

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061919\
 Data File : VW010880.D
 Acq On : 20 Jun 2019 07:08
 Operator : SY/VA
 Sample : K3447-08
 Misc : 4.99G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DISPENSER-2

Quant Time: Jun 20 07:30:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

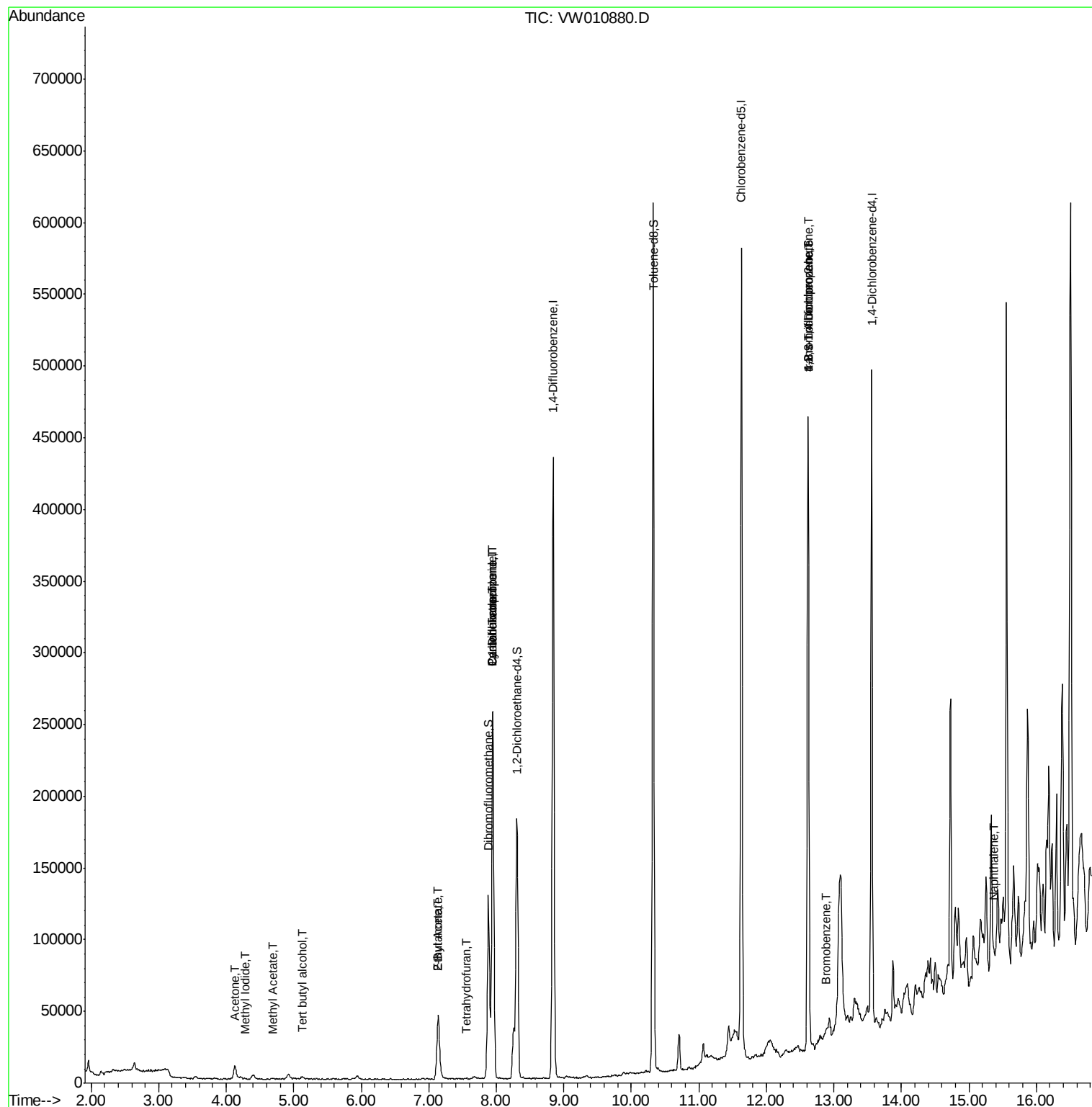
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	184157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	339242	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	282040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	108737	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	144054	66.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.74%	
35) Dibromofluoromethane	7.88	113	90315	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
50) Toluene-d8	10.32	98	375771	46.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.08%	
62) 4-Bromofluorobenzene	12.62	95	138884	47.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.54%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.28	142	19	4.807	ug/l #	41
11) Tert butyl alcohol	5.13	59	1319	7.459	ug/l #	81
16) Acetone	4.13	43	17846	30.684	ug/l	95
18) Methyl Acetate	4.69	43	1478	1.181	ug/l #	68
25) 2-Butanone	7.14	43	2979	3.694	ug/l #	72
29) Tetrahydrofuran	7.55	42	516	1.017	ug/l #	47
31) Cyclohexane	7.95	56	5216	1.191	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17426	5.018	ug/l #	51
37) Ethyl Acetate	7.14	43	2979	1.548	ug/l #	4
38) Carbon Tetrachloride	7.95	117	18851	6.289	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	75968	66.528	ug/l #	100
77) Bromobenzene	12.88	156	2879	1.614	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	75968	152.904	ug/l #	6
95) Naphthalene	15.37	128	4473	1.134	ug/l #	80

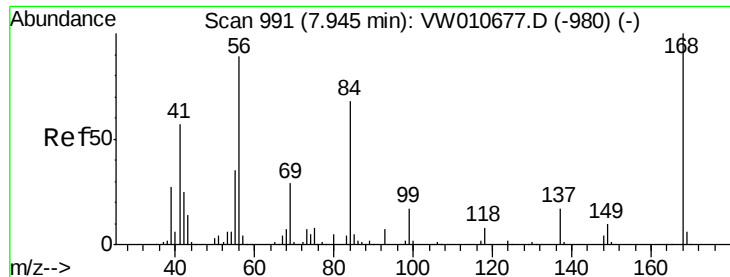
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010880.D

Acq: 20 Jun 2019 07:08

Instrument :

MSVOA_W

ClientSampleId :

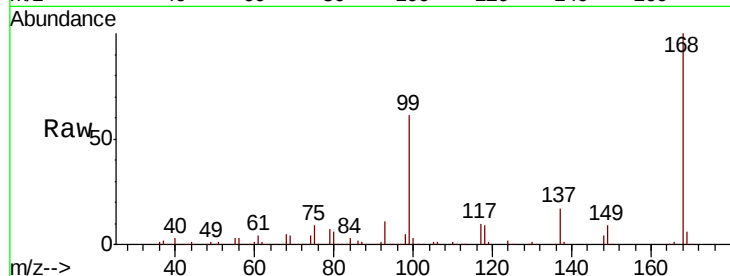
DISPENSER-2

Tot Ion:168 Resp: 184157

Ion Ratio Lower Upper

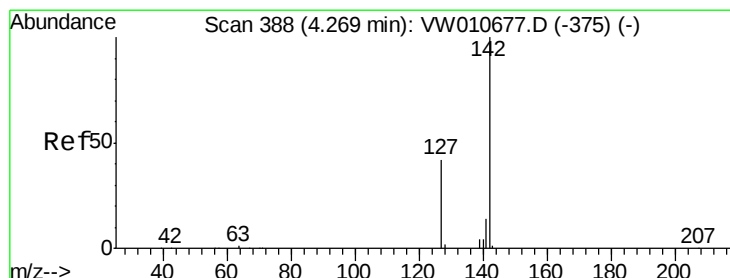
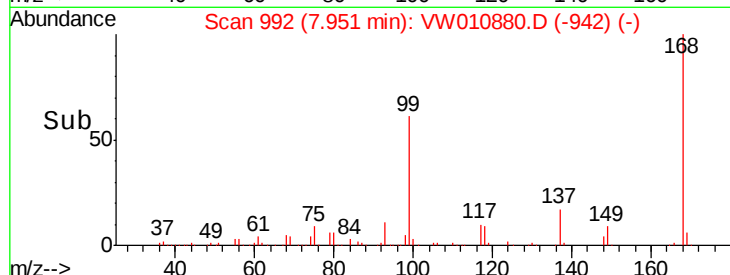
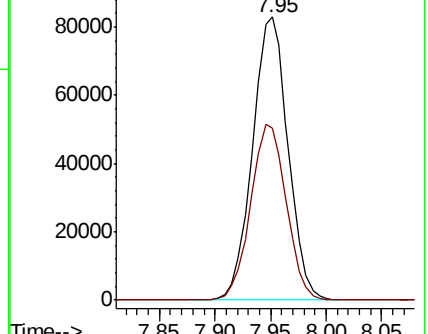
168 100

