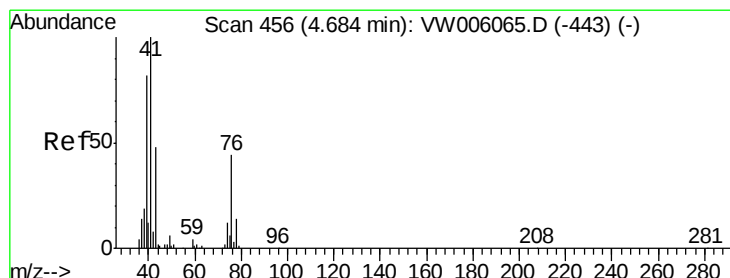
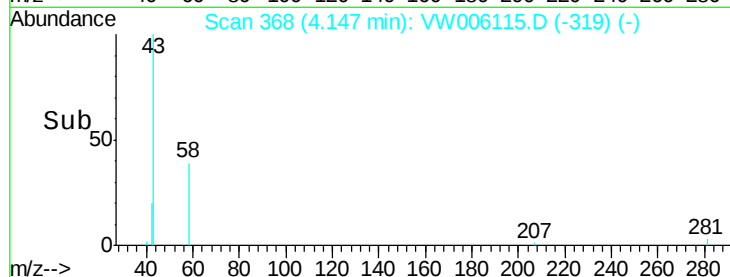
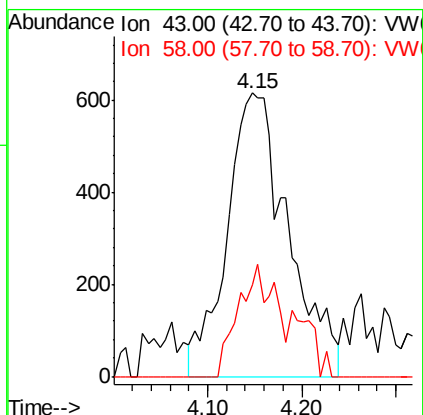
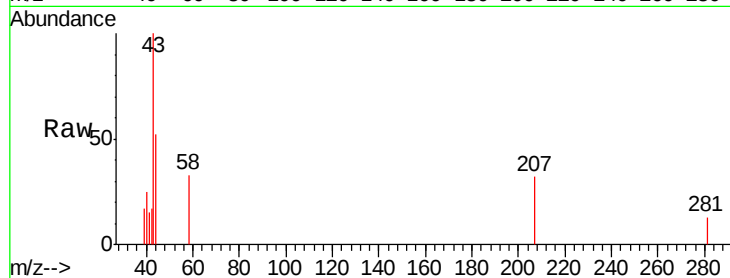




#16
Acetone
Concen: Below Cal
RT: 4.15 min Scan# 368
Delta R.T. -0.00 min
Lab File: VW006115.D
Acq: 17 Oct 2018 09:05

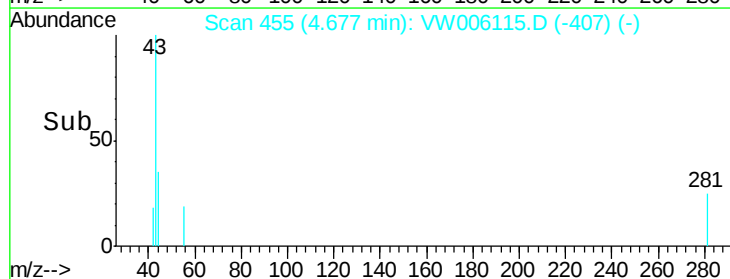
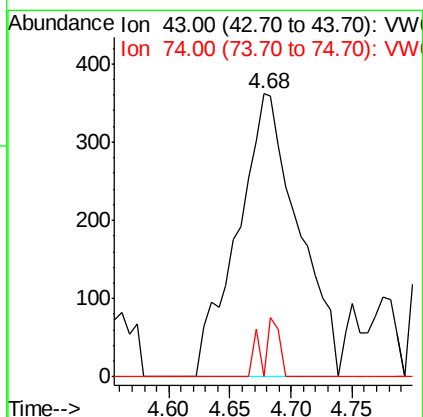
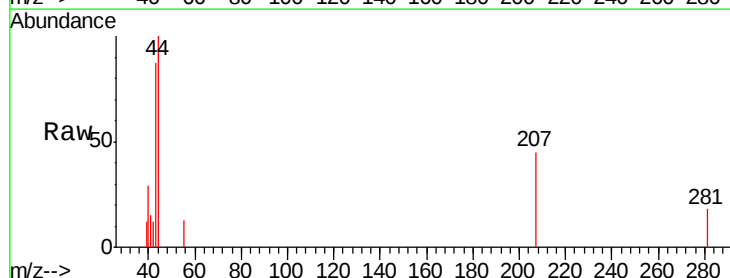
Instrument :
MSVOA_W
ClientSampleId :
SODUS-TS

Tgt Ion: 43 Resp: 2792
Ion Ratio Lower Upper
43 100
58 36.5 24.0 36.0#



#18
Methyl Acetate
Concen: 1.10 ug/l
RT: 4.68 min Scan# 456
Delta R.T. -0.01 min
Lab File: VW006115.D
Acq: 17 Oct 2018 09:05

