

Data File : VW012739.D
Acq On : 07 Sep 2019 23:46
Operator : SY/VA
Sample : K4554-44
Misc : 5.04G/5ML/MSVOA_W/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-4-(7-9)

Quant Time: Sep 08 05:16:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	229029	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	349386	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	282035	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	115109	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	134002	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
35) Dibromofluoromethane	7.88	113	102469	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
50) Toluene-d8	10.32	98	413609	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
62) 4-Bromofluorobenzene	12.62	95	127478	43.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.30%	

Target Compounds

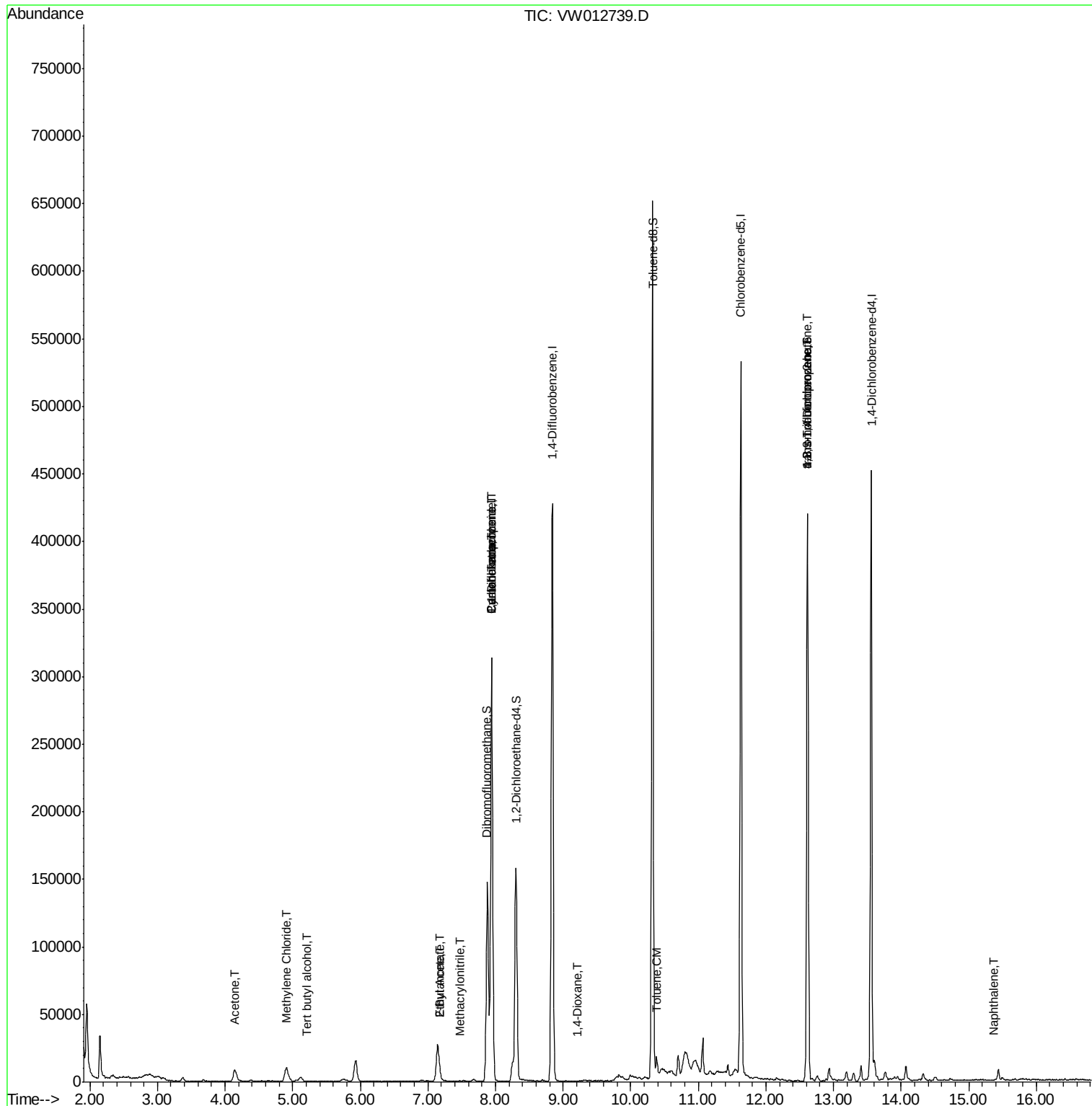
						Qvalue
11) Tert butyl alcohol	5.20	59	214	1.093	ug/l #	72
16) Acetone	4.14	43	19094	27.370	ug/l	94
20) Methylene Chloride	4.91	84	7534	3.452	ug/l	90
25) 2-Butanone	7.18	43	2767	22.162	ug/l	93
31) Cyclohexane	7.94	56	5466	1.453	ug/l #	8
36) 1,1-Dichloropropene	7.94	75	18247	5.878	ug/l #	52
37) Ethyl Acetate	7.18	43	2794	1.412	ug/l #	72
38) Carbon Tetrachloride	7.94	117	22829	7.460	ug/l #	16
41) Methacrylonitrile	7.46	41	39	3.866	ug/l #	23
49) 1,4-Dioxane	9.21	88	26	1.164	ug/l #	15
52) Toluene	10.38	92	5477	1.019	ug/l	92
76) 1,2,3-Trichloropropane	12.62	75	68456	58.159	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	68456	123.011	ug/l #	6
95) Naphthalene	15.36	128	20	4.443	ug/l #	69

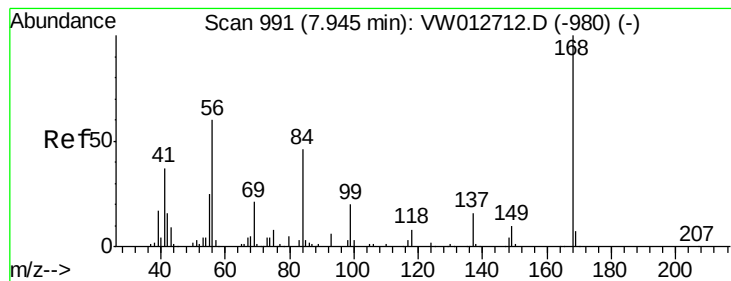
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW012739.D
Acq On : 07 Sep 2019 23:46
Operator : SY/VA
Sample : K4554-44
Misc : 5.04G/5ML/MSVOA_W/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-4-(7-9)

