

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101318\
 Data File : VW006045.D
 Acq On : 12 Oct 2018 13:15
 Operator : VA/AP
 Sample : J5205-03
 Misc : 8.18G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-04-101118

Quant Time: Oct 13 01:07:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	234877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	342201	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	263277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	90200	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	116209	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.94%	
35) Dibromofluoromethane	7.88	113	114423	52.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.74%	
50) Toluene-d8	10.33	98	393552	46.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.64%	
62) 4-Bromofluorobenzene	12.62	95	108618	33.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.92%	

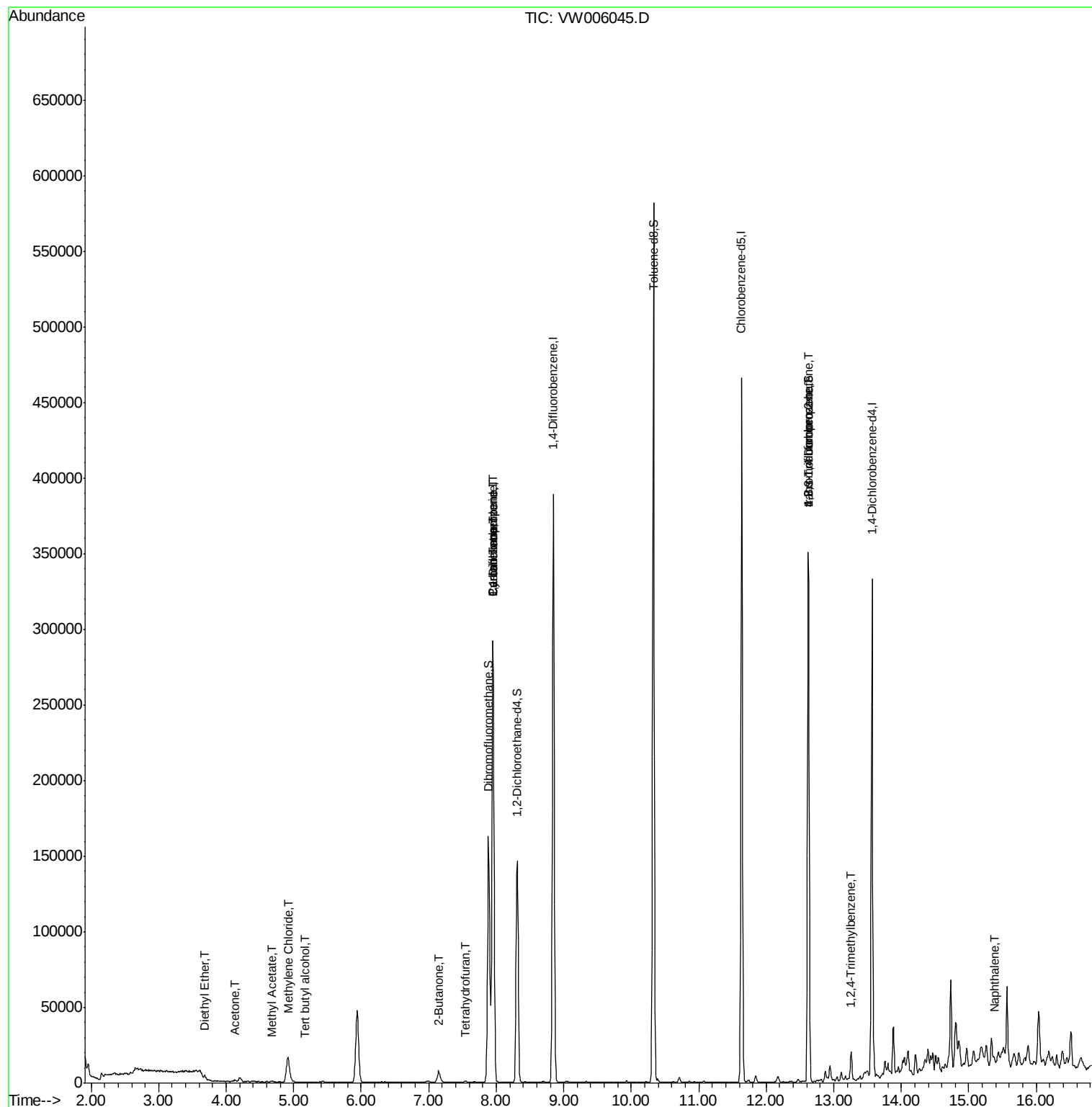
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1622	1.545	ug/l	77
11) Tert butyl alcohol	5.17	59	179	1.071	ug/l #	74
16) Acetone	4.12	43	1877	4.121	ug/l #	79
18) Methyl Acetate	4.68	43	1304	1.135	ug/l #	78
20) Methylene Chloride	4.92	84	14025	6.146	ug/l	97
25) 2-Butanone	7.15	43	665	1.027	ug/l #	49
29) Tetrahydrofuran	7.54	42	573	1.399	ug/l #	61
31) Cyclohexane	7.95	56	4552	1.140	ug/l #	9
36) 1,1-Dichloropropene	7.95	75	15438	4.708	ug/l #	49
38) Carbon Tetrachloride	7.95	117	21896	6.215	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	55705	69.136	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	55705	145.953	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.26	105	10723	1.911	ug/l	98
95) Naphthalene	15.38	128	5278	1.435	ug/l	96

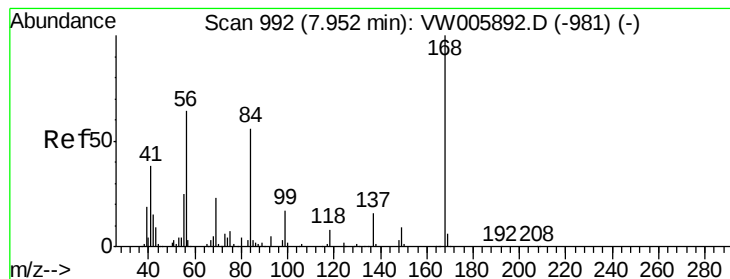
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101318\
Data File : VW006045.D
Acq On : 12 Oct 2018 13:15
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Quant Time: Oct 13 01:07:43 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 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: VW006045.D

Acq: 12 Oct 2018 13:15

Instrument :

MSVOA_W

ClientSampleId :

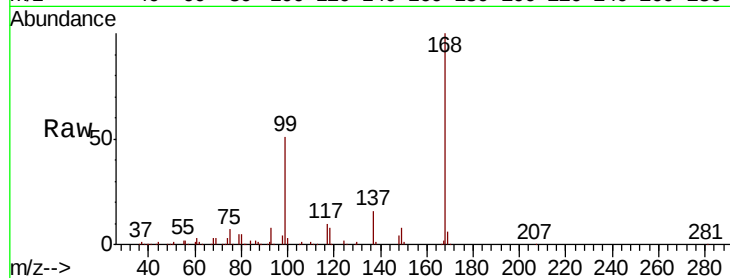
TR-04-101118

Tgt Ion:168 Resp: 234877

Ion Ratio Lower Upper

168 100

99 51.1 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

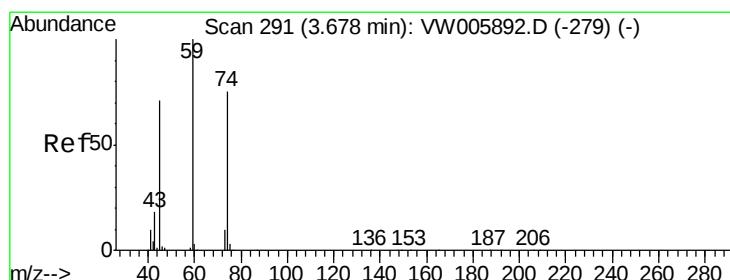
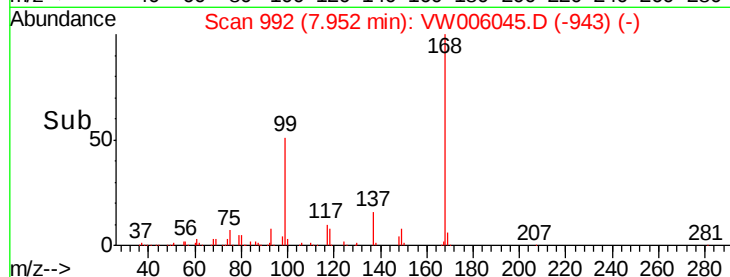
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 1.545 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW006045.D