Tgt Ion: 43 Resp: 1251
Ion Ratio Lower Upper
43 100
74 5.8 20.5 30.7#

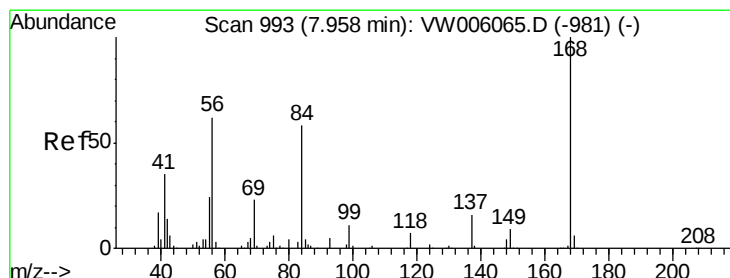
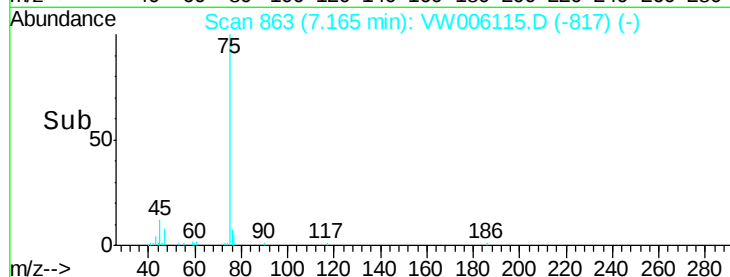
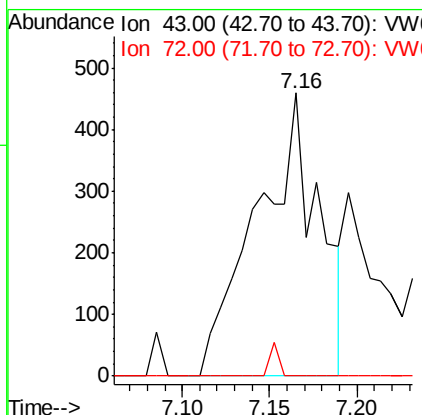
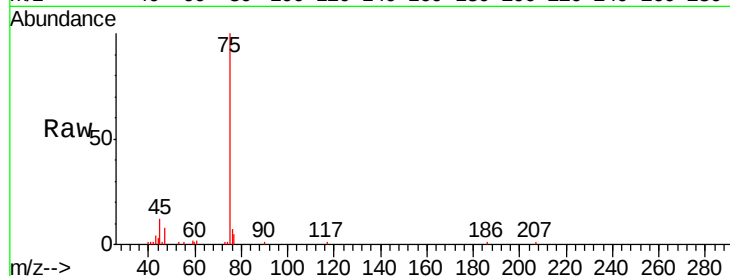




#25
2-Butanone
Concen: 1.85 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.02 min
Lab File: VW006115.D
Acq: 17 Oct 2018 09:05

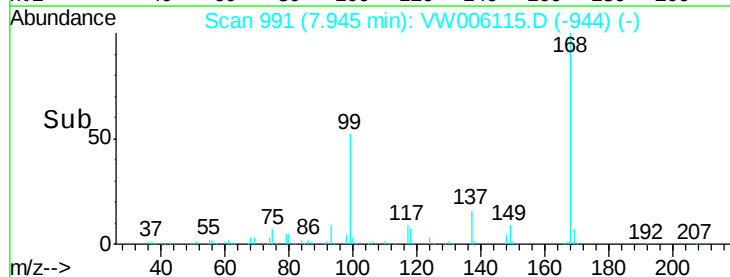
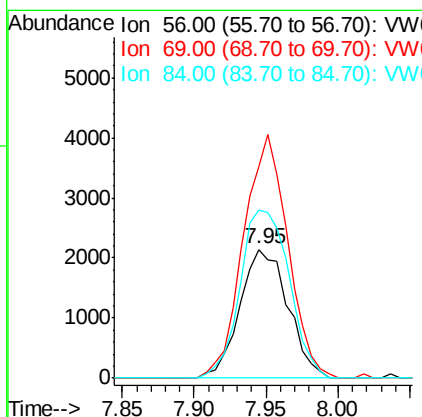
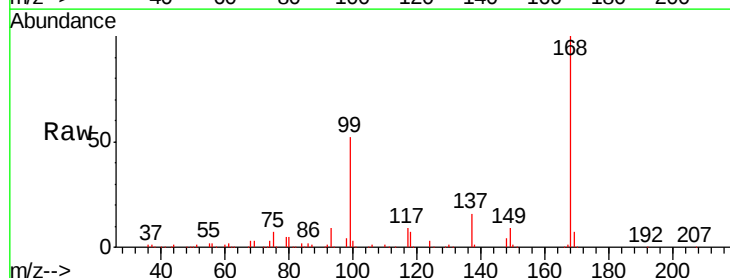
Instrument :
MSVOA_W
ClientSampleId :
SODUS-TS

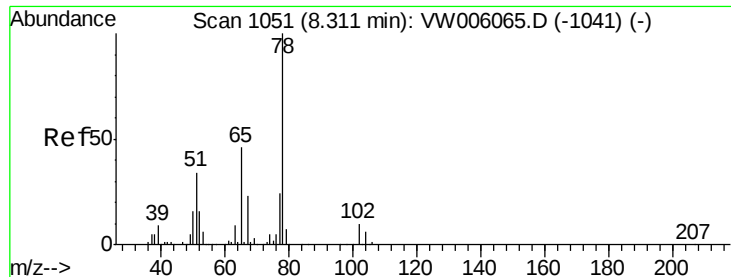
Tgt Ion: 43 Resp: 1131
Ion Ratio Lower Upper
43 100
72 0.0 22.8 34.2#