Quant Time: Sep 08 05:16:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012739.D

Acq: 07 Sep 2019 23:46

Instrument :

MSVOA_W

ClientSampleId :

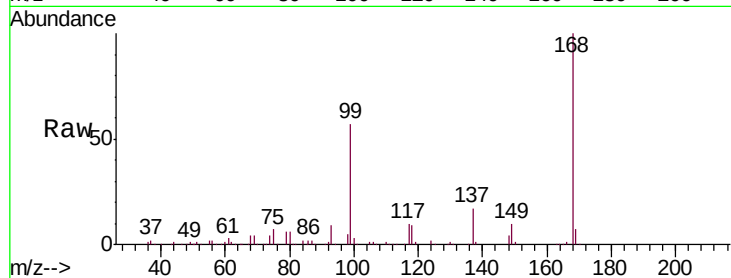
SB-4-(7-9)

Tgt Ion:168 Resp: 229029

Ion Ratio Lower Upper

168 100

99 57.4 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

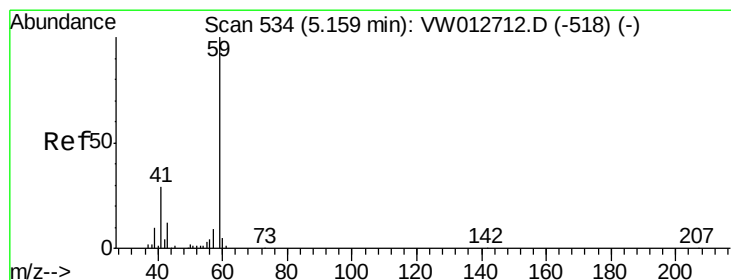
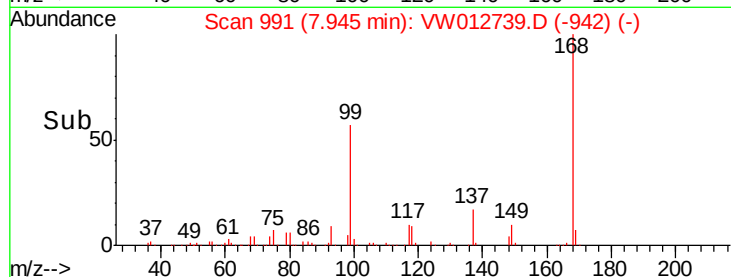
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 1.093 ug/l