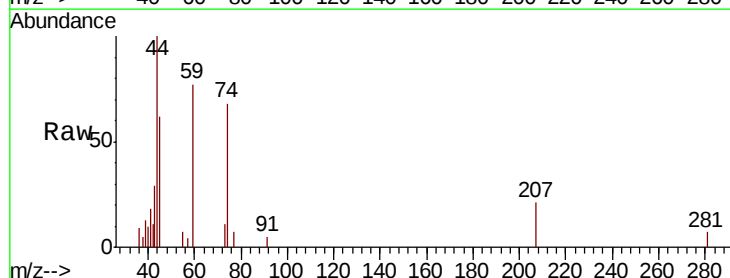
Acq: 12 Oct 2018 13:15

Tgt Ion: 74 Resp: 1622

Ion Ratio Lower Upper

74 100

45 115.4 46.8 140.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

800

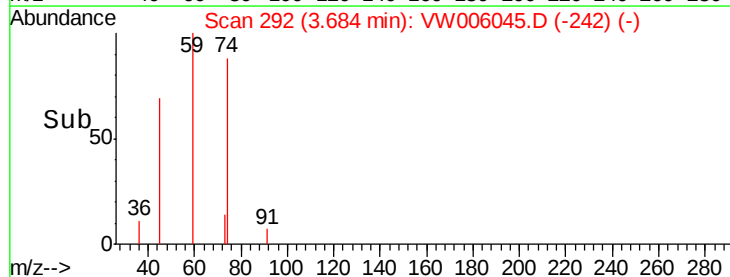
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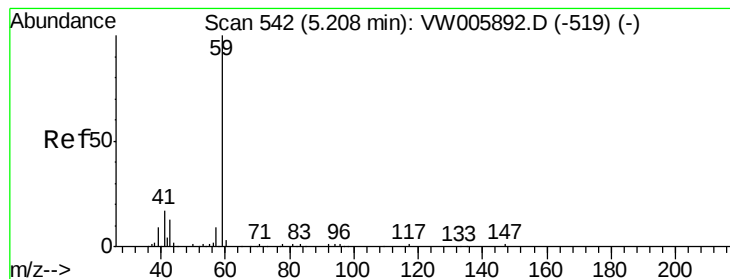
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200

0

Time--> 3.60 3.65 3.70 3.75



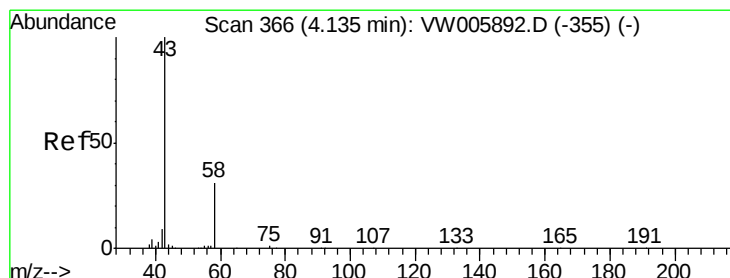
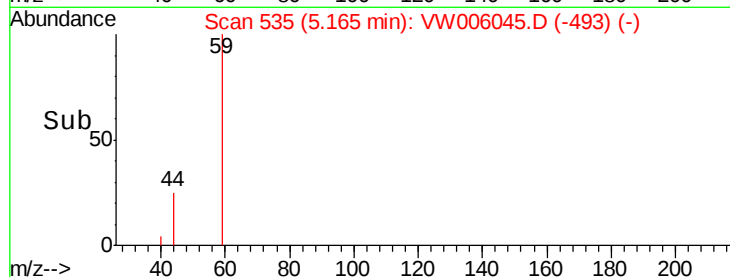
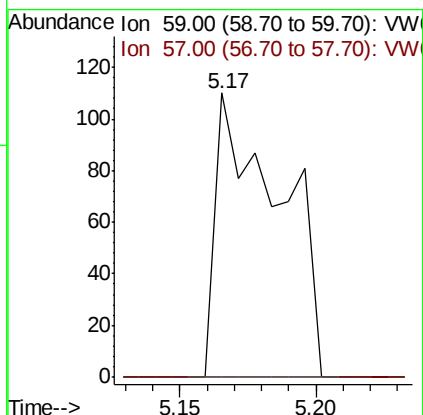
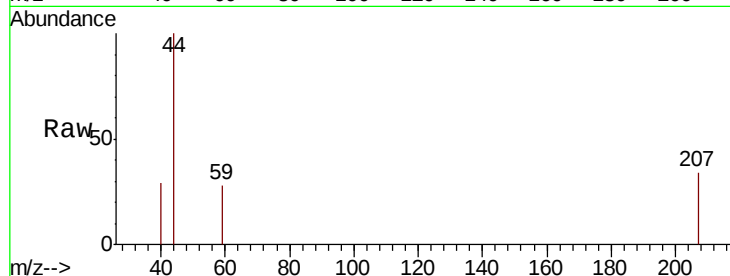


#11

Tert butyl alcohol
 Concen: 1.071 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.04 min
 Lab File: VW006045.D
 Acq: 12 Oct 2018 13:15

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-04-101118

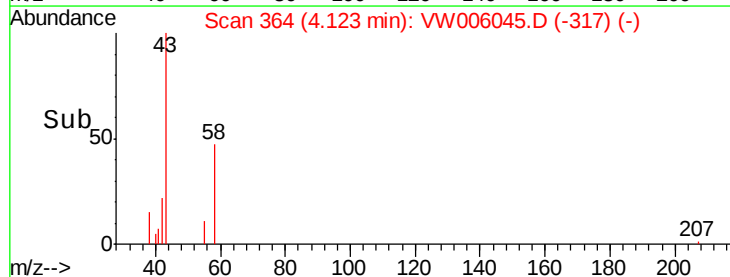
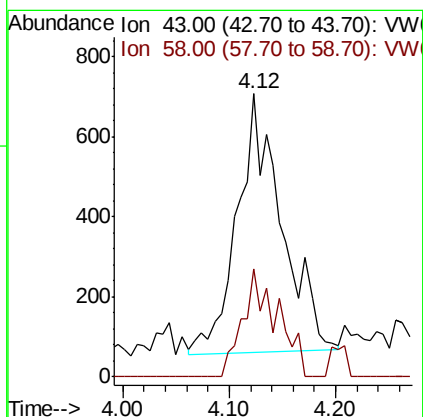
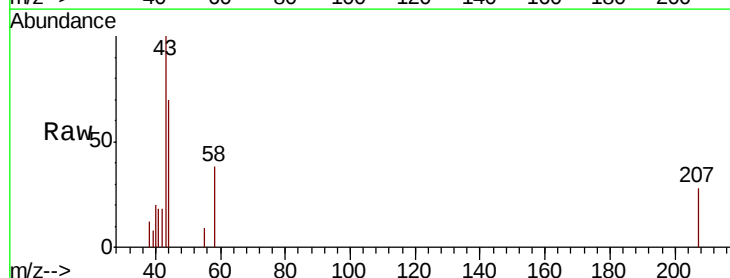
Tgt Ion: 59 Resp: 179
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.7 11.5#

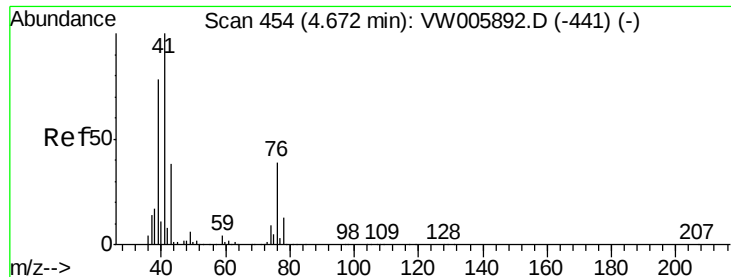


#16

Acetone
 Concen: 4.121 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VW006045.D
 Acq: 12 Oct 2018 13:15