99 60.6 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#10

Methyl Iodide

Concen: 4.807 ug/l

RT: 4.28 min Scan# 390

Delta R.T. 0.01 min

Lab File: VW010880.D

Acq: 20 Jun 2019 07:08

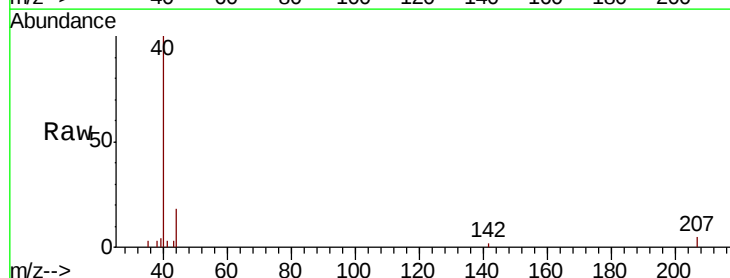
Tgt Ion:142 Resp: 19

Ion Ratio Lower Upper

142 100

127 0.0 34.6 51.8#

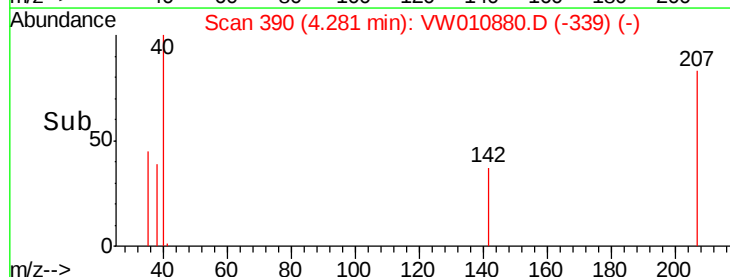
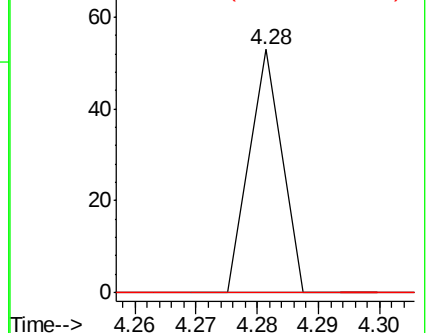
141 0.0 11.6 17.4#

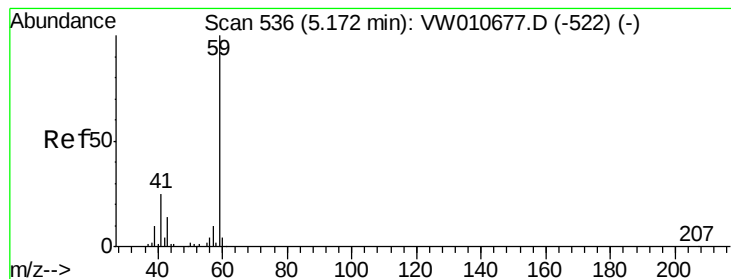


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



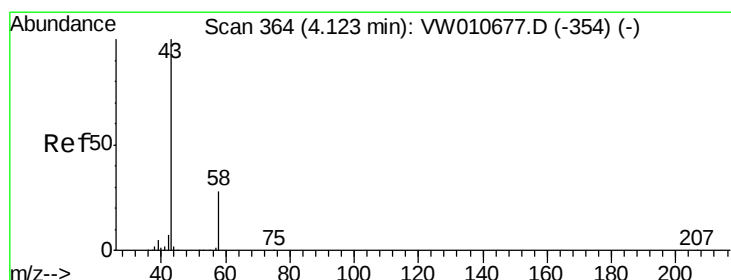
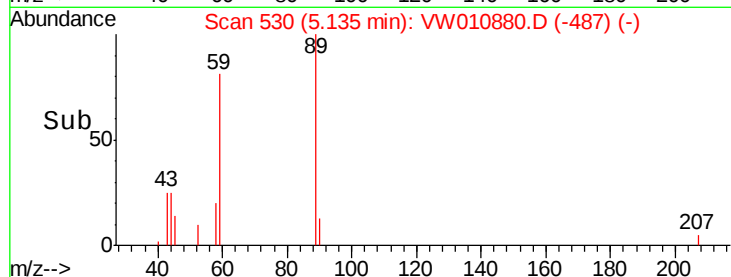
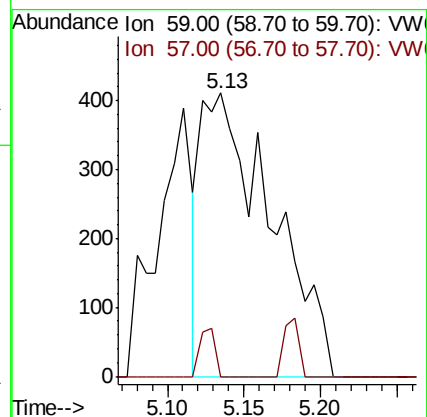
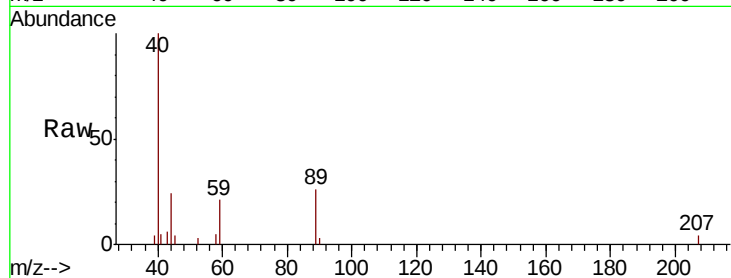


#11

Tert butyl alcohol
 Concen: 7.459 ug/l
 RT: 5.13 min Scan# 530
 Delta R.T. -0.04 min
 Lab File: VW010880.D
 Acq: 20 Jun 2019 07:08

Instrument :
 MSVOA_W
 ClientSampleId :
 DISPENSER-2

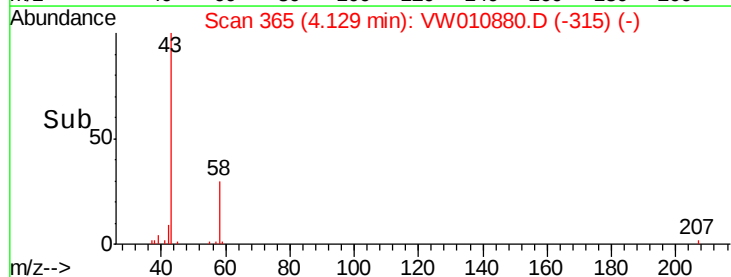
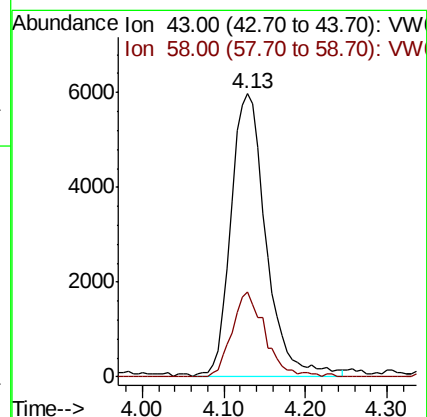
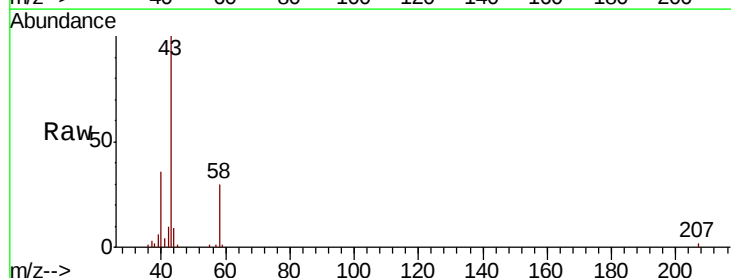
Tot Ion: 59 Resp: 1319
 Ion Ratio Lower Upper
 59 100
 57 3.7 8.6 12.8#