#31
Cyclohexane
Concen: 1.20 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006115.D
Acq: 17 Oct 2018 09:05

Tgt Ion: 56 Resp: 4970
Ion Ratio Lower Upper
56 100
69 163.7 29.4 44.0#
84 130.5 74.0 111.0#

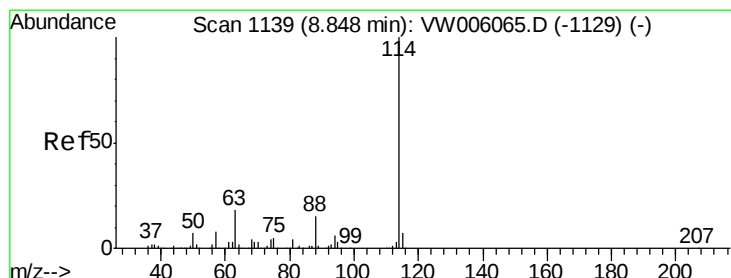
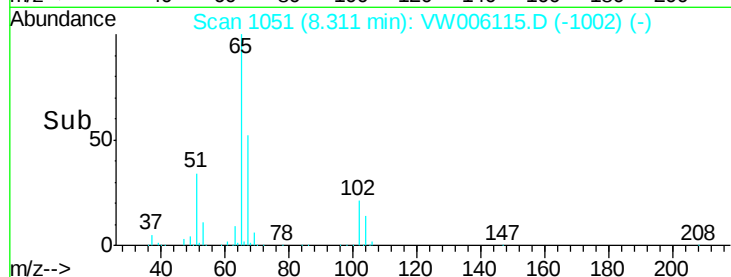
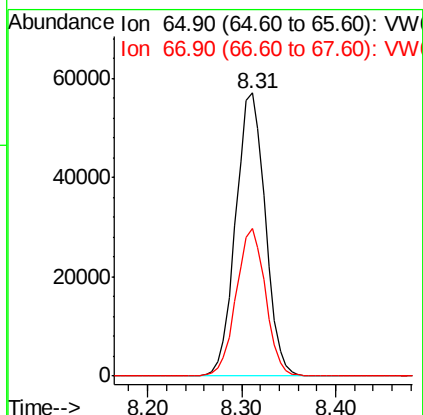
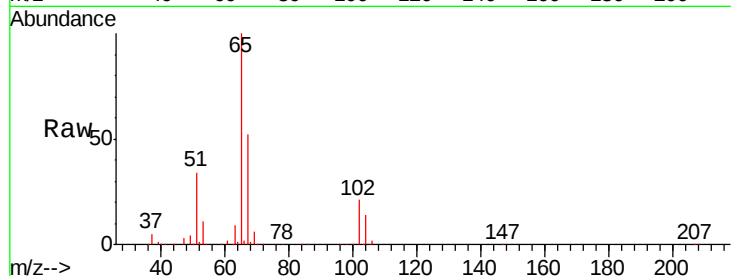




#33
 1,2-Dichloroethane-d4
 Concen: 55.16 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006115.D
 Acq: 17 Oct 2018 09:05

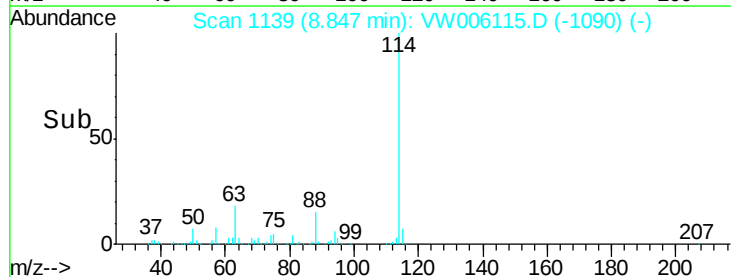
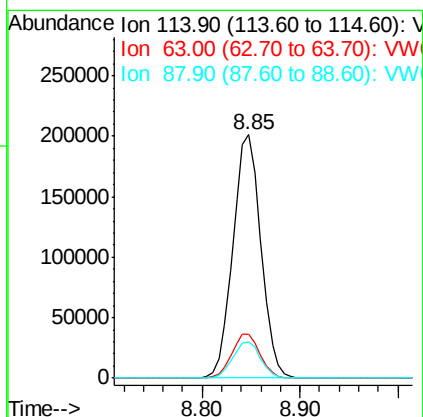
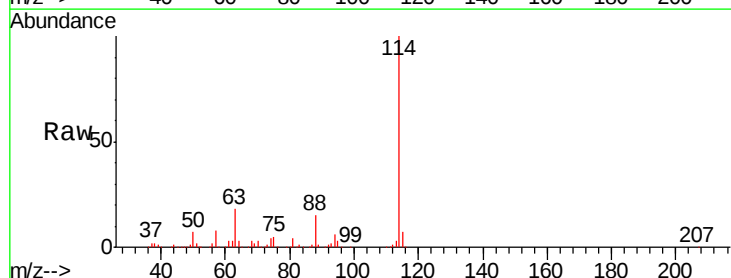
Instrument :
 MSVOA_W
 ClientSampleId :
 SODUS-TS