Tgt Ion: 43 Resp: 1877
 Ion Ratio Lower Upper
 43 100
 58 42.4 24.7 37.1#

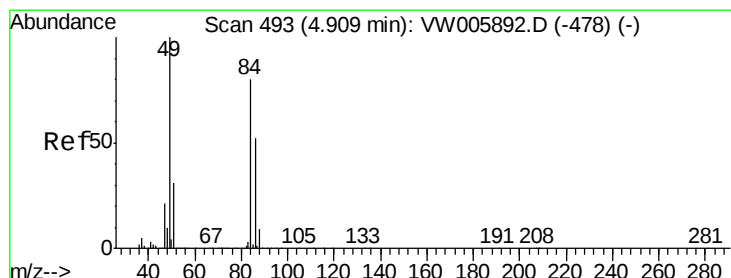
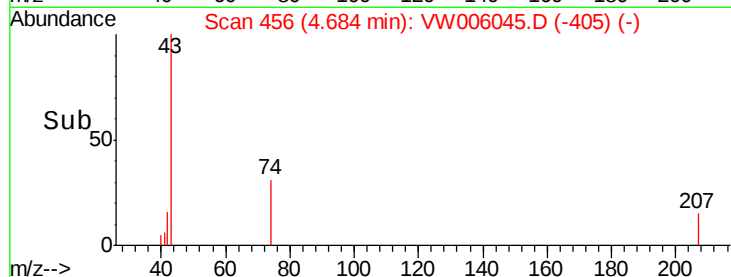
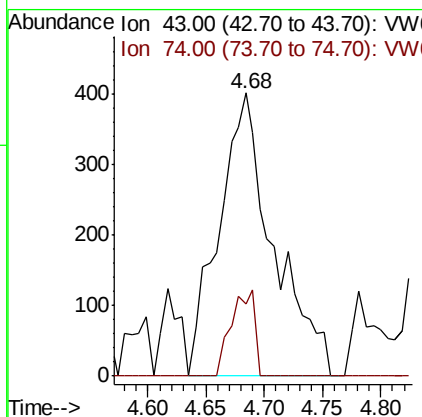
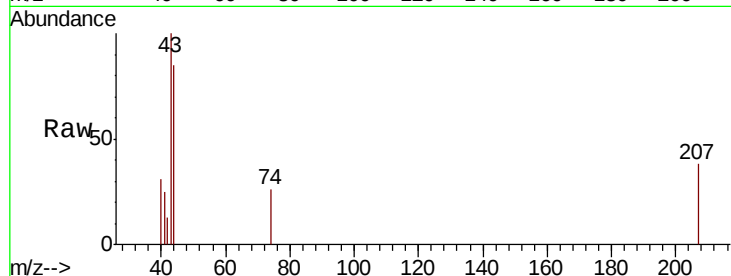




#18
Methyl Acetate
Concen: 1.135 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW006045.D
Acq: 12 Oct 2018 13:15

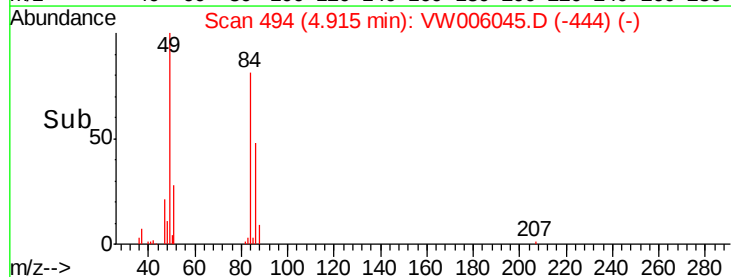
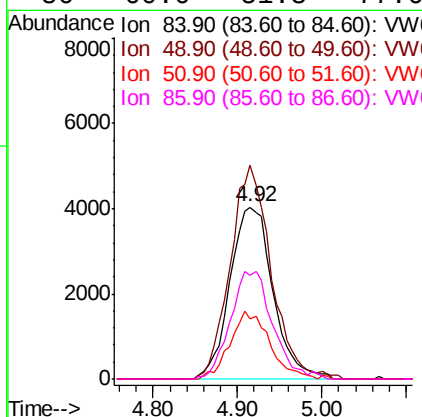
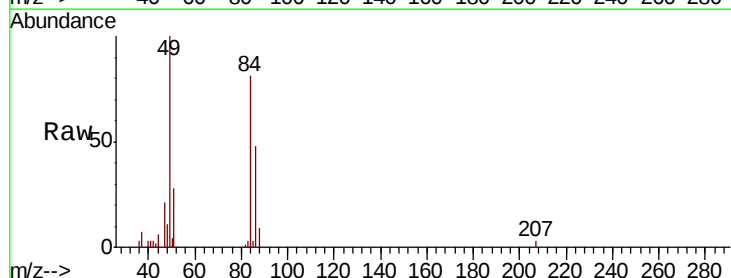
Instrument :
MSVOA_W
ClientSampleId :
TR-04-101118

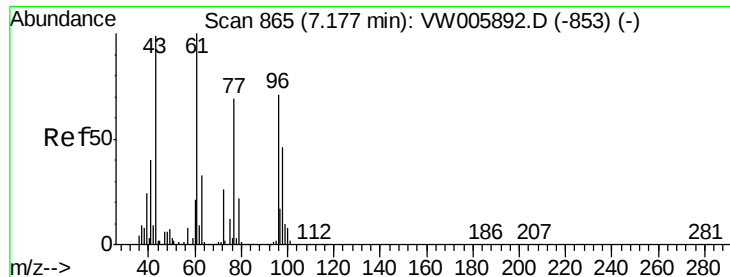
Tgt Ion: 43 Resp: 1304
Ion Ratio Lower Upper
43 100
74 13.0 19.2 28.8#



#20
Methylene Chloride
Concen: 6.146 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW006045.D
Acq: 12 Oct 2018 13:15

Tgt Ion: 84 Resp: 14025
Ion Ratio Lower Upper
84 100
49 124.1 99.9 149.9
51 34.9 31.1 46.7
86 60.0 51.8 77.6





#25

2-Butanone

Concen: 1.027 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.03 min

Lab File: VW006045.D

Acq: 12 Oct 2018 13:15

Instrument :

MSVOA_W

ClientSampleId :

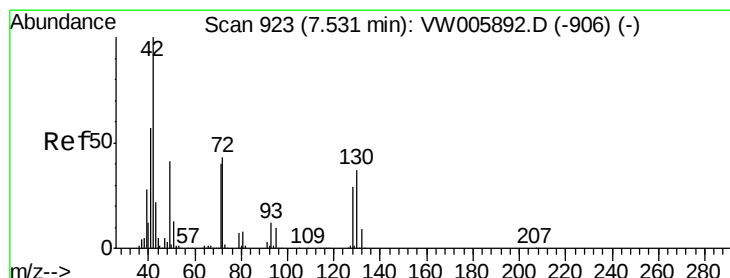
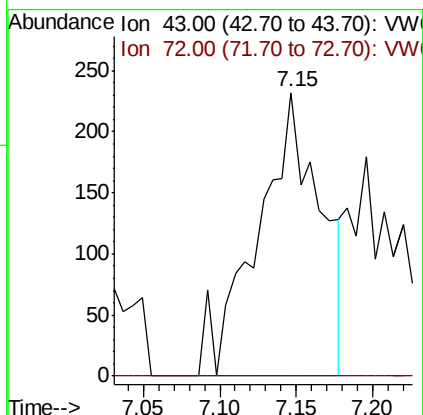
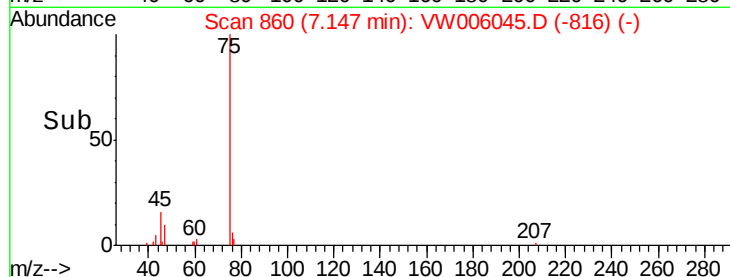
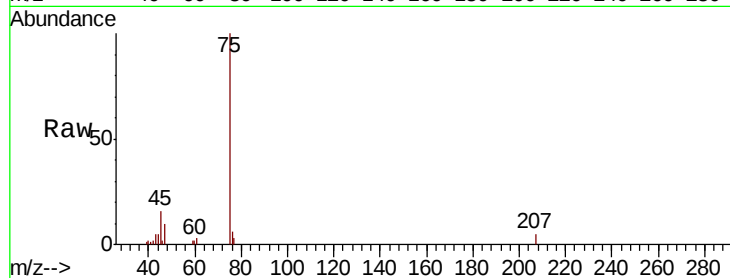
TR-04-101118