RT: 5.20 min Scan# 541

Delta R.T. 0.04 min

Lab File: VW012739.D

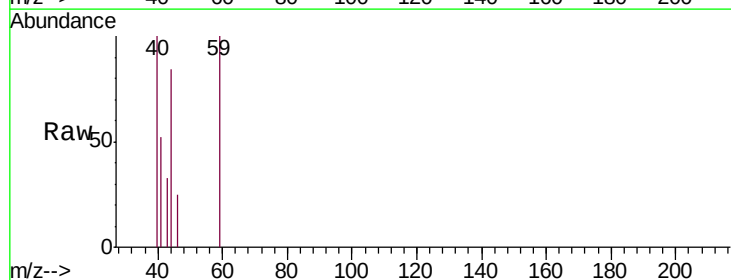
Acq: 07 Sep 2019 23:46

Tgt Ion: 59 Resp: 214

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.20

250

200

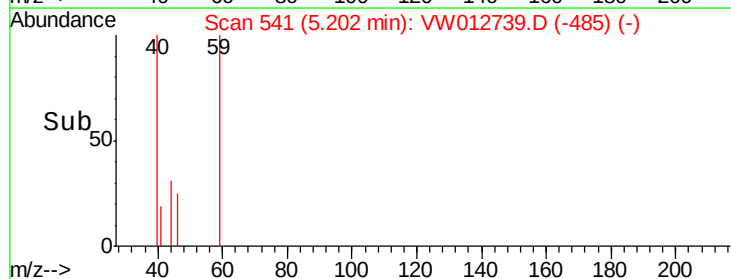
150

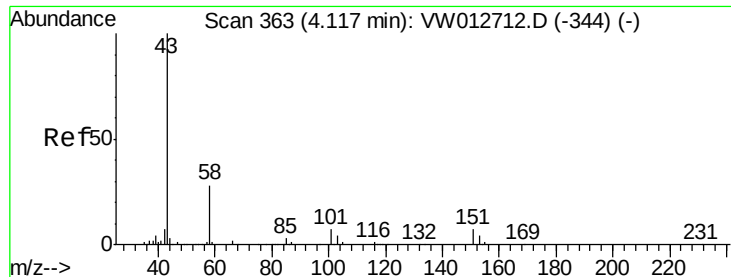
100

50

0

Time--> 5.18 5.19 5.20 5.21 5.22

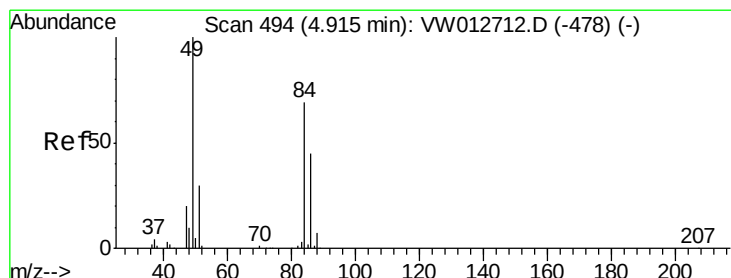
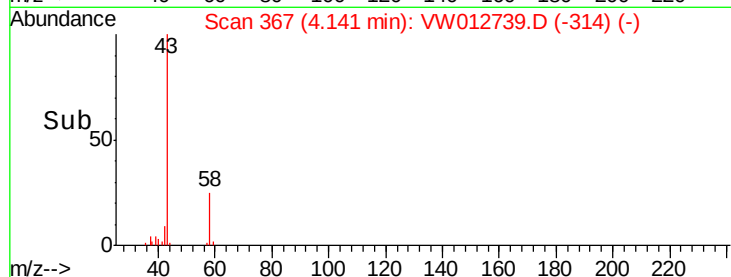
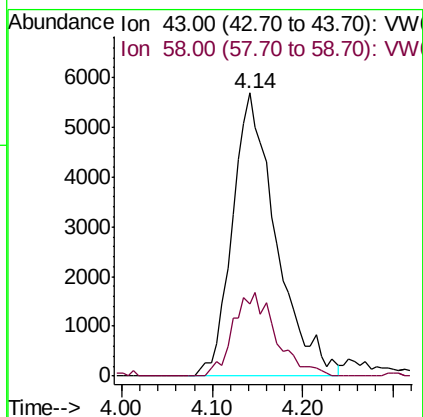
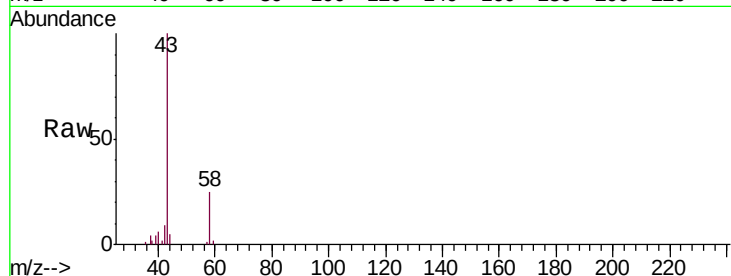




#16
Acetone
Concen: 27.370 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.02 min
Lab File: VW012739.D
Acq: 07 Sep 2019 23:46

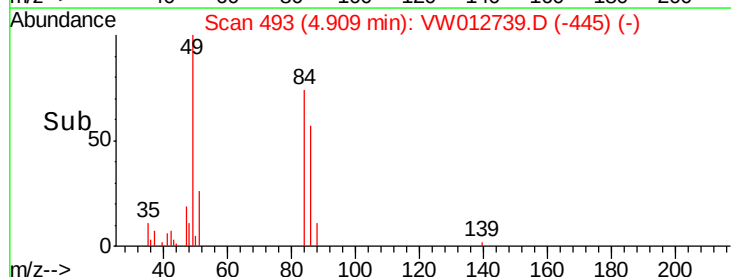
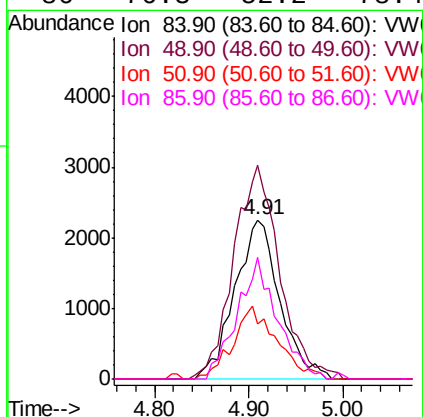
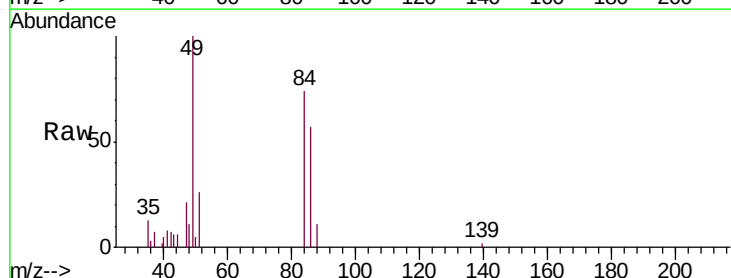
Instrument :
MSVOA_W
ClientSampleId :
SB-4-(7-9)

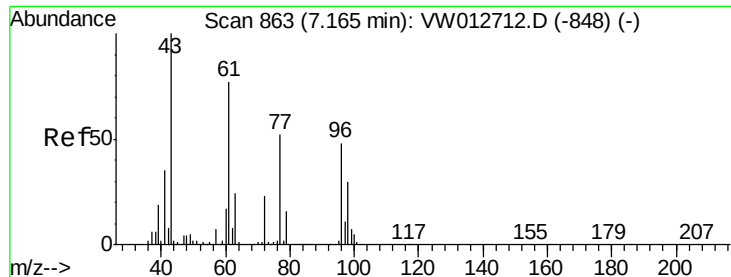
Tgt Ion: 43 Resp: 19094
Ion Ratio Lower Upper
43 100
58 25.3 22.6 33.8



#20
Methylene Chloride
Concen: 3.452 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012739.D
Acq: 07 Sep 2019 23:46

Tgt Ion: 84 Resp: 7534
Ion Ratio Lower Upper
84 100
49 134.4 115.4 173.0
51 35.0 34.9 52.3
86 76.3 52.2 78.4





#25

2-Butanone

Concen: 22.162 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW012739.D

Acq: 07 Sep 2019 23:46

Instrument :

MSVOA_W

ClientSampleId :