Tgt Ion: 65 Resp: 124804
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006115.D
 Acq: 17 Oct 2018 09:05

Tgt Ion: 114 Resp: 398317
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.8
 88 15.1 0.0 29.0





#35

Dibromofluoromethane

Concen: 47.98 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006115.D

Acq: 17 Oct 2018 09:05

Instrument :

MSVOA_W

ClientSampleId :

SODUS-TS

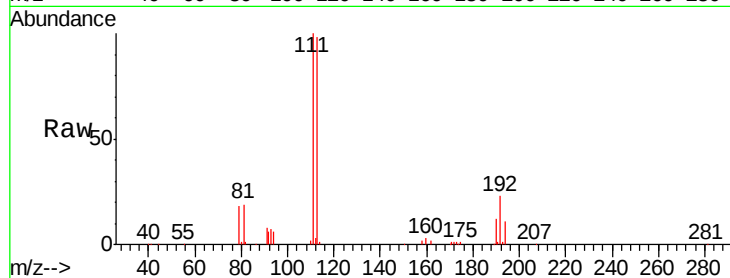
Tgt Ion:113 Resp: 112939

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

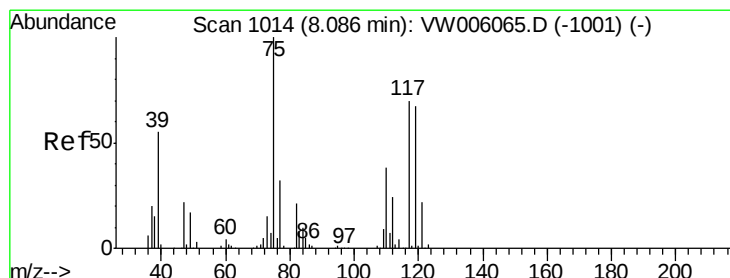
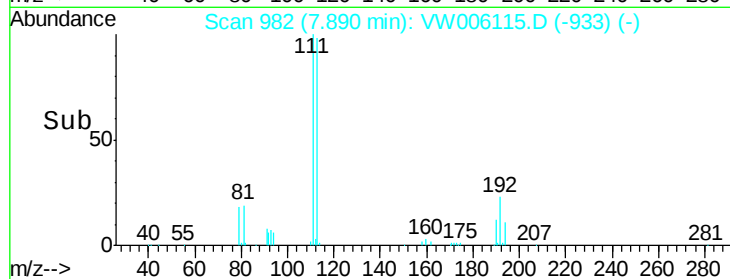
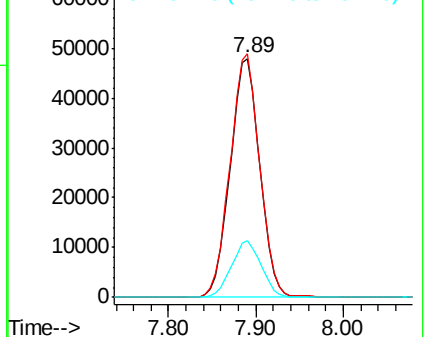
192 23.7 18.7 28.1



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: 4.83 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006115.D

Acq: 17 Oct 2018 09:05

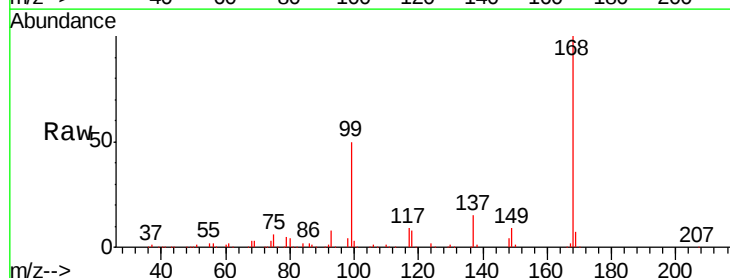
Tgt Ion: 75 Resp: 17734

Ion Ratio Lower Upper

75 100

110 9.3 19.1 57.1#

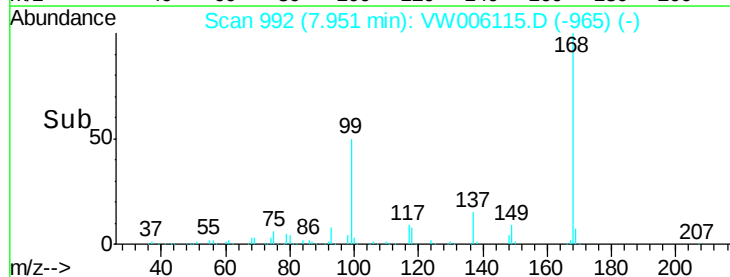
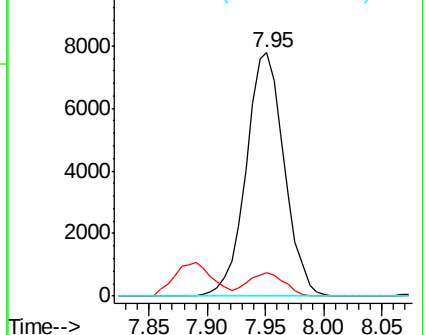
77 0.0 25.0 37.4#