Tgt Ion: 43 Resp: 665

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.4#



#29

Tetrahydrofuran

Concen: 1.399 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW006045.D

Acq: 12 Oct 2018 13:15

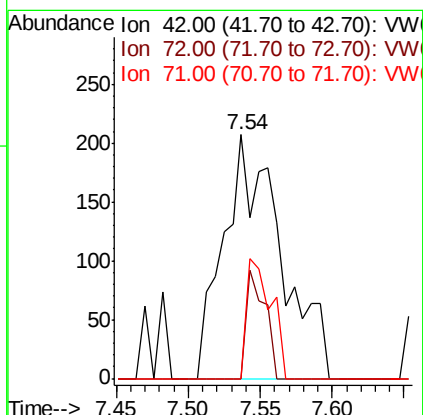
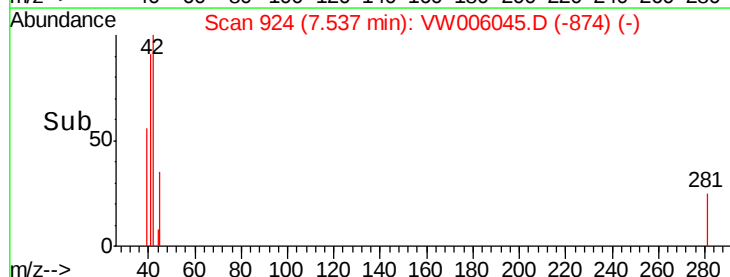
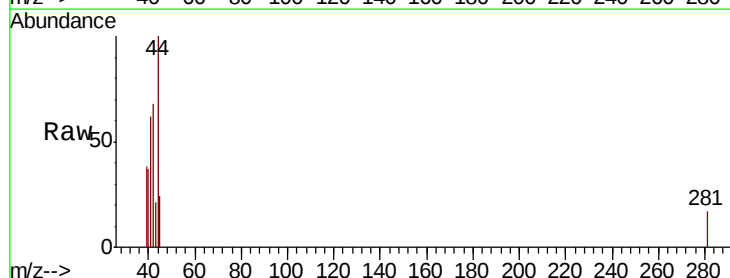
Tgt Ion: 42 Resp: 573

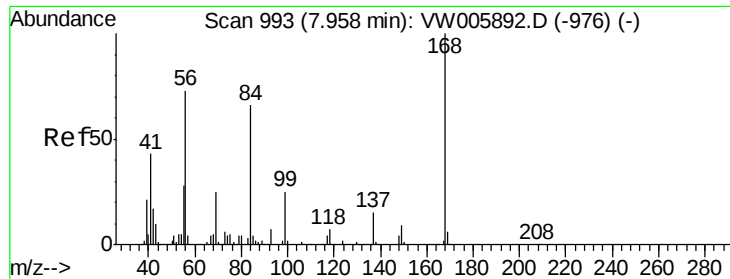
Ion Ratio Lower Upper

42 100

72 14.1 34.6 51.8#

71 20.6 32.6 49.0#

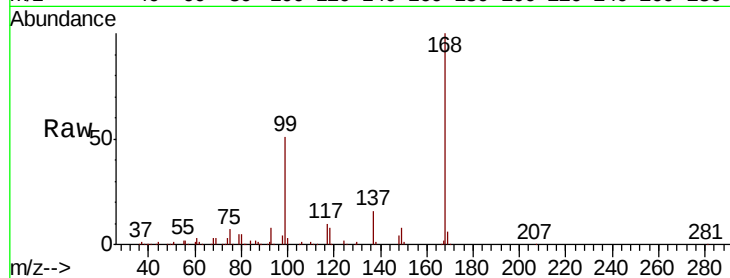




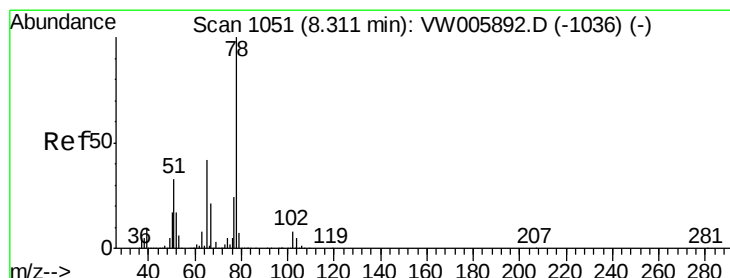
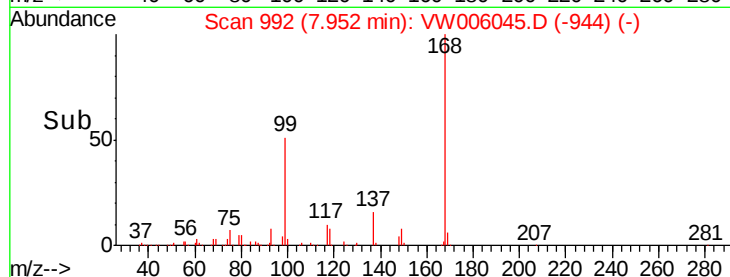
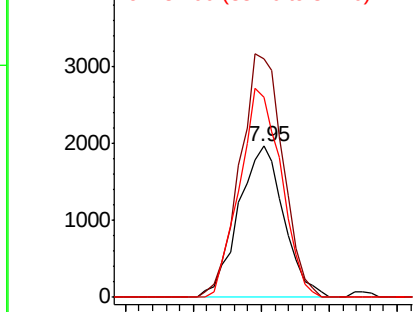
#31
Cyclohexane
Concen: 1.140 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006045.D
Acq: 12 Oct 2018 13:15

Instrument :
MSVOA_W
ClientSampleId :
TR-04-101118

Tgt Ion: 56 Resp: 4552
Ion Ratio Lower Upper
56 100
69 158.2 27.9 41.9#
84 132.5 72.3 108.5#

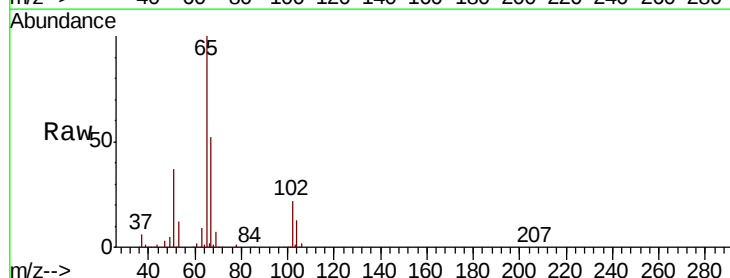


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

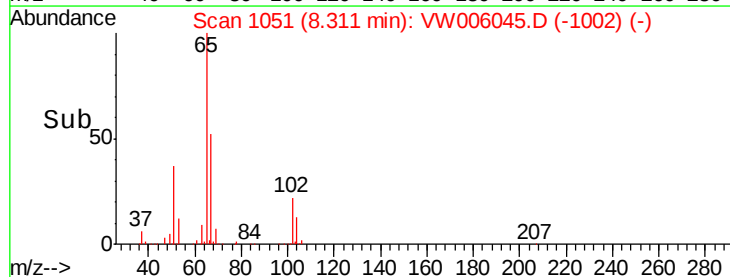
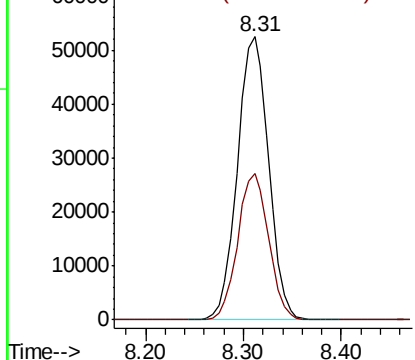