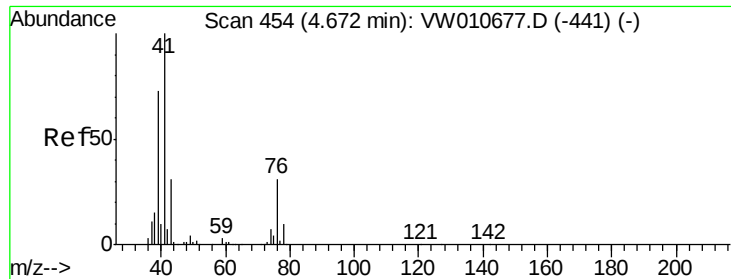


#16

Acetone
 Concen: 30.684 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VW010880.D
 Acq: 20 Jun 2019 07:08

Tgt Ion: 43 Resp: 17846
 Ion Ratio Lower Upper
 43 100
 58 30.1 22.1 33.1

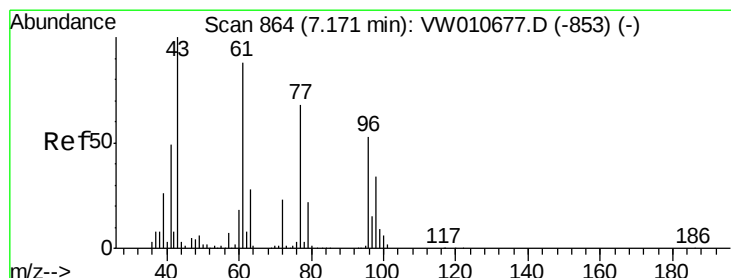
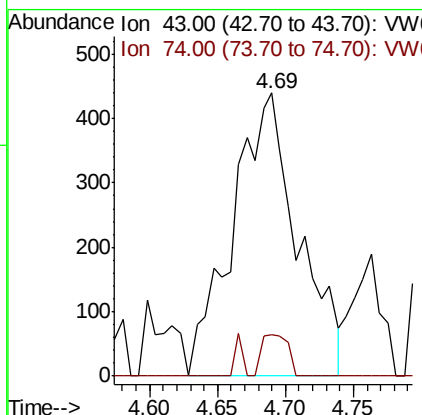
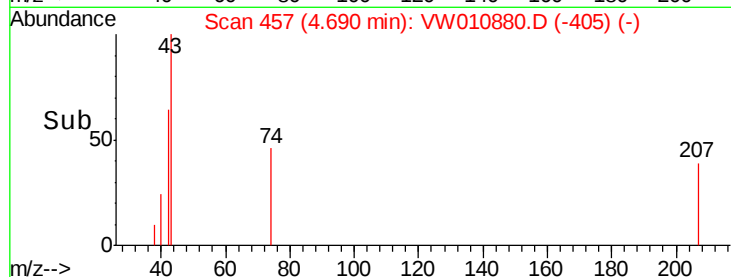
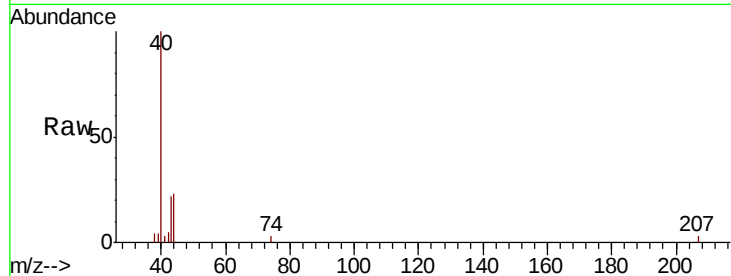




#18
Methyl Acetate
Concen: 1.181 ug/l
RT: 4.69 min Scan# 457
Delta R.T. 0.02 min
Lab File: VW010880.D
Acq: 20 Jun 2019 07:08

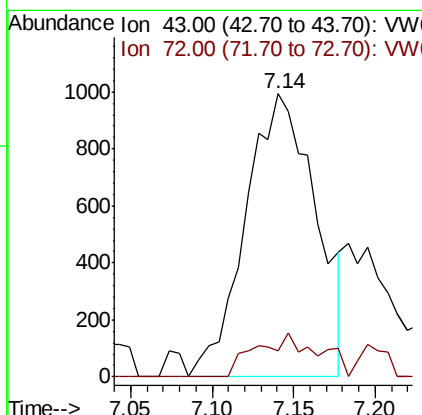
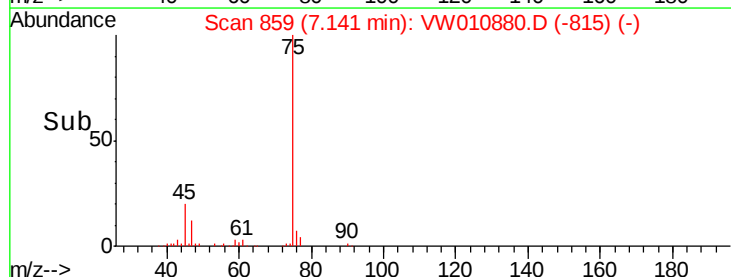
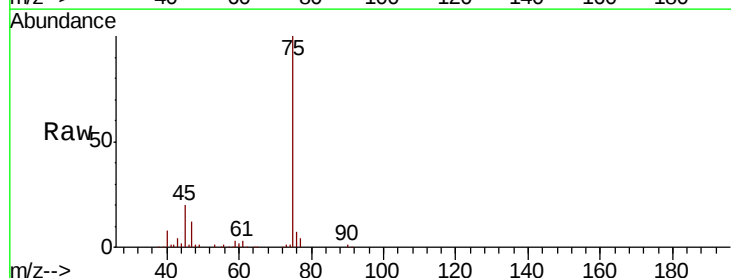
Instrument :
MSVOA_W
ClientSampleId :
DISPENSER-2

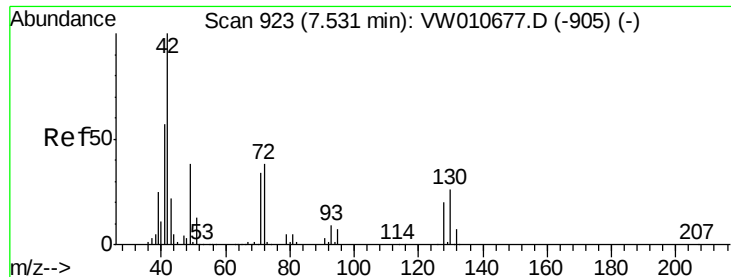
Tot Ion: 43 Resp: 1478
Ion Ratio Lower Upper
43 100
74 6.0 16.7 25.1#



#25
2-Butanone
Concen: 3.694 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: VW010880.D
Acq: 20 Jun 2019 07:08

Tgt Ion: 43 Resp: 2979
Ion Ratio Lower Upper
43 100
72 9.1 18.1 27.1#

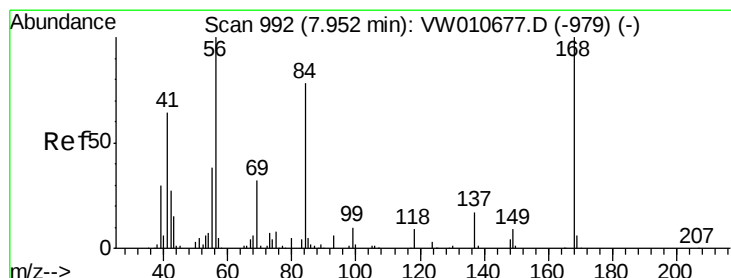
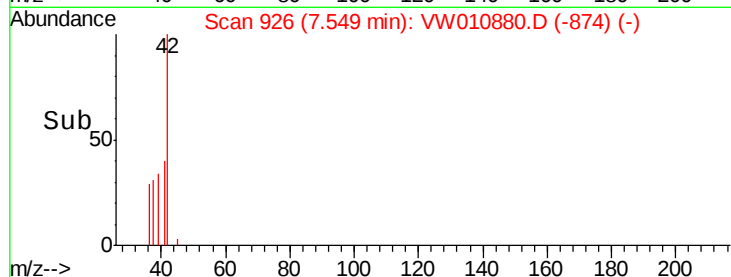
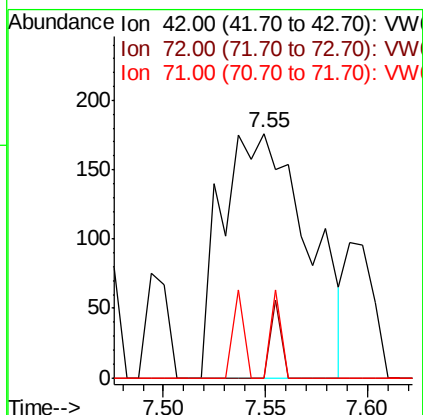
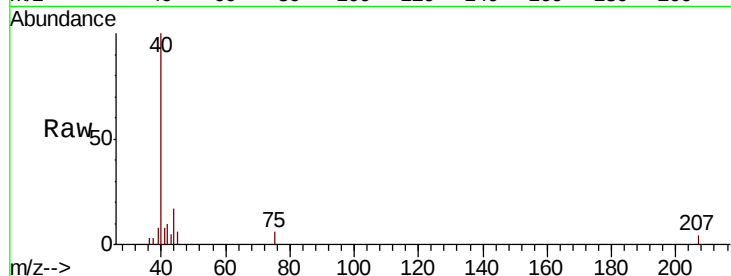