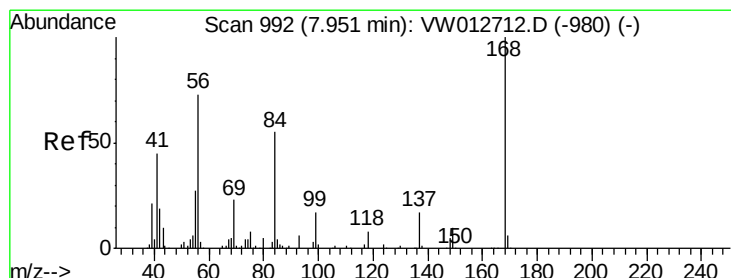
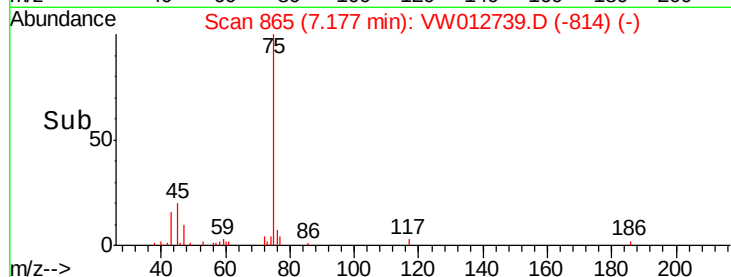
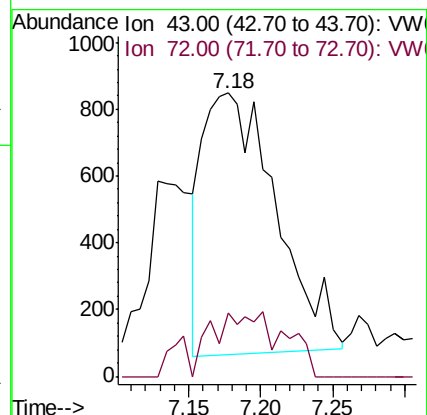
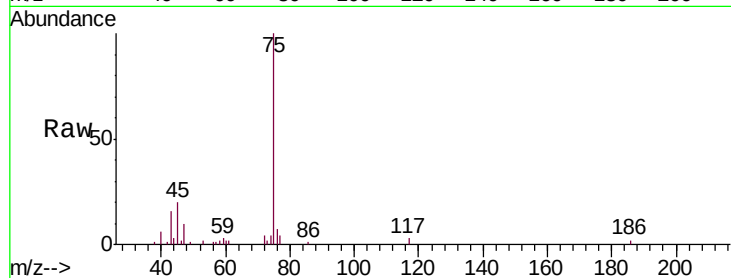
SB-4-(7-9)

Tgt Ion: 43 Resp: 2767

Ion Ratio Lower Upper

43 100

72 25.6 18.0 27.0



#31

Cyclohexane

Concen: 1.453 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW012739.D

Acq: 07 Sep 2019 23:46

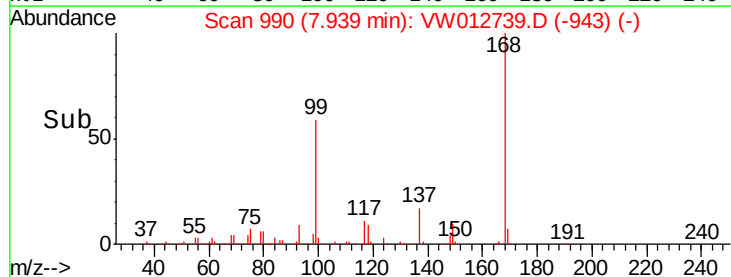
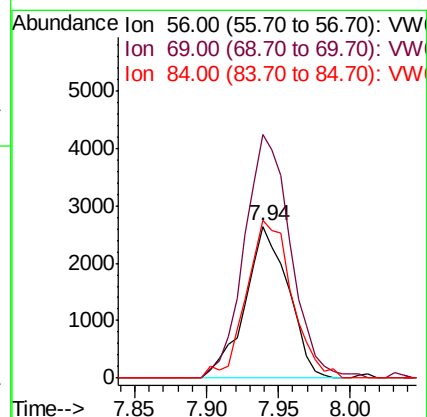
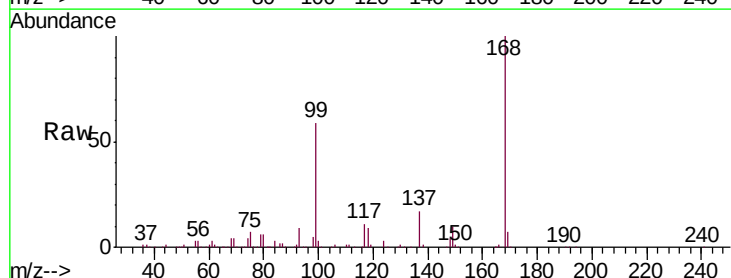
Tgt Ion: 56 Resp: 5466

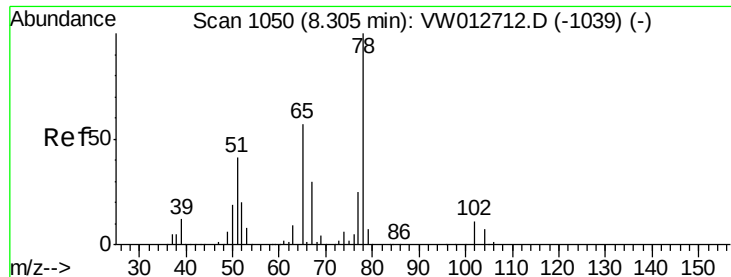
Ion Ratio Lower Upper

56 100

69 160.5 25.7 38.5#

84 104.5 60.4 90.6#

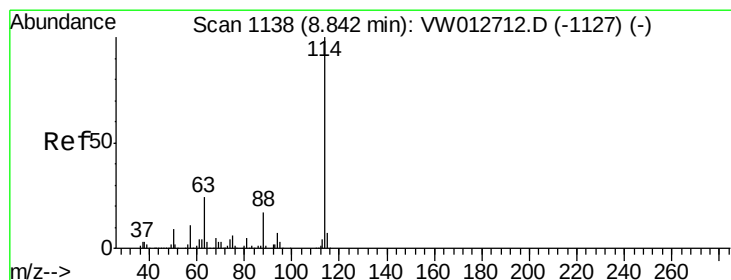
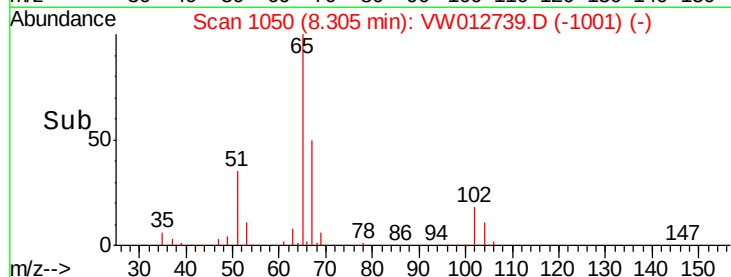
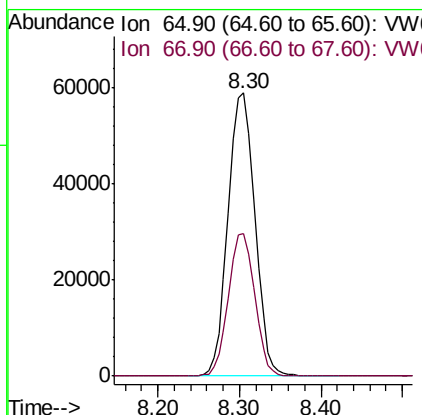
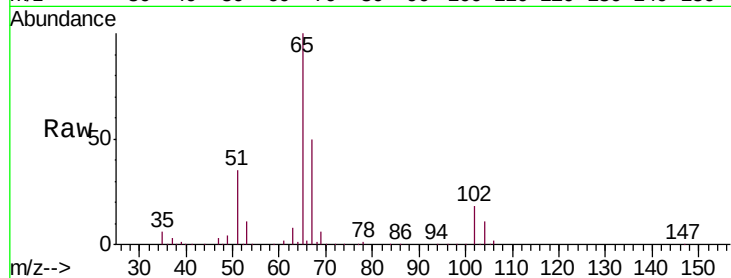