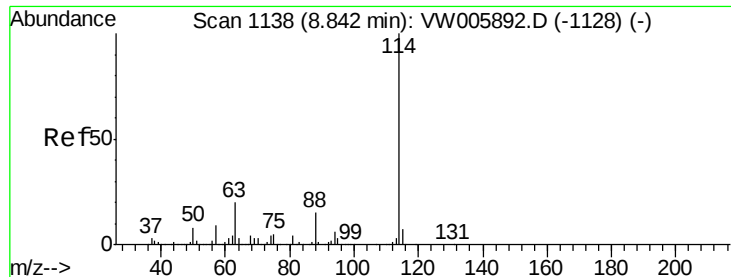
#33
1,2-Dichloroethane-d4
Concen: 50.966 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW006045.D
Acq: 12 Oct 2018 13:15

Tgt Ion: 65 Resp: 116209
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.6



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

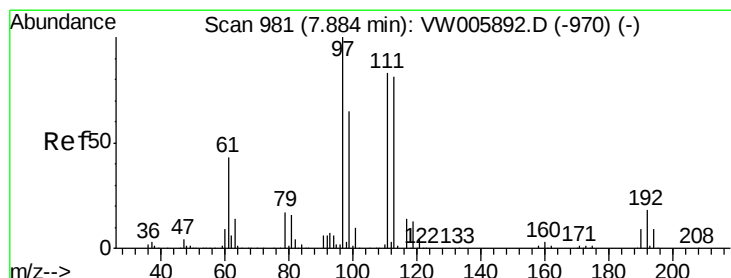
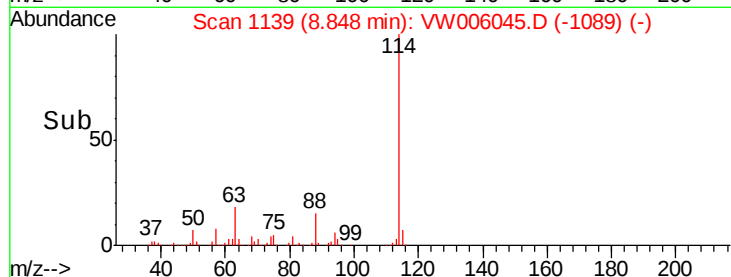
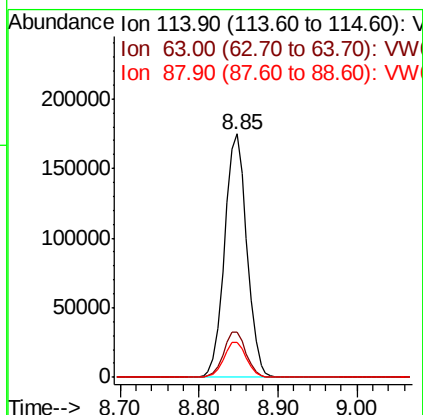
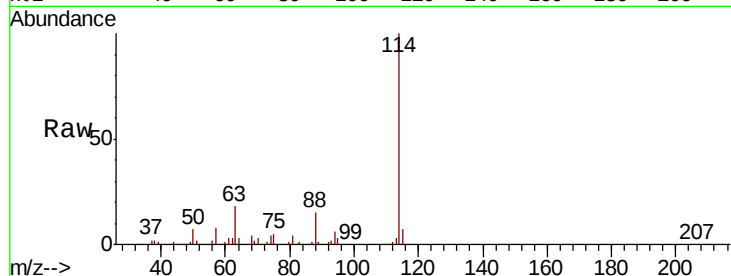




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW006045.D
 Acq: 12 Oct 2018 13:15

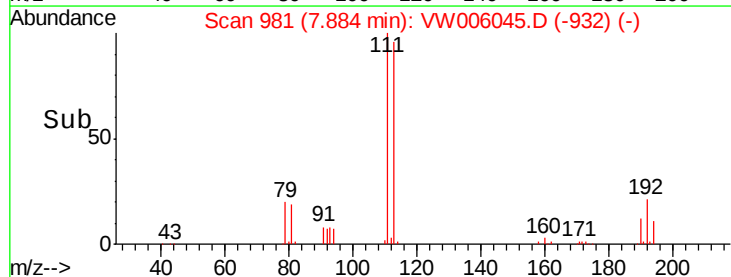
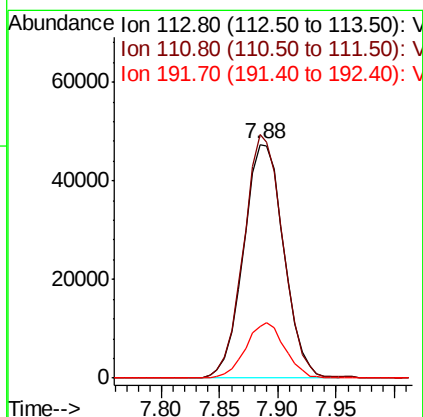
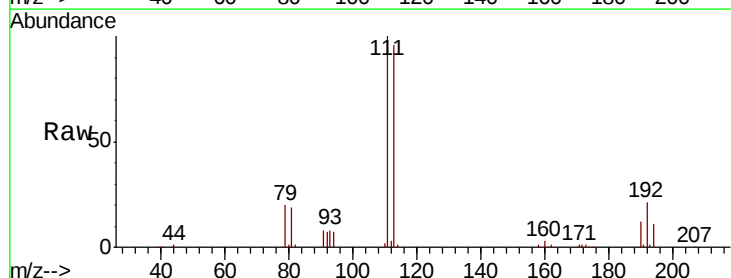
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 TR-04-101118

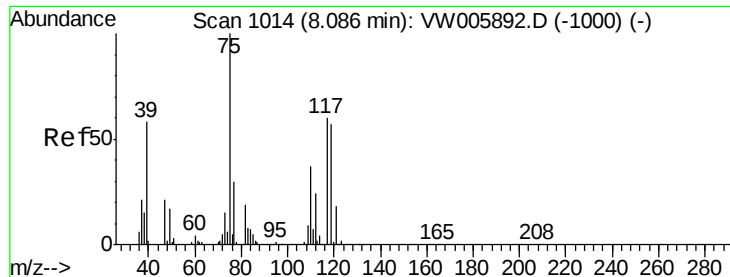
Tgt Ion:114 Resp: 342201
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.2
 88 14.6 0.0 30.8



#35
 Dibromofluoromethane
 Concen: 52.372 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW006045.D
 Acq: 12 Oct 2018 13:15

Tgt Ion:113 Resp: 114423
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.0 123.0
 192 22.9 18.3 27.5

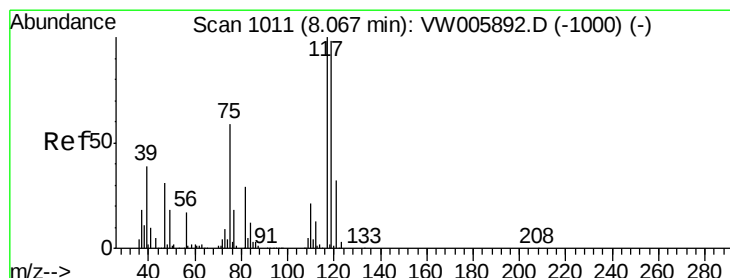
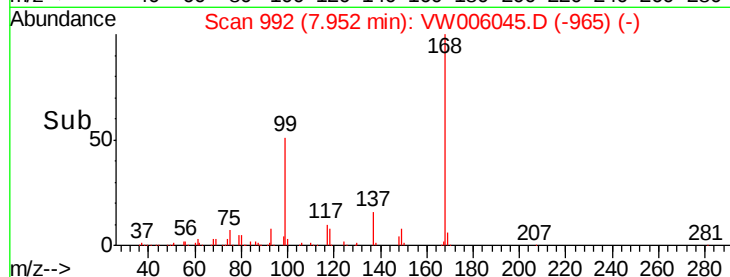
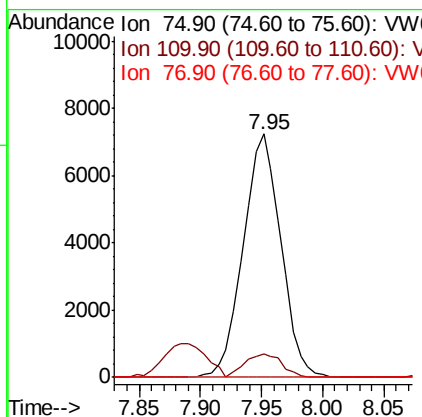
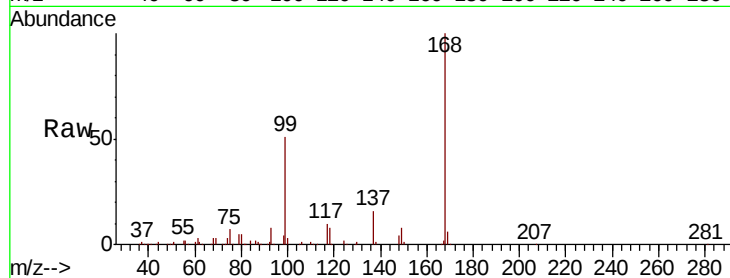