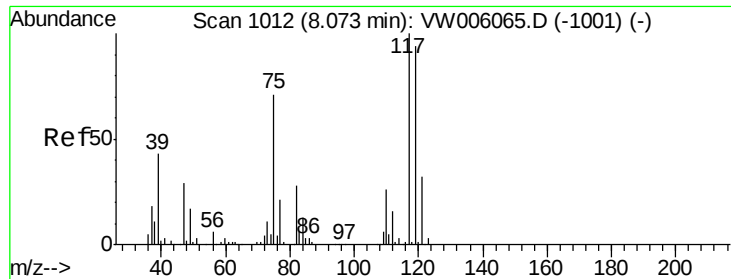


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

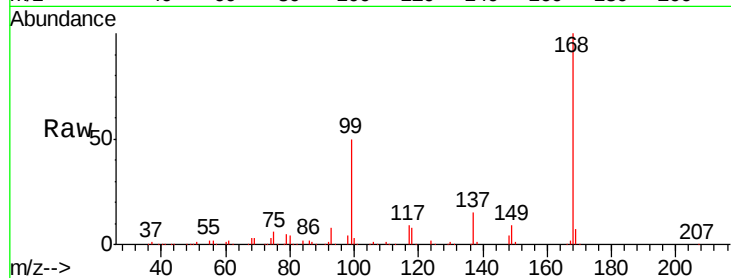




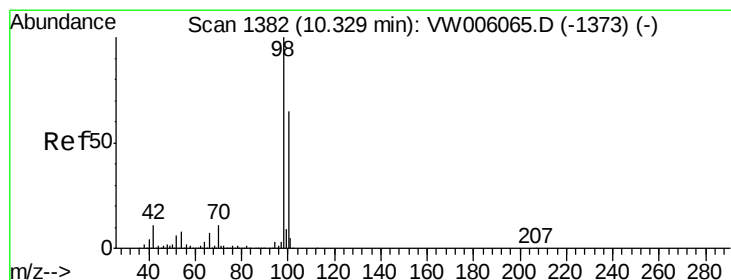
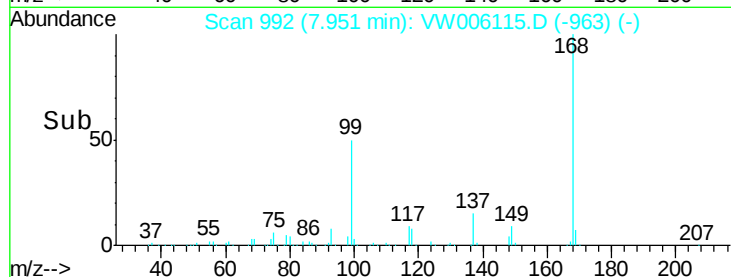
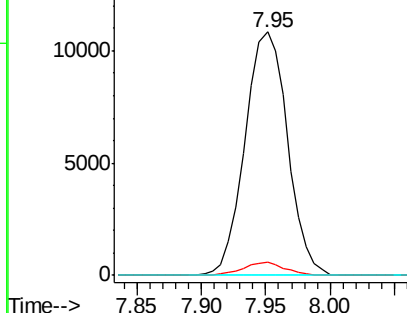
#38
Carbon Tetrachloride
Concen: 6.16 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006115.D
Acq: 17 Oct 2018 09:05

Instrument :
MSVOA_W
ClientSampleId :
SODUS-TS

Tgt Ion:117 Resp: 24774
Ion Ratio Lower Upper
117 100
119 5.6 75.2 112.8#
121 0.0 25.3 37.9#

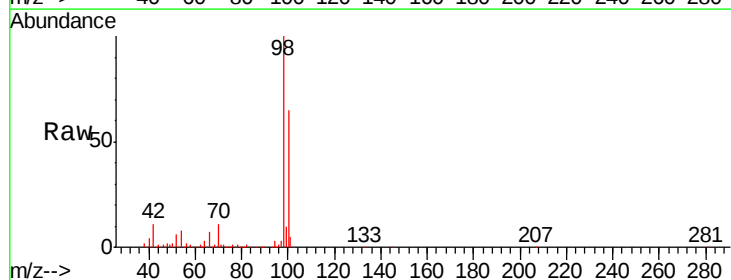


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

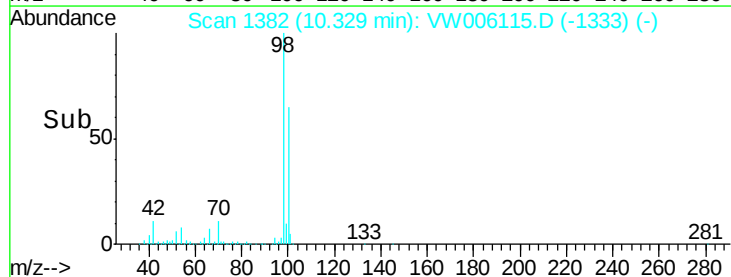
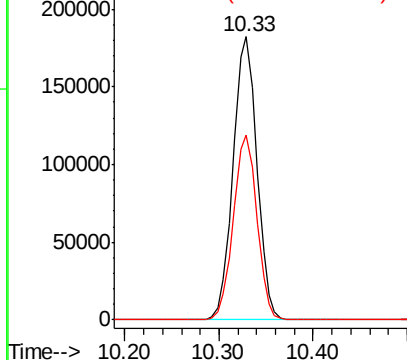