#33
 1,2-Dichloroethane-d4
 Concen: 52.365 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012739.D
 Acq: 07 Sep 2019 23:46

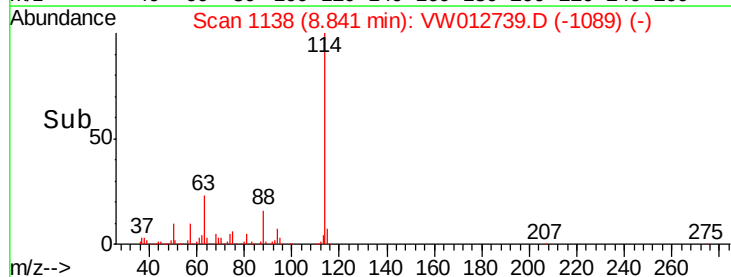
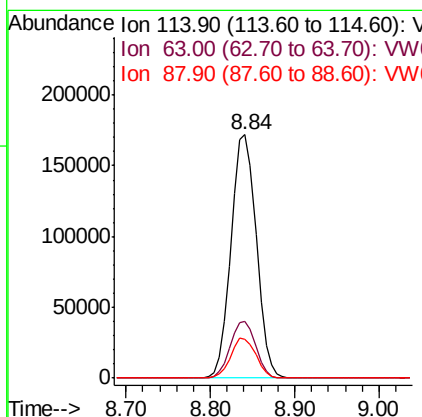
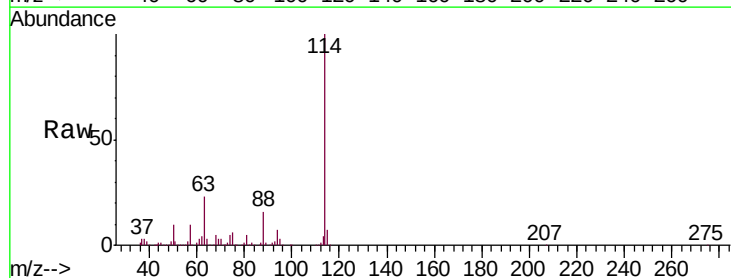
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4-(7-9)

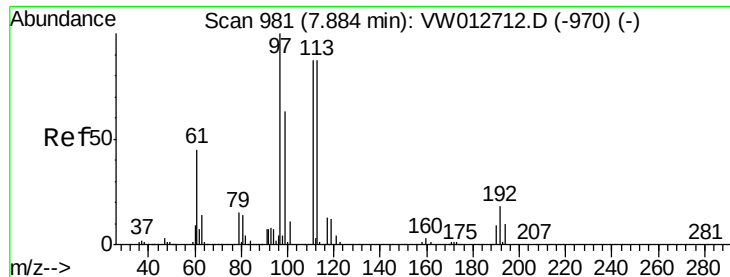
Tgt Ion: 65 Resp: 134002
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012739.D
 Acq: 07 Sep 2019 23:46

Tgt Ion: 114 Resp: 349386
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 47.2
 88 16.1 0.0 34.0

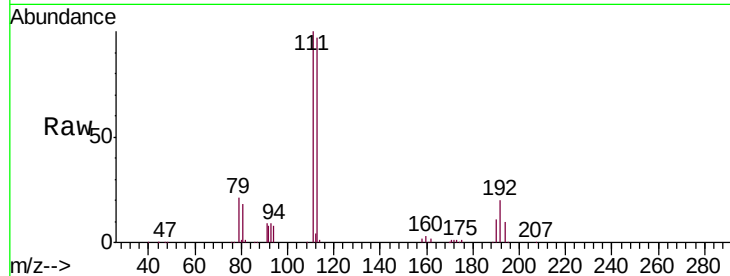




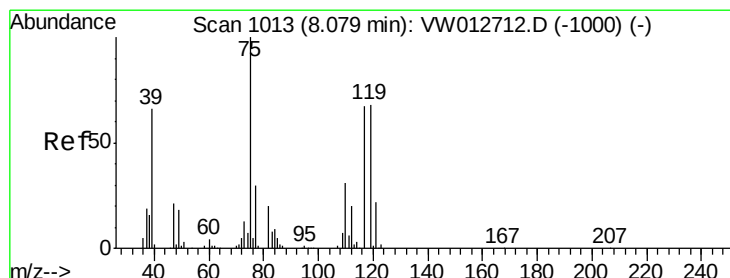
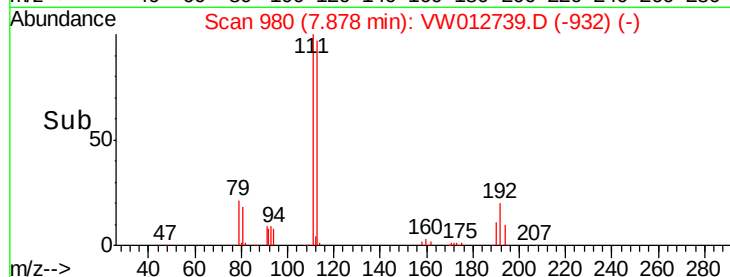
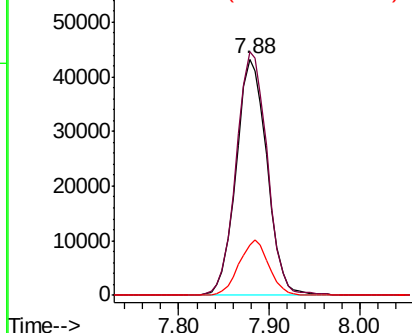
#35
 Dibromofluoromethane
 Concen: 49.330 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012739.D
 Acq: 07 Sep 2019 23:46