#36
 1,1-Dichloropropene
 Concen: 4.708 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006045.D
 Acq: 12 Oct 2018 13:15

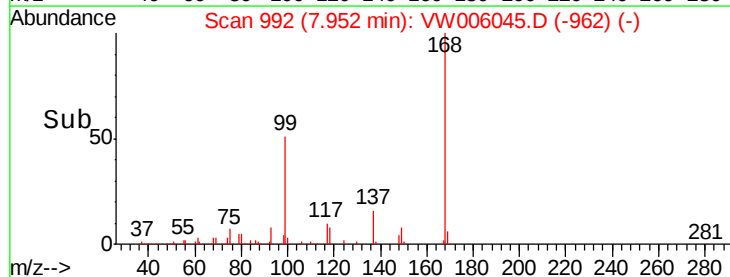
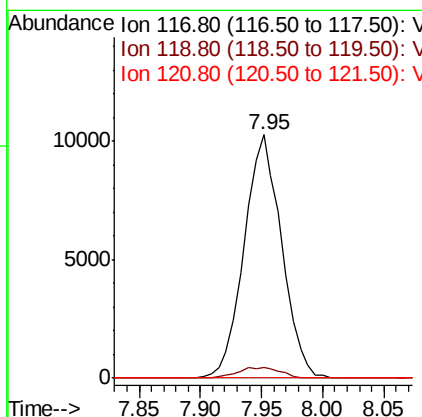
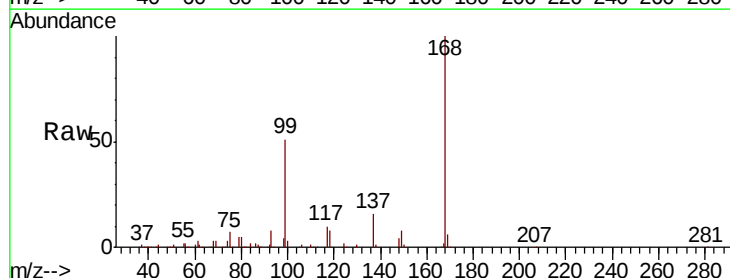
Instrument :
 MSVOA_W
 ClientSampleId :
 TR-04-101118

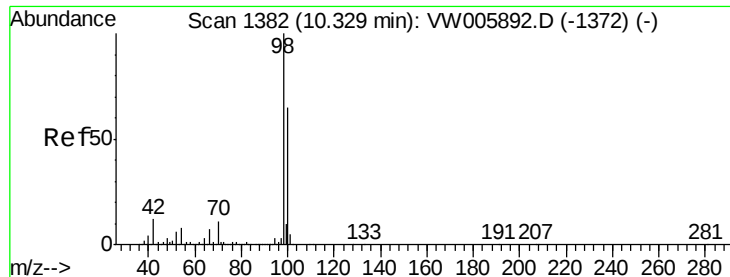
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.6	56.0#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.215 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006045.D
 Acq: 12 Oct 2018 13:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.1	78.6	117.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 46.819 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006045.D

Acq: 12 Oct 2018 13:15

Instrument :

MSVOA_W

ClientSampleId :

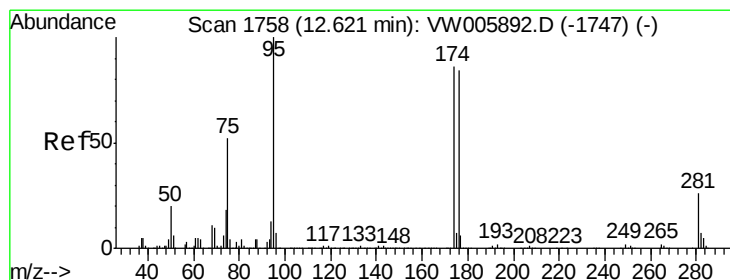
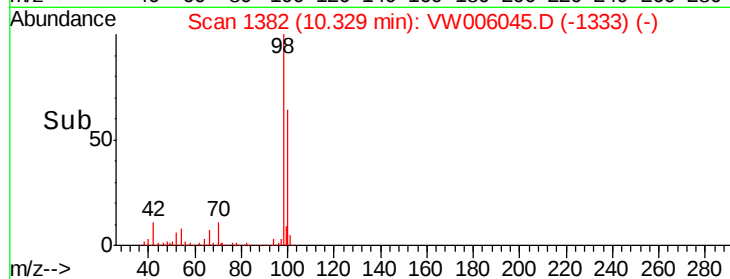
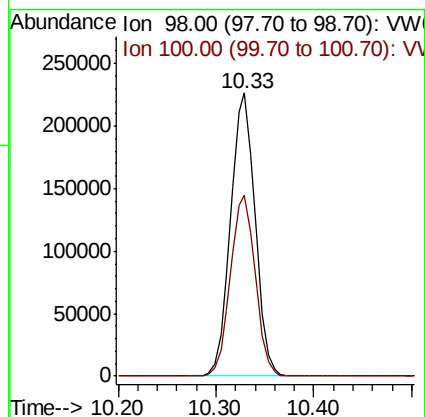
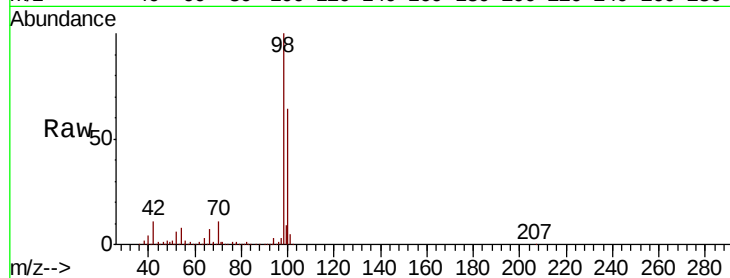
TR-04-101118

Tgt Ion: 98 Resp: 393552

Ion Ratio Lower Upper

98 100

100 64.6 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 33.963 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006045.D

Acq: 12 Oct 2018 13:15

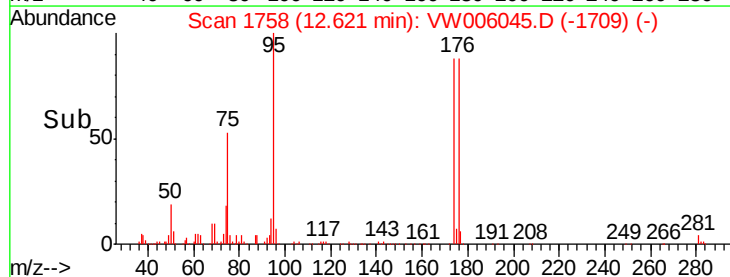
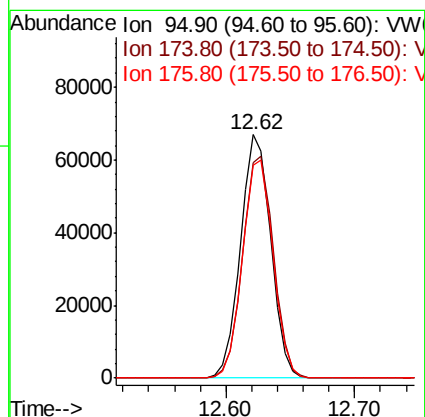
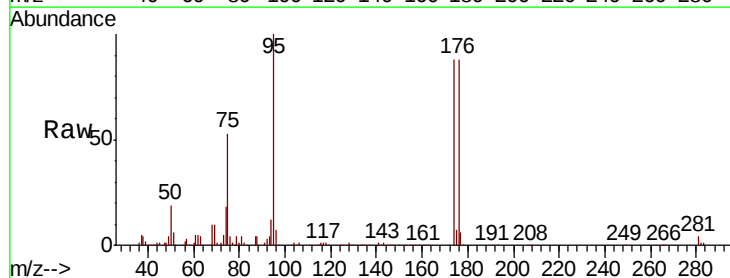
Tgt Ion: 95 Resp: 108618