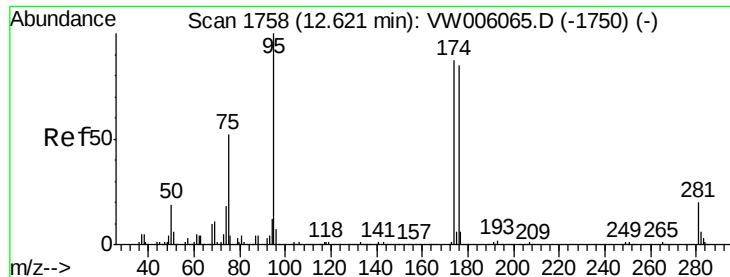
#50
Toluene-d8
Concen: 35.76 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006115.D
Acq: 17 Oct 2018 09:05

Tgt Ion: 98 Resp: 320234
Ion Ratio Lower Upper
98 100
100 64.9 51.6 77.4



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





#62

4-Bromofluorobenzene

Concen: 35.74 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006115.D

Acq: 17 Oct 2018 09:05

Instrument :

MSVOA_W

ClientSampleId :

SODUS-TS

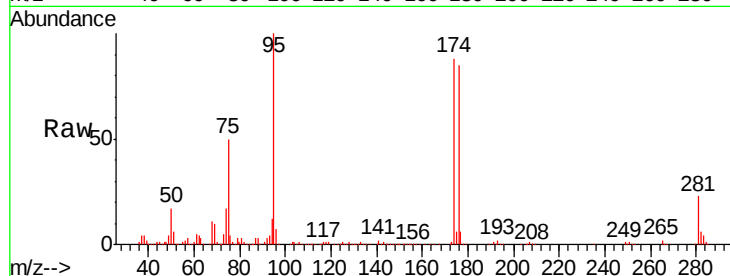
Tgt Ion: 95 Resp: 120204

Ion Ratio Lower Upper

95 100

174 92.6 0.0 186.0

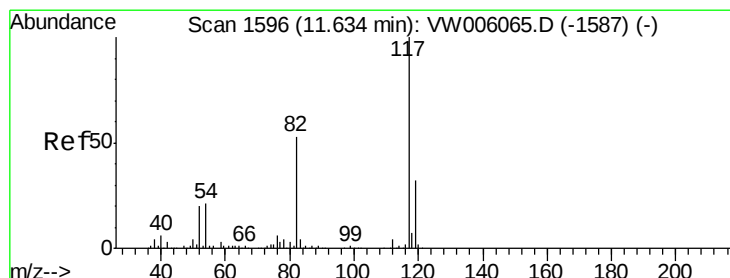
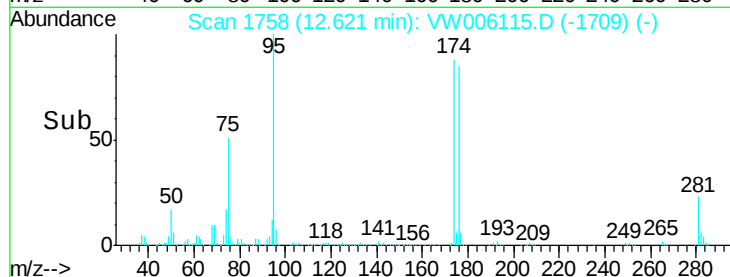
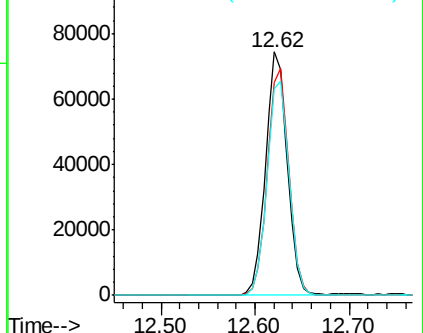
176 89.9 0.0 181.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW006115.D

Acq: 17 Oct 2018 09:05

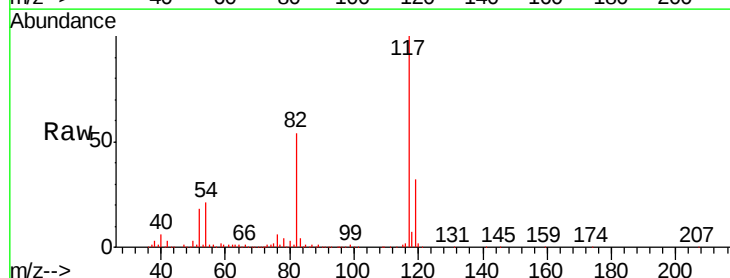
Tgt Ion: 117 Resp: 297325

Ion Ratio Lower Upper

117 100

82 53.9 42.1 63.1

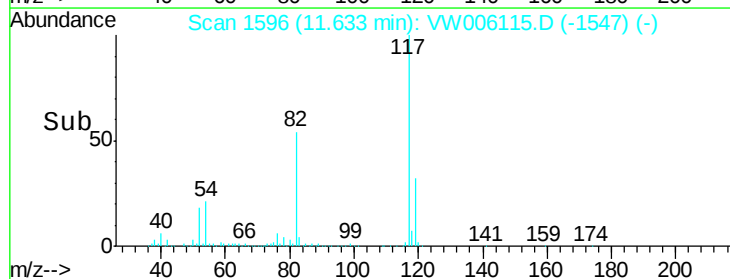
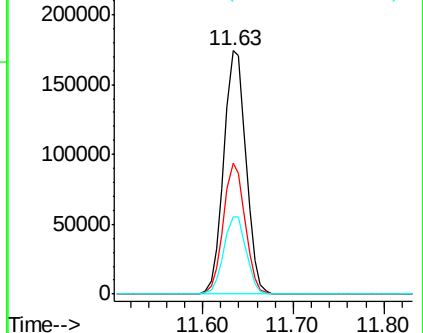
119 31.8 25.8 38.6