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4-(7-9)

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	80.2	120.4
192	22.6	17.3	25.9

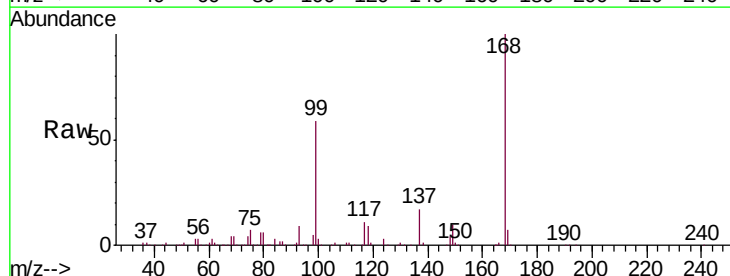


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

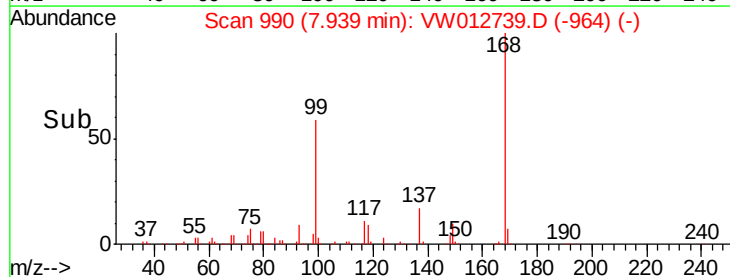
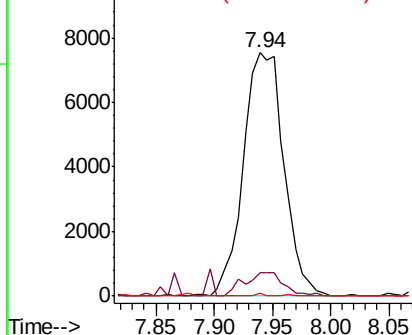


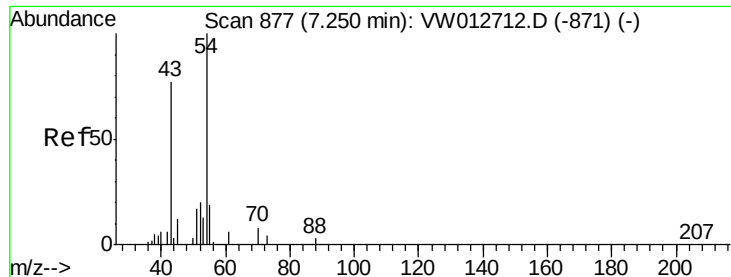
#36
 1,1-Dichloropropene
 Concen: 5.878 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW012739.D
 Acq: 07 Sep 2019 23:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.7	15.9	47.7#
77	0.2	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

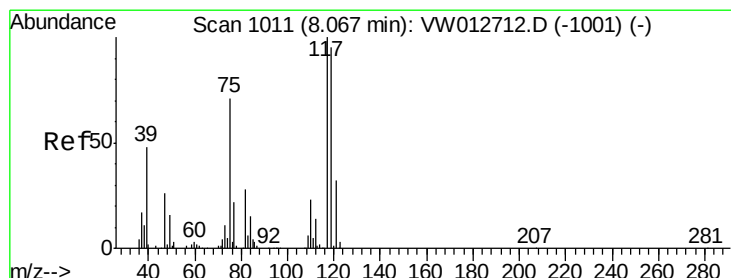
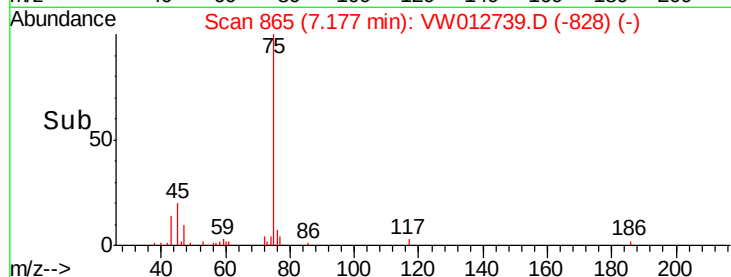
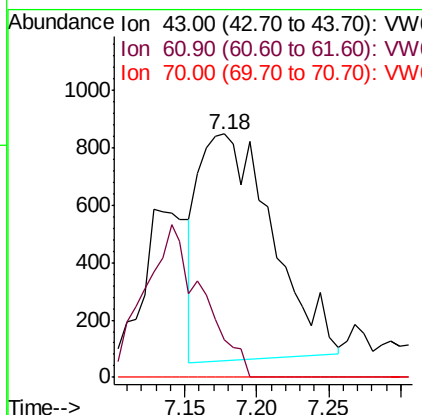
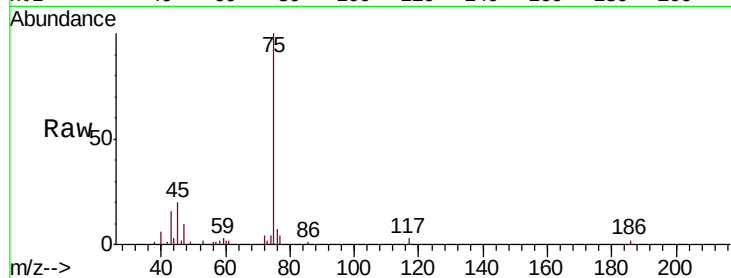