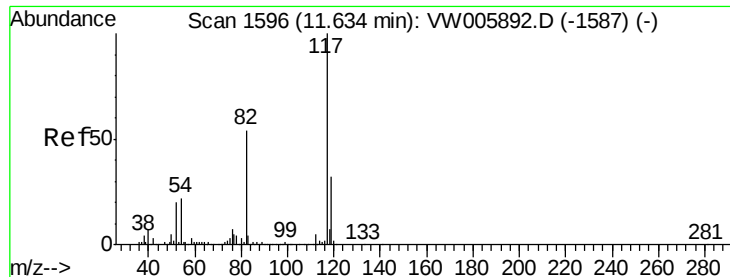
Ion Ratio Lower Upper

95 100

174 92.6 0.0 176.4

176 90.6 0.0 173.0

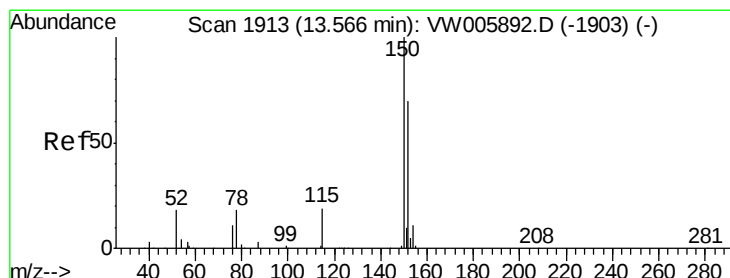
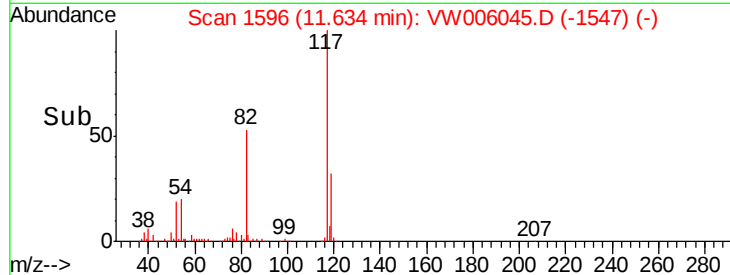
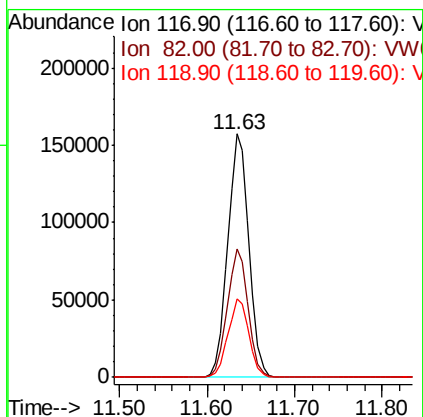
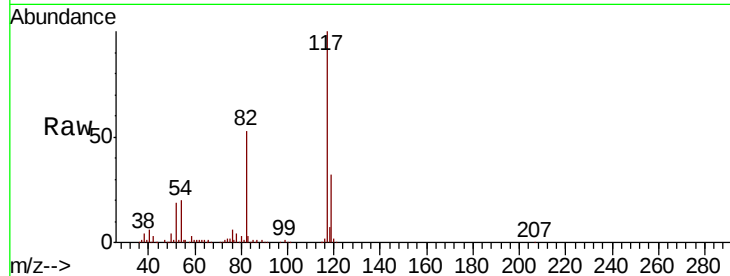




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006045.D
Acq: 12 Oct 2018 13:15

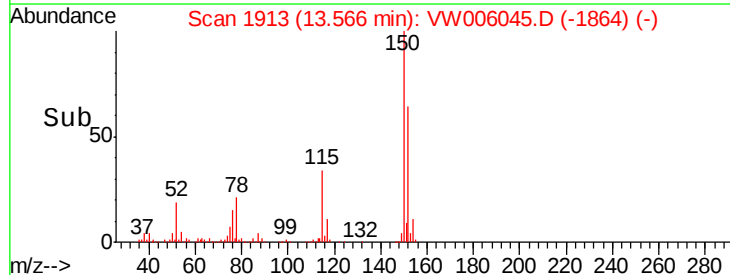
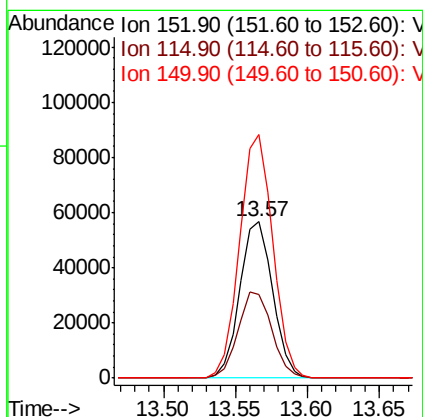
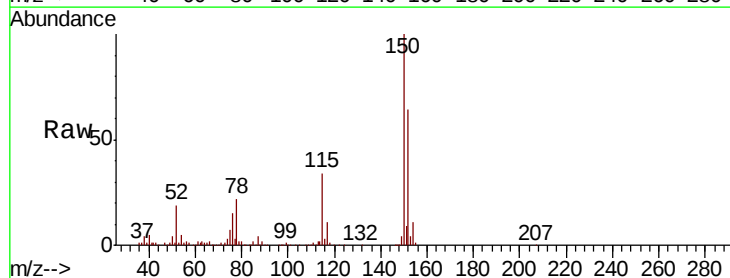
Instrument :
MSVOA_W
ClientSampleId :
TR-04-101118

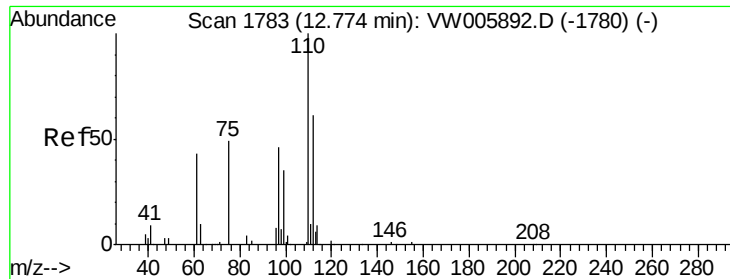
Tgt Ion:117 Resp: 263277
Ion Ratio Lower Upper
117 100
82 52.8 43.5 65.3
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006045.D
Acq: 12 Oct 2018 13:15

Tgt Ion:152 Resp: 90200
Ion Ratio Lower Upper
152 100
115 56.6 28.3 85.0
150 156.4 0.0 349.2