#29
Tetrahydrofuran
Concen: 1.017 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.02 min
Lab File: VW010880.D
Acq: 20 Jun 2019 07:08

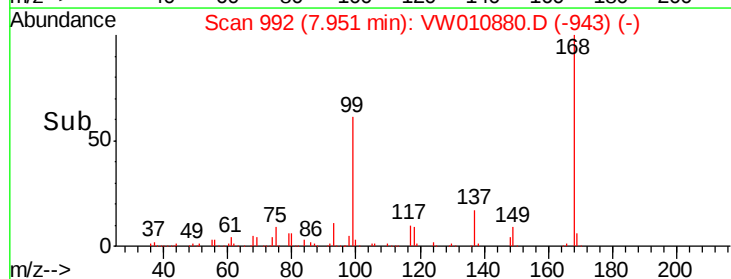
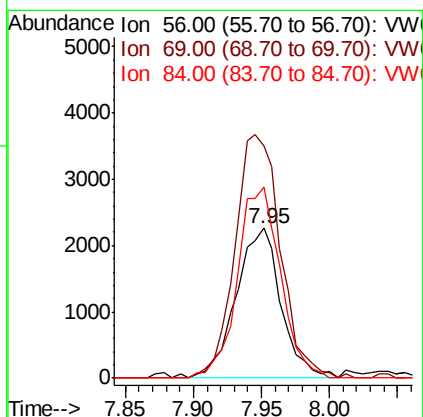
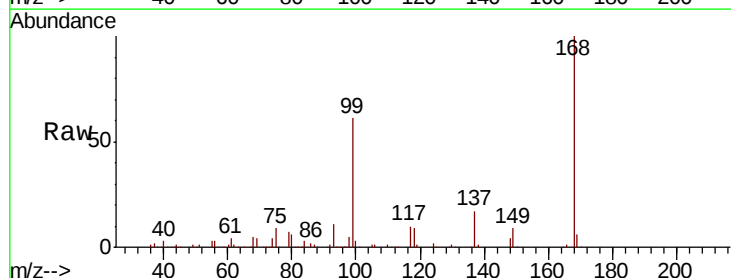
Instrument :
MSVOA_W
ClientSampleId :
DISPENSER-2

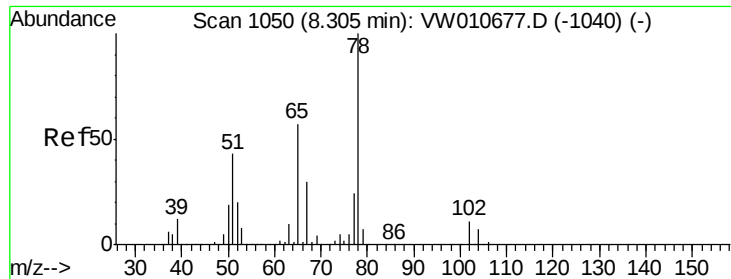
Tot Ion: 42 Resp: 516
Ion Ratio Lower Upper
42 100
72 3.9 28.7 43.1#
71 4.5 26.6 39.8#



#31
Cyclohexane
Concen: 1.191 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW010880.D
Acq: 20 Jun 2019 07:08

Tgt Ion: 56 Resp: 5216
Ion Ratio Lower Upper
56 100
69 154.5 25.2 37.8#
84 127.8 62.2 93.2#

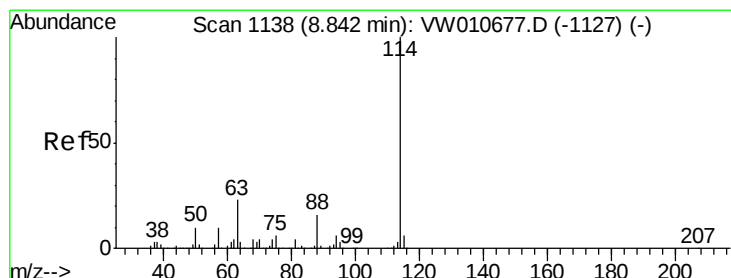
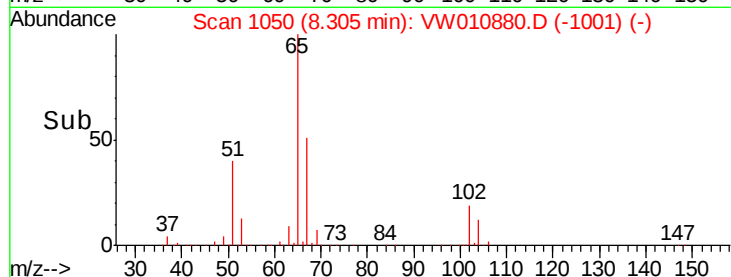
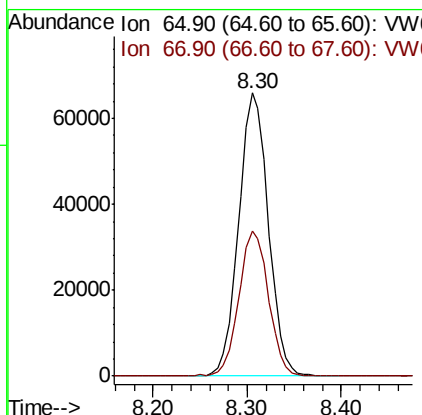
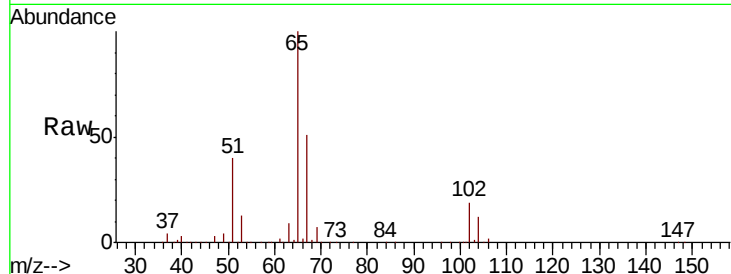




#33
 1,2-Dichloroethane-d4
 Concen: 66.366 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010880.D
 Acq: 20 Jun 2019 07:08

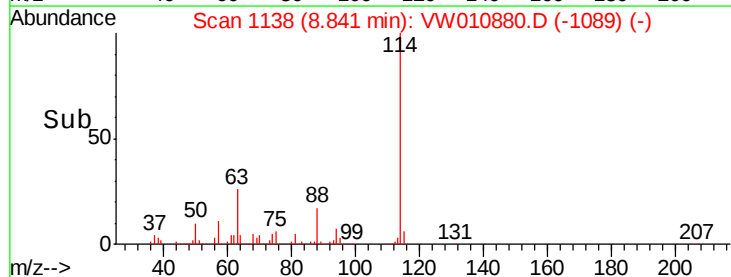
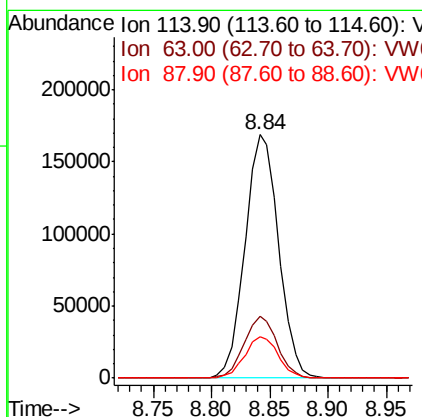
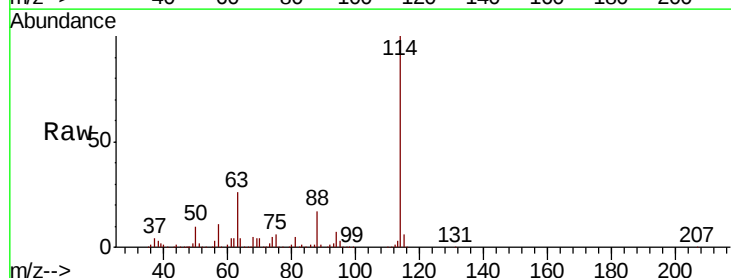
Instrument :
 MSVOA_W
 ClientSampleId :
 DISPENSER-2