#37
Ethyl Acetate
Concen: 1.412 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.07 min
Lab File: VW012739.D
Acq: 07 Sep 2019 23:46

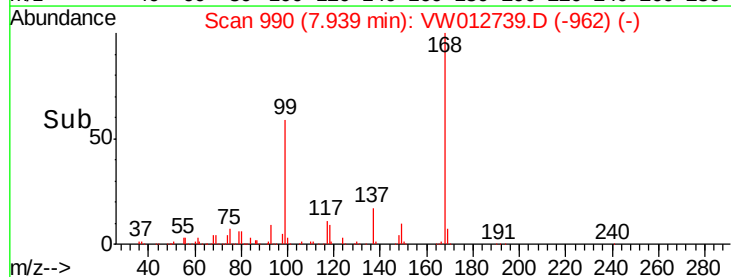
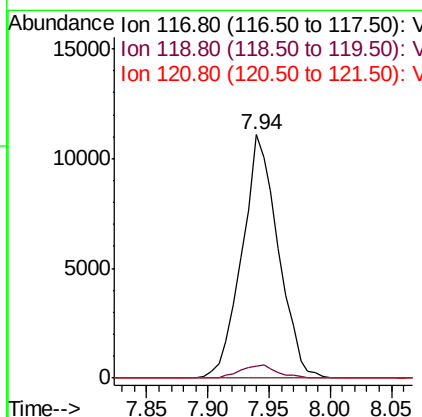
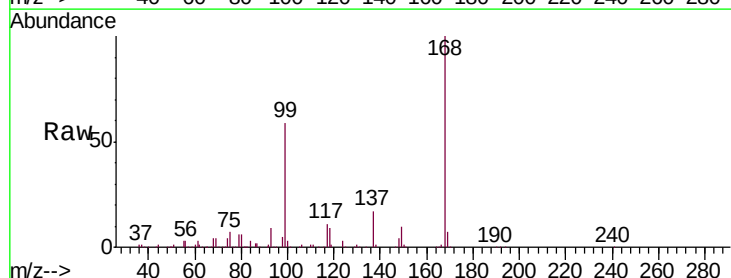
Instrument :
MSVOA_W
ClientSampled :
SB-4-(7-9)

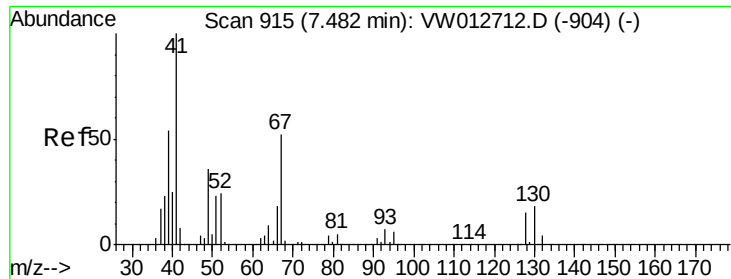
Tgt Ion: 43 Resp: 2794
Ion Ratio Lower Upper
43 100
61 0.0 9.5 14.3#
70 0.0 7.0 10.6#



#38
Carbon Tetrachloride
Concen: 7.460 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW012739.D
Acq: 07 Sep 2019 23:46

Tgt Ion: 117 Resp: 22829
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 25.4 38.2#

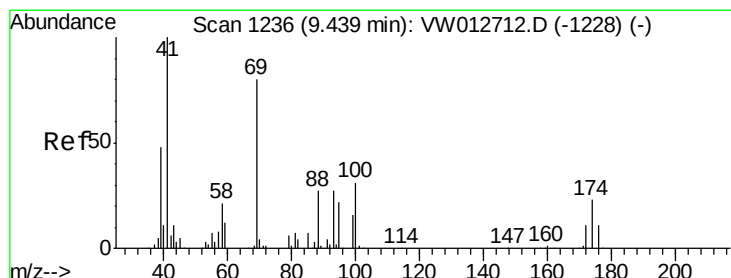
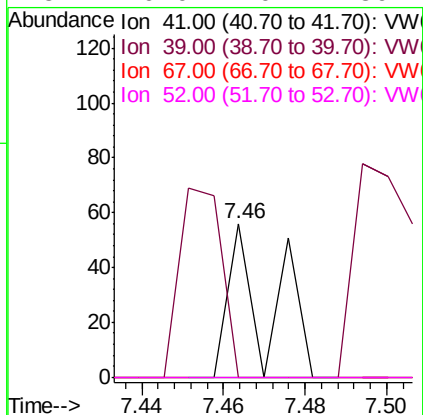
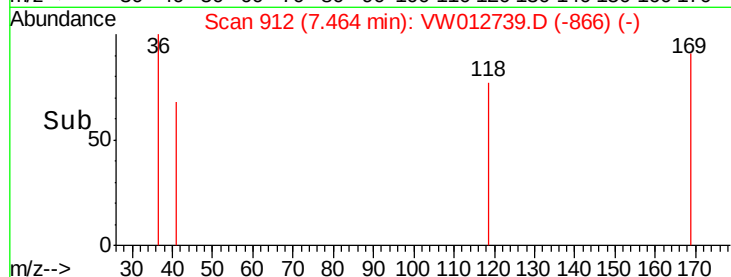
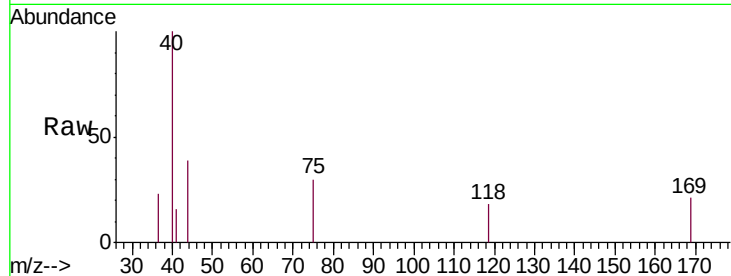




#41
Methacrylonitrile
Concen: 3.866 ug/l
RT: 7.46 min Scan# 912
Delta R.T. -0.02 min
Lab File: VW012739.D
Acq: 07 Sep 2019 23:46