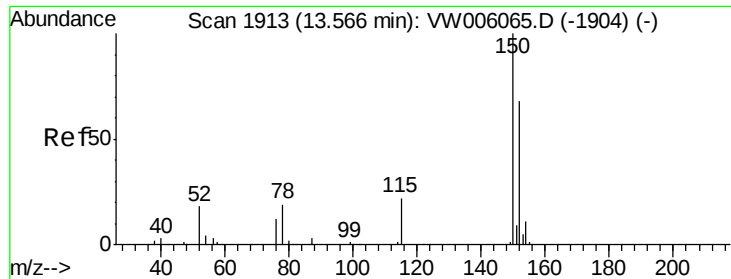


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006115.D

Acq: 17 Oct 2018 09:05

Instrument :

MSVOA_W

ClientSampleId :

SODUS-TS

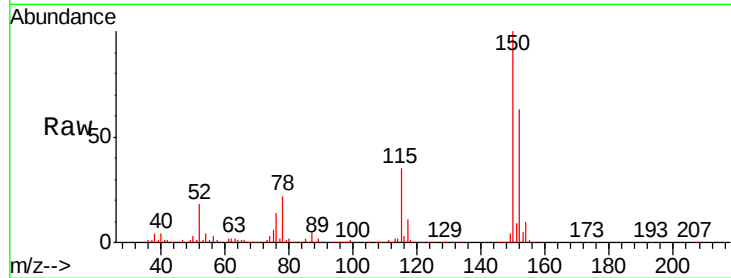
Tgt Ion:152 Resp: 131083

Ion Ratio Lower Upper

152 100

115 55.3 27.8 83.3

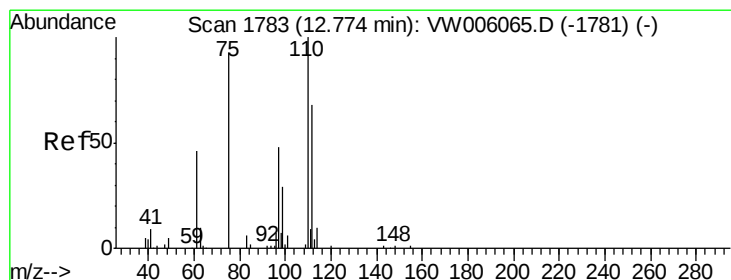
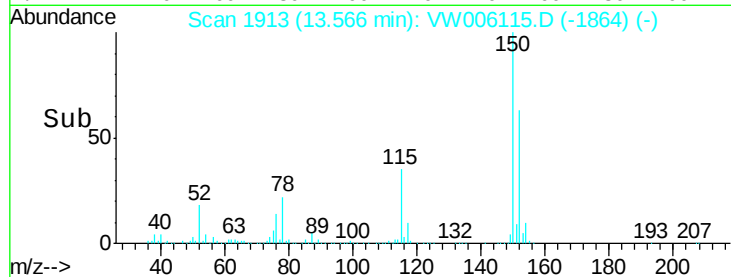
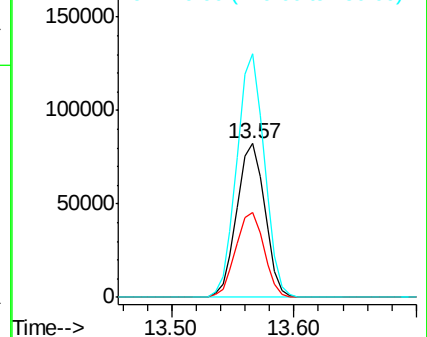
150 155.1 0.0 349.2



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: 60.62 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006115.D

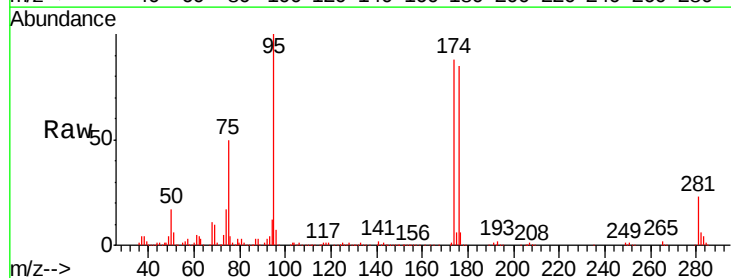
Acq: 17 Oct 2018 09:05

Tgt Ion: 75 Resp: 60694

Ion Ratio Lower Upper

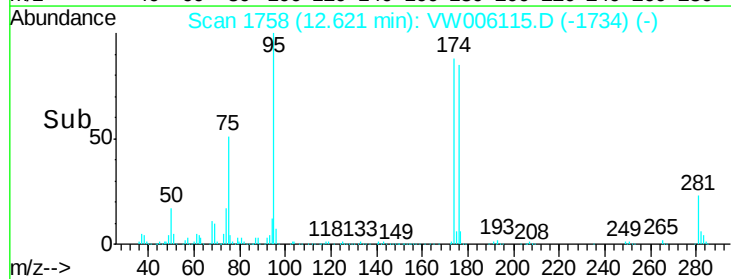
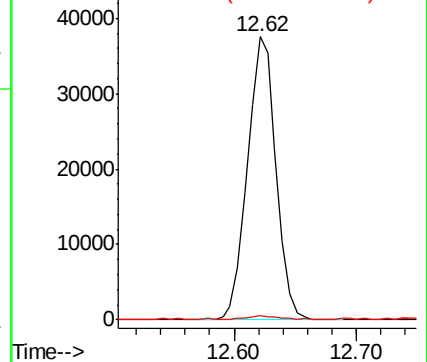
75 100