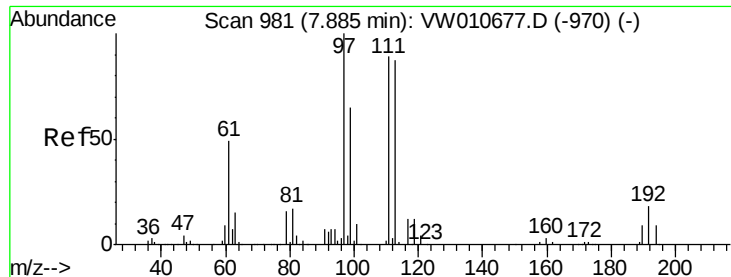
Tot Ion: 65 Resp: 144054
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010880.D
 Acq: 20 Jun 2019 07:08

Tgt Ion: 114 Resp: 339242
 Ion Ratio Lower Upper
 114 100
 63 25.5 0.0 46.4
 88 17.1 0.0 32.2

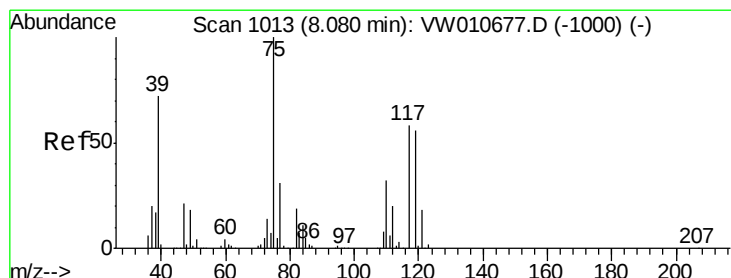
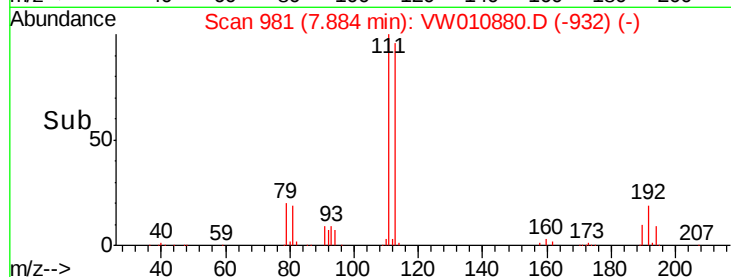
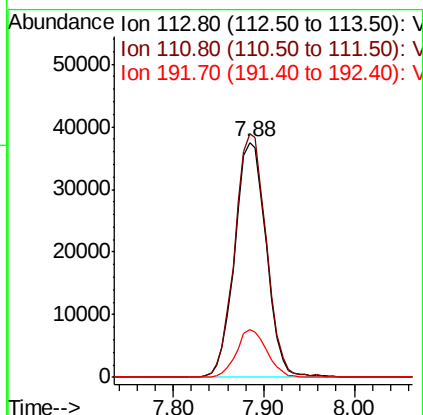
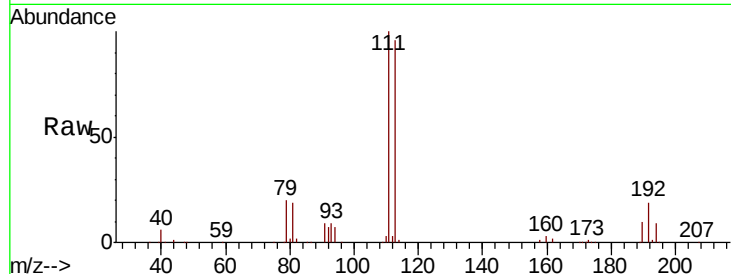




#35
 Dibromofluoromethane
 Concen: 49.049 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010880.D
 Acq: 20 Jun 2019 07:08

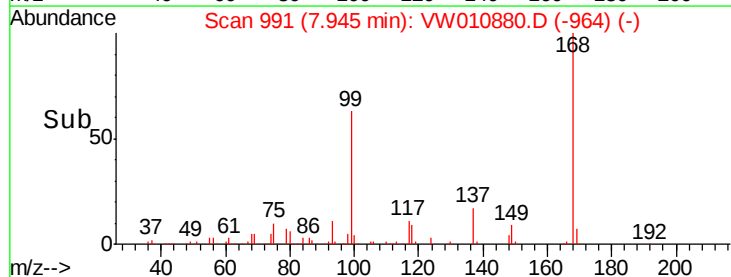
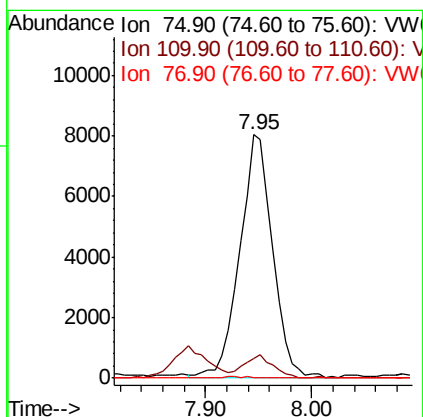
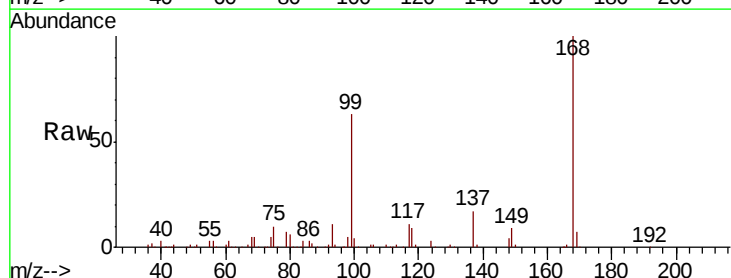
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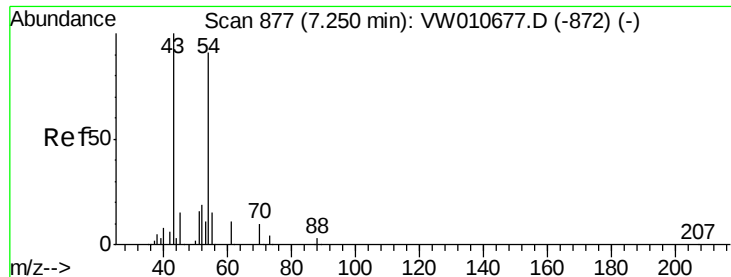
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.6	123.8
192	19.6	16.4	24.6



#36
 1,1-Dichloropropene
 Concen: 5.018 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010880.D
 Acq: 20 Jun 2019 07:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	15.8	47.3#
77	0.0	24.7	37.1#