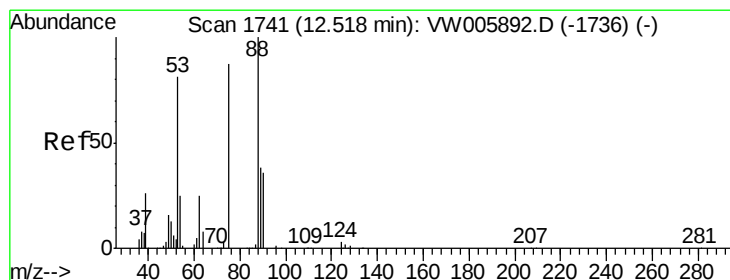
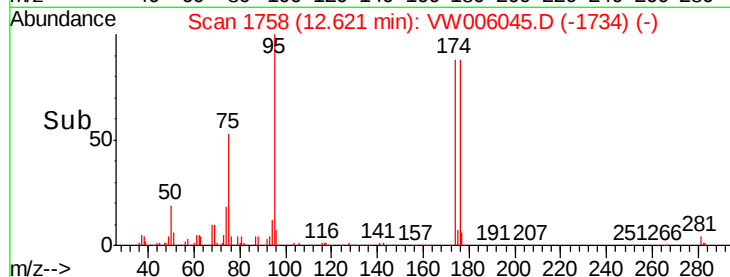
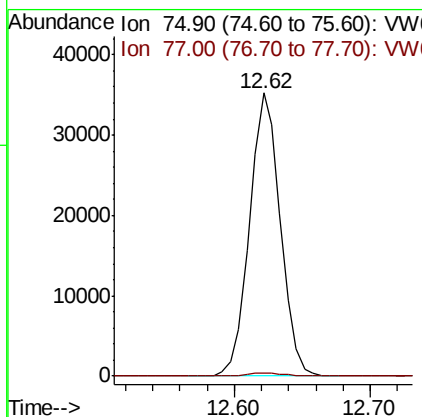
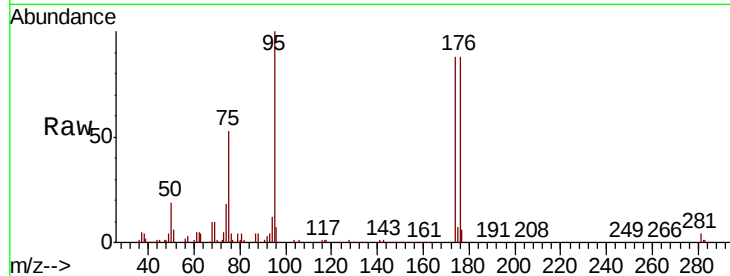




#76
 1,2,3-Trichloropropane
 Concen: 69.136 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006045.D
 Acq: 12 Oct 2018 13:15

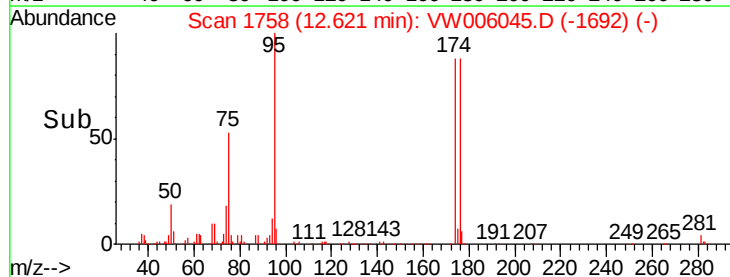
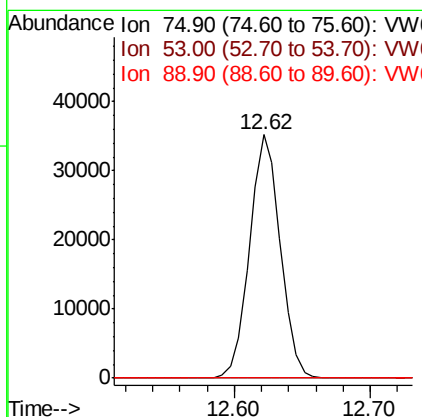
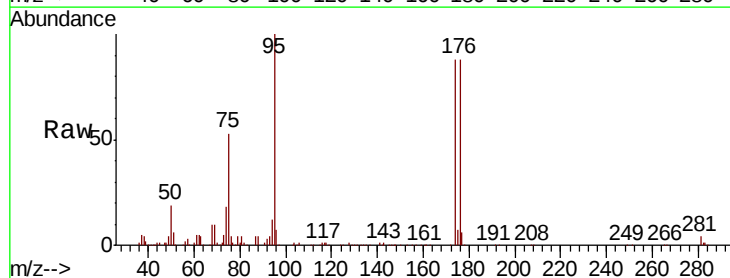
Instrument :
 MSVOA_W
 ClientSampleId :
 TR-04-101118

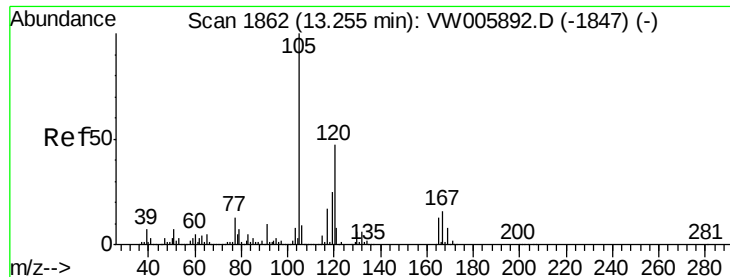
Tgt Ion: 75 Resp: 55705
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 145.953 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006045.D
 Acq: 12 Oct 2018 13:15

Tgt Ion: 75 Resp: 55705
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.5 114.7#
 89 0.0 37.6 56.4#

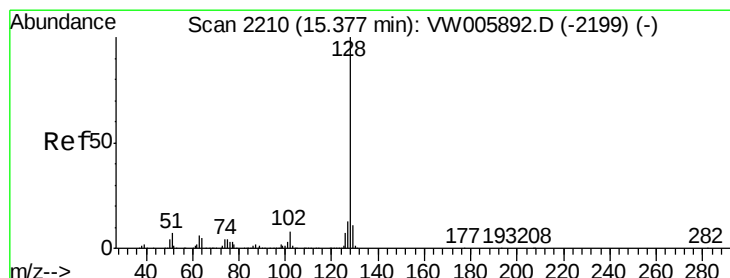
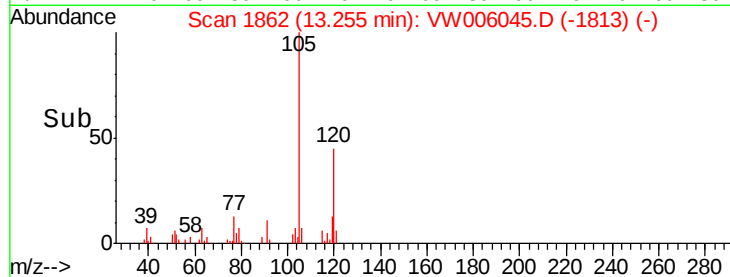
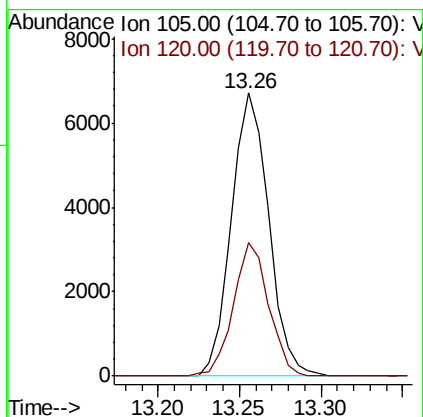
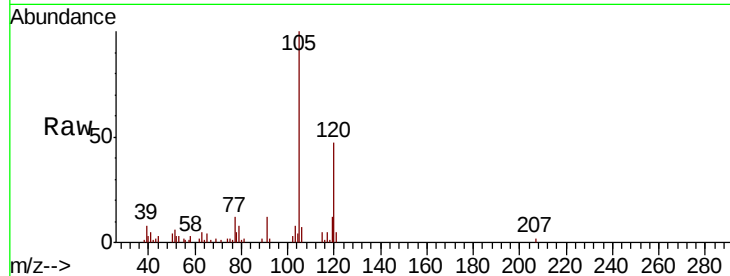




#84
 1,2,4-Trimethylbenzene
 Concen: 1.911 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006045.D
 Acq: 12 Oct 2018 13:15

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-04-101118

Tgt Ion:105 Resp: 10723
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.8 68.3



#95
 Naphthalene
 Concen: 1.435 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: VW006045.D
 Acq: 12 Oct 2018 13:15

Tgt Ion:128 Resp: 5278
 Ion Ratio Lower Upper
 128 100
 127 11.3 10.5 15.7
 129 12.2 8.9 13.3