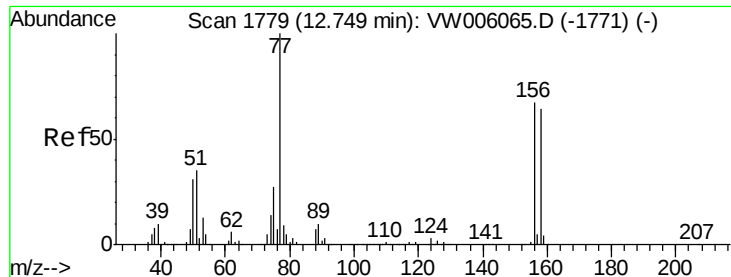
77 1.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 1.48 ug/l

RT: 12.91 min Scan# 1806

Delta R.T. 0.16 min

Lab File: VW006115.D

Acq: 17 Oct 2018 09:05

Instrument :

MSVOA_W

ClientSampled :

SODUS-TS

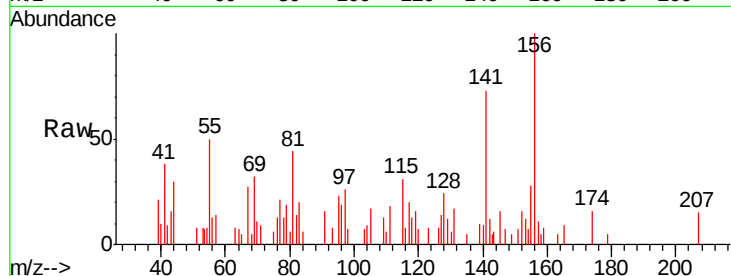
Tgt Ion:156 Resp: 3357

Ion Ratio Lower Upper

156 100

77 5.9 79.1 237.4#

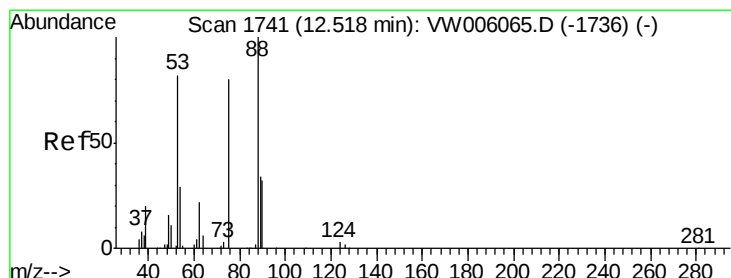
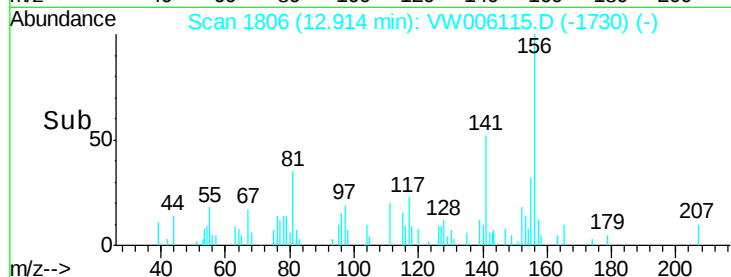
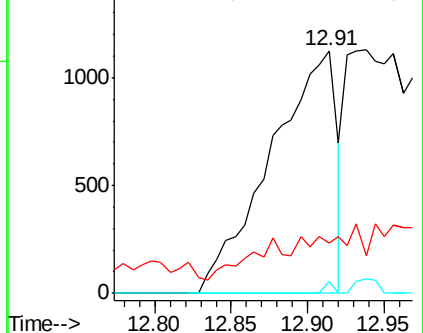
158 0.6 48.5 145.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 144.91 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006115.D

Acq: 17 Oct 2018 09:05

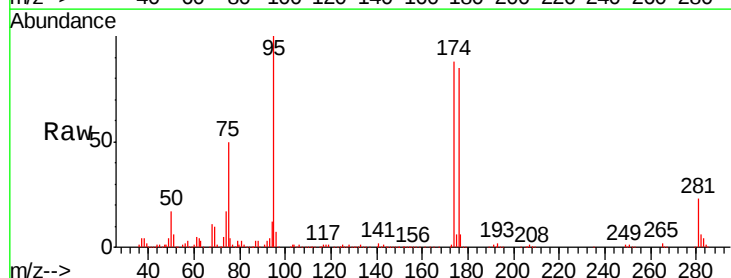
Tgt Ion: 75 Resp: 60694

Ion Ratio Lower Upper

75 100

53 0.4 79.8 119.6#

89 0.3 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