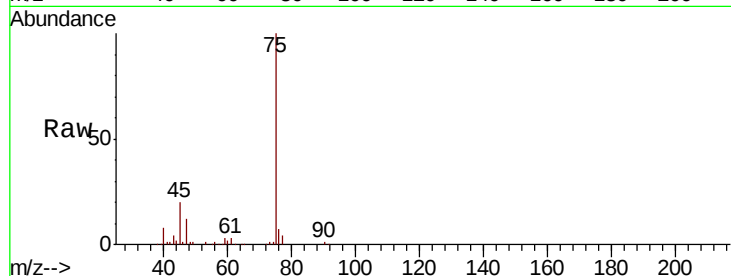




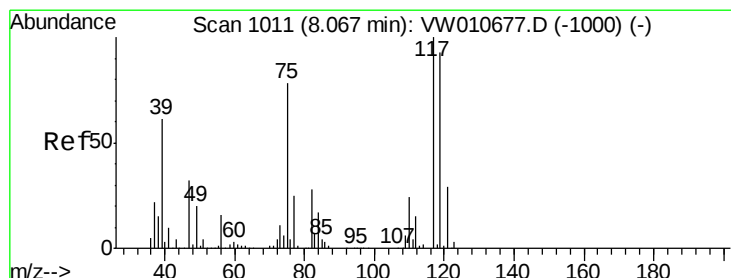
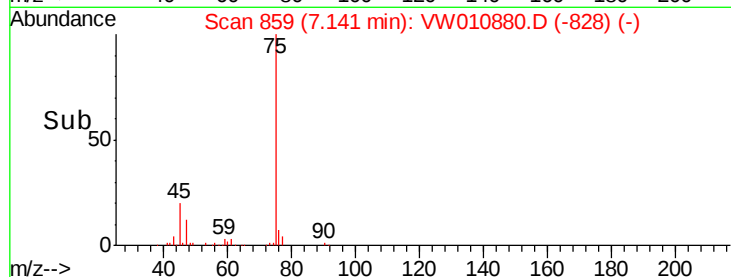
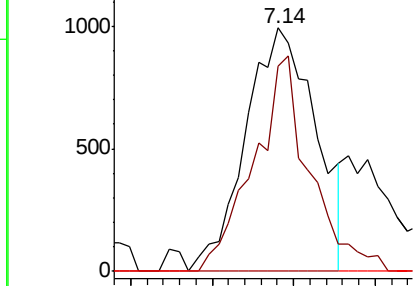
#37
Ethyl Acetate
Concen: 1.548 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.11 min
Lab File: VW010880.D
Acq: 20 Jun 2019 07:08

Instrument :
MSVOA_W
ClientSampled :
DISPENSER-2

Tot Ion: 43 Resp: 2979
Ion Ratio Lower Upper
43 100
61 69.9 9.7 14.5#
70 0.0 7.2 10.8#

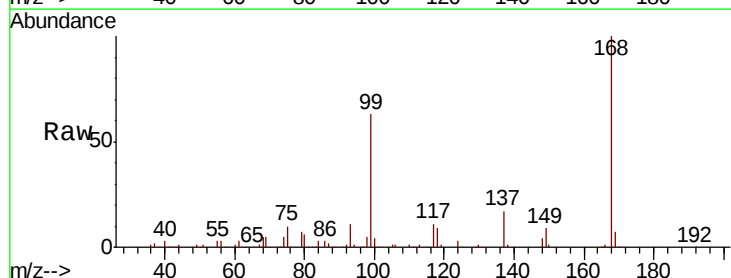


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

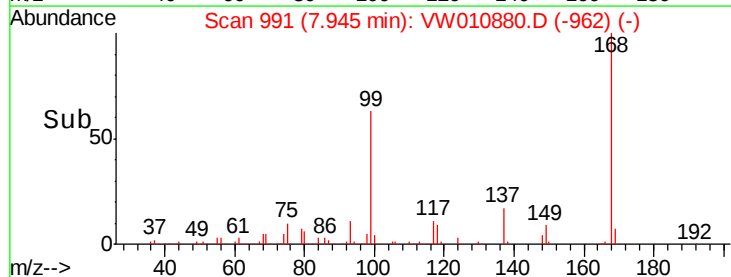
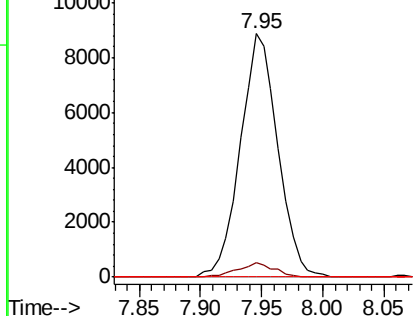


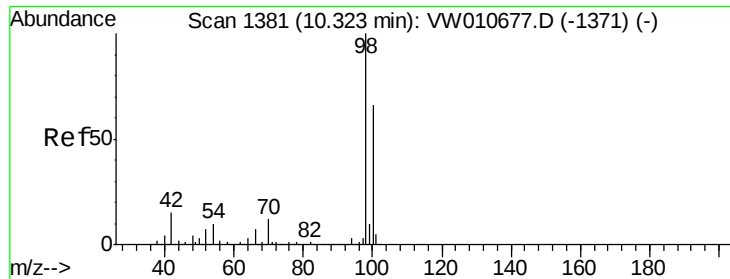
#38
Carbon Tetrachloride
Concen: 6.289 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW010880.D
Acq: 20 Jun 2019 07:08

Tgt Ion: 117 Resp: 18851
Ion Ratio Lower Upper
117 100
119 5.7 74.2 111.4#
121 0.0 22.9 34.3#



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: 46.538 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010880.D

Acq: 20 Jun 2019 07:08

Instrument :

MSVOA_W

ClientSampleId :

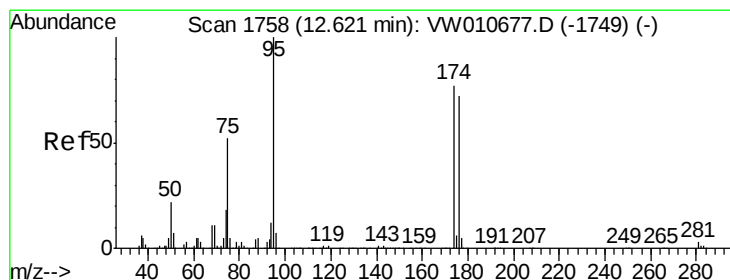
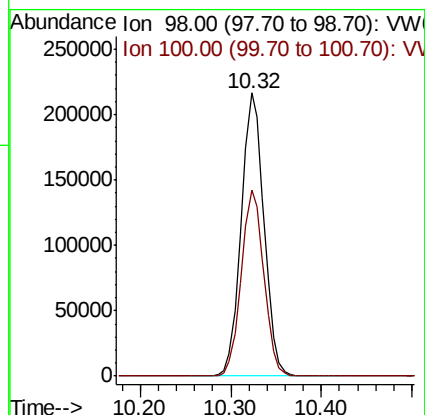
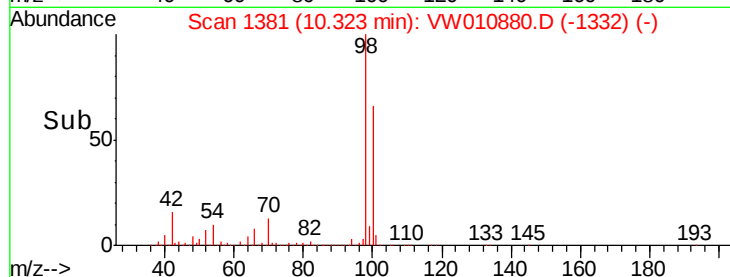
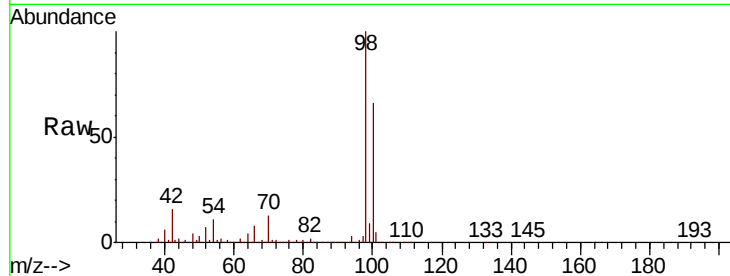
DISPENSER-2

Tot Ion: 98 Resp: 375771

Ion Ratio Lower Upper

98 100

100 65.3 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 47.269 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010880.D

Acq: 20 Jun 2019 07:08

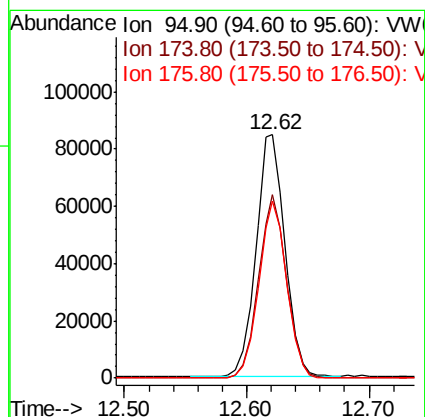
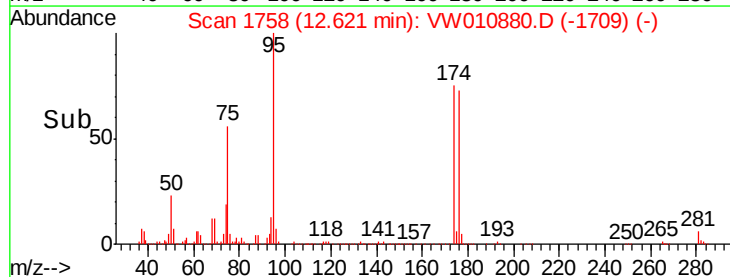
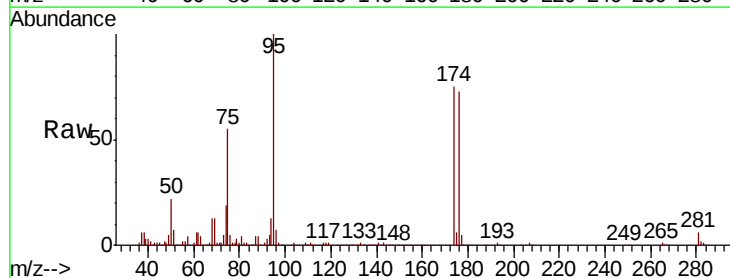
Tgt Ion: 95 Resp: 138884

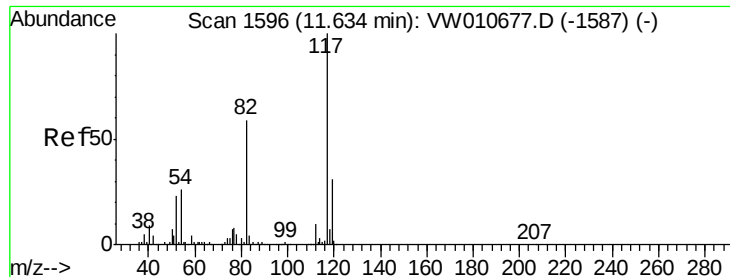
Ion Ratio Lower Upper

95 100

174 73.2 0.0 150.4

176 70.4 0.0 144.8

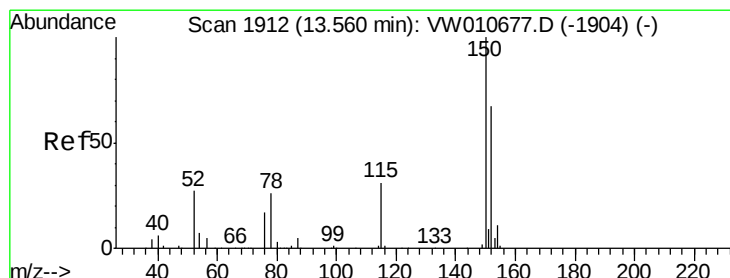
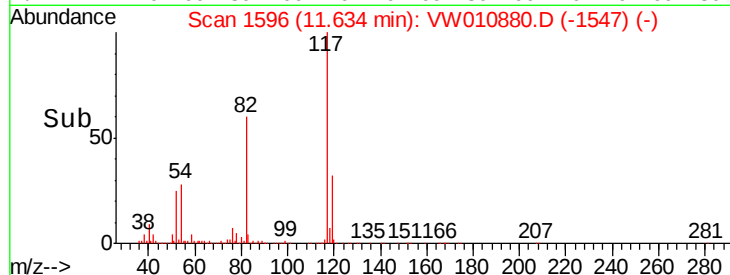
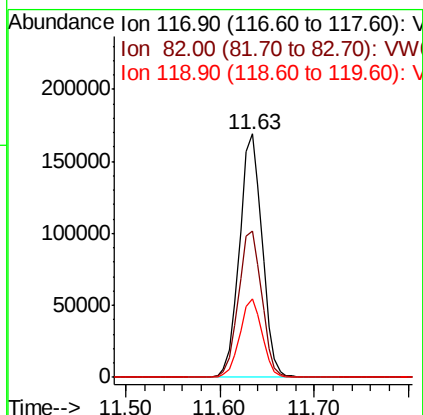
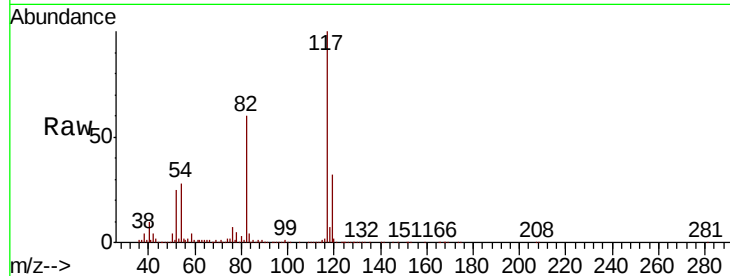




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010880.D
Acq: 20 Jun 2019 07:08

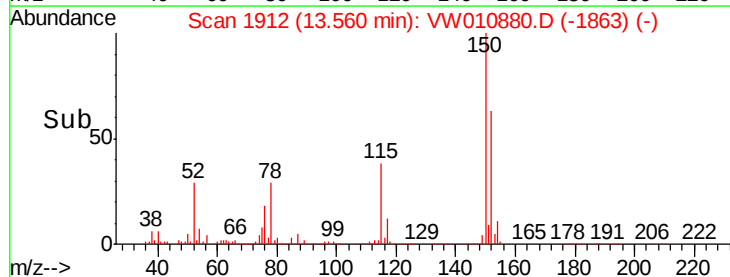
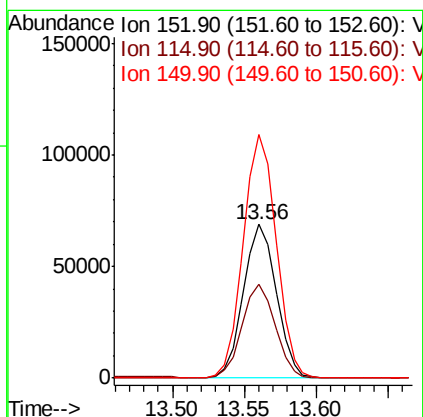
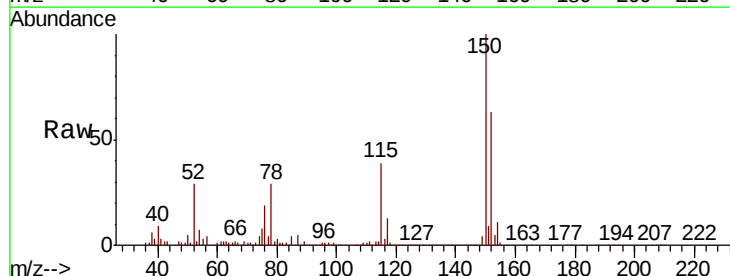
Instrument :
MSVOA_W
ClientSampleId :
DISPENSER-2

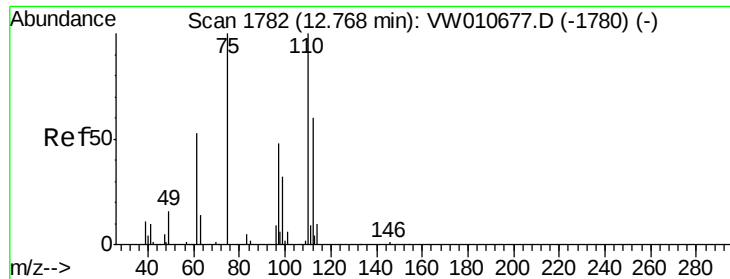
Tot Ion:117 Resp: 282040
Ion Ratio Lower Upper
117 100
82 60.3 47.0 70.4
119 32.3 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010880.D
Acq: 20 Jun 2019 07:08

Tgt Ion:152 Resp: 108737
Ion Ratio Lower Upper
152 100
115 61.0 29.8 89.3
150 159.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 66.528 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010880.D

Acq: 20 Jun 2019 07:08

Instrument :

MSVOA_W

ClientSampleId :

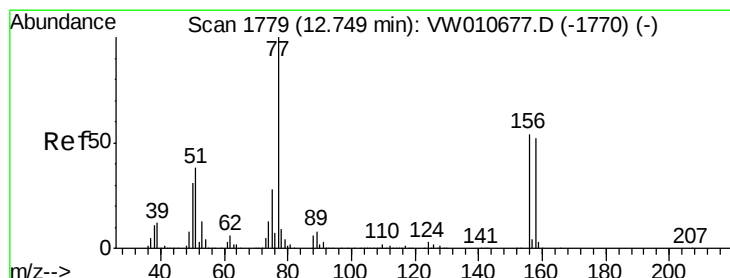
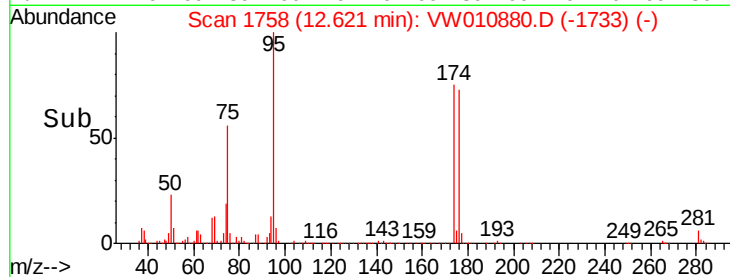
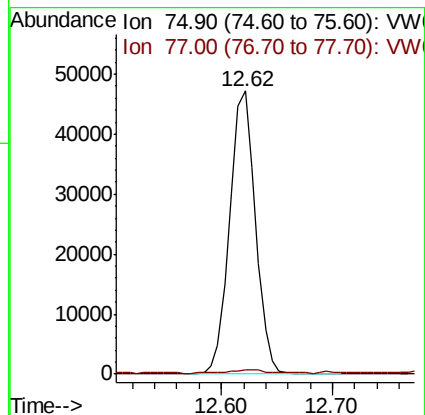
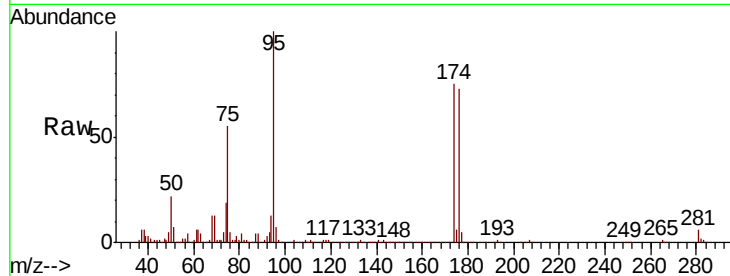
DISPENSER-2

Tot Ion: 75 Resp: 75968

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#77

Bromobenzene

Concen: 1.614 ug/l

RT: 12.88 min Scan# 1801

Delta R.T. 0.13 min

Lab File: VW010880.D

Acq: 20 Jun 2019 07:08

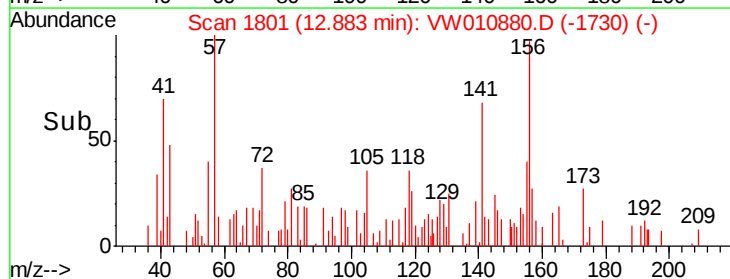
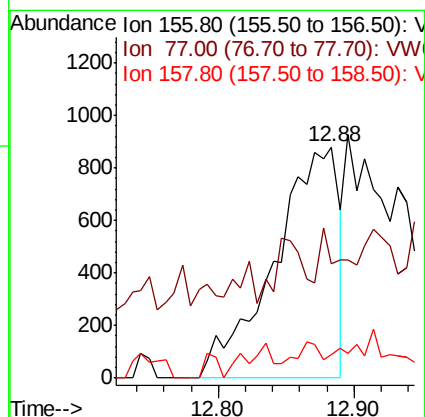
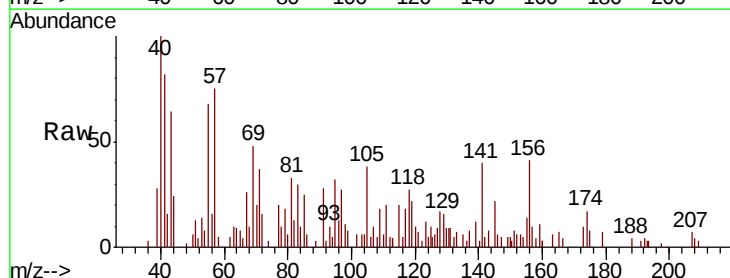
Tgt Ion: 156 Resp: 2879

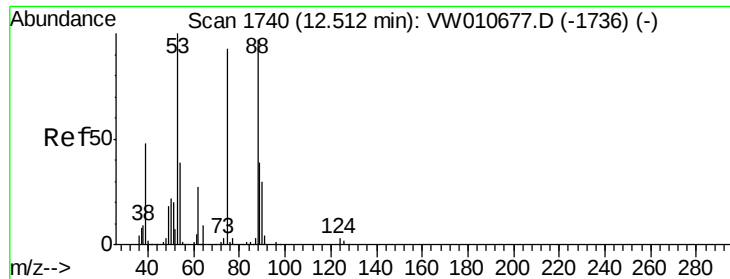
Ion Ratio Lower Upper

156 100

77 5.1 106.5 319.4#

158 6.2 48.3 144.9#

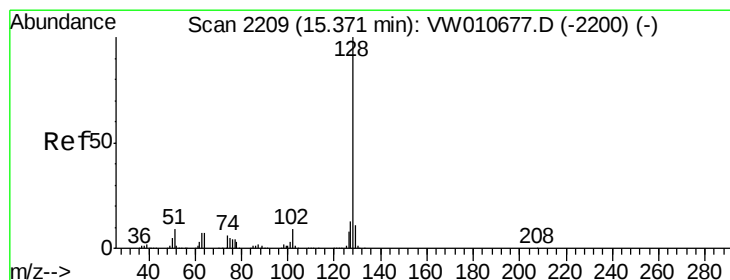
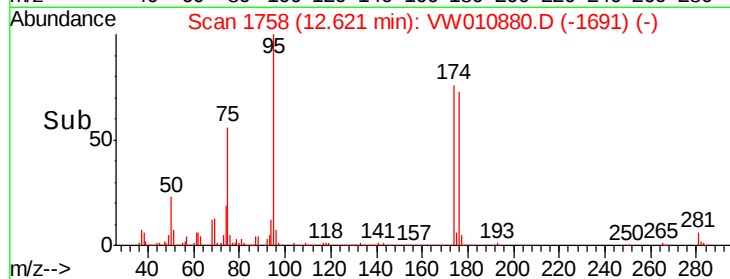
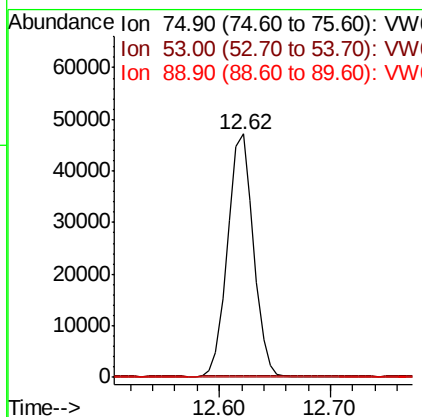
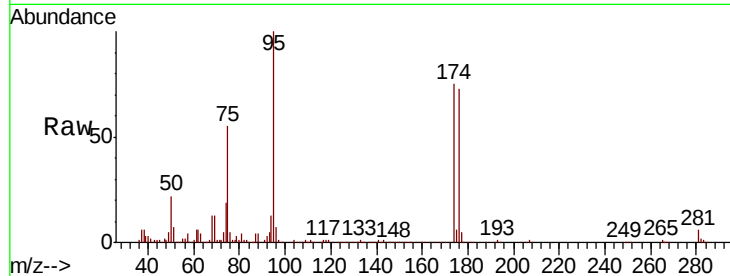




#81
trans-1,4-Dichloro-2-butene
Concen: 152.904 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.11 min
Lab File: VW010880.D
Acq: 20 Jun 2019 07:08

Instrument :
MSVOA_W
ClientSampleId :
DISPENSER-2

Tot Ion: 75 Resp: 75968
Ion Ratio Lower Upper
75 100
53 0.6 90.1 135.1#
89 0.0 34.6 52.0#



#95
Naphthalene
Concen: 1.134 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010880.D
Acq: 20 Jun 2019 07:08

Tgt Ion: 128 Resp: 4473
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 12.0 8.6 13.0