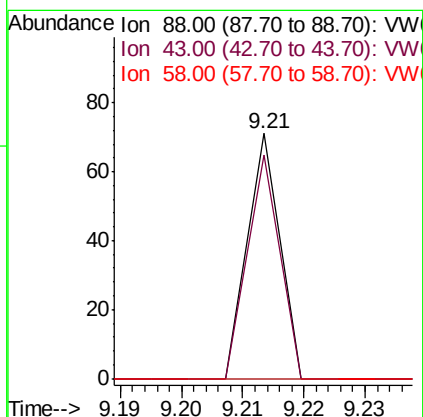
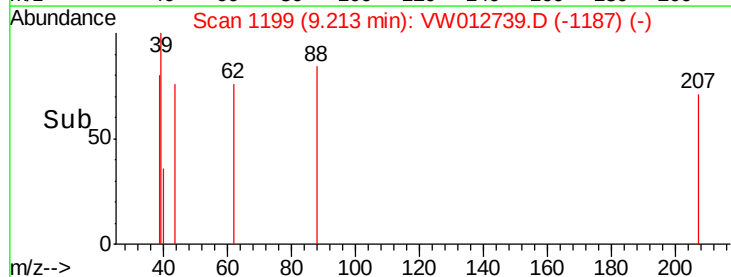
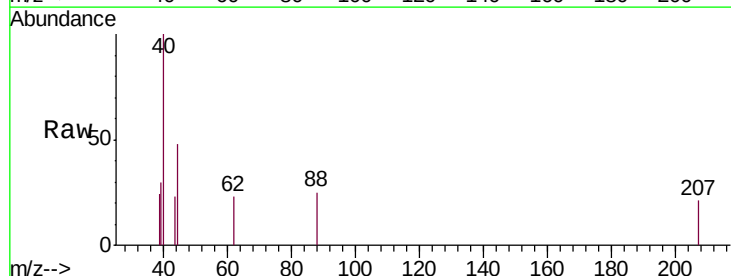
Instrument :
MSVOA_W
ClientSampleId :
SB-4-(7-9)

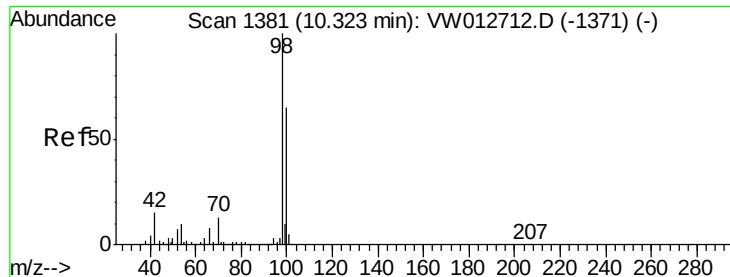
Tgt Ion:	41	Resp:	39
Ion	Ratio	Lower	Upper
41	100		
39	125.6	47.5	71.3#
67	0.0	45.1	67.7#
52	0.0	20.2	30.2#



#49
1,4-Dioxane
Concen: 1.164 ug/l
RT: 9.21 min Scan# 1199
Delta R.T. -0.23 min
Lab File: VW012739.D
Acq: 07 Sep 2019 23:46

Tgt Ion:	88	Resp:	26
Ion	Ratio	Lower	Upper
88	100		
43	92.3	34.8	52.2#
58	0.0	64.1	96.1#

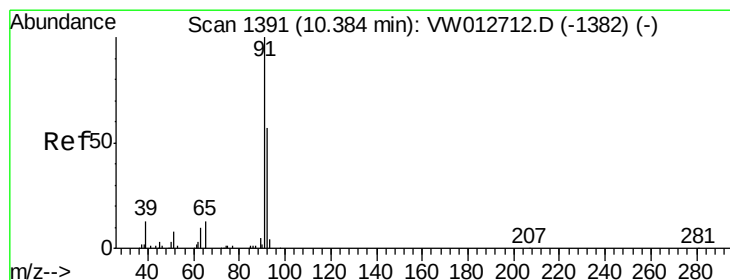
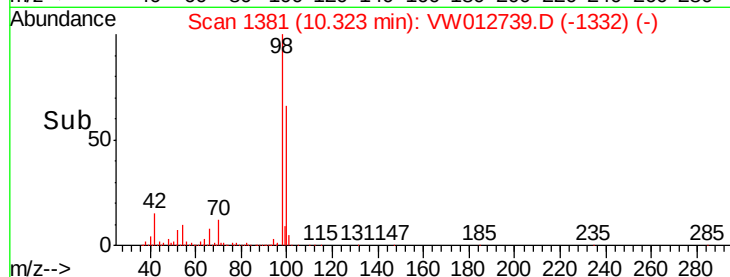
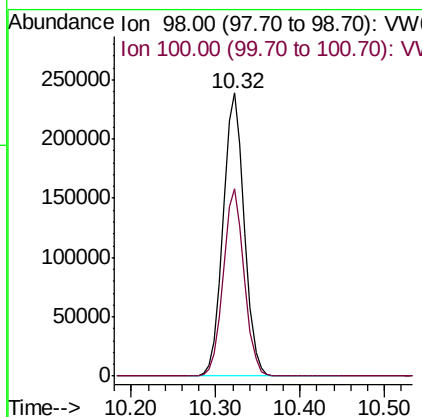
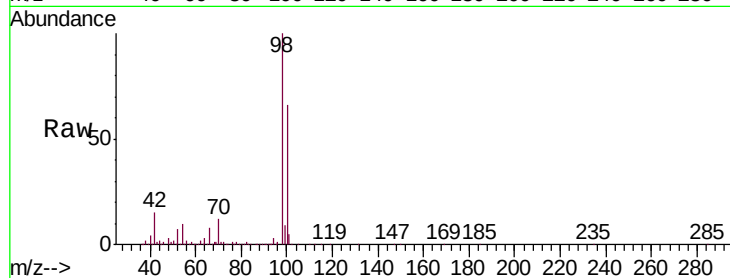




#50
Toluene-d8
Concen: 50.825 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012739.D
Acq: 07 Sep 2019 23:46

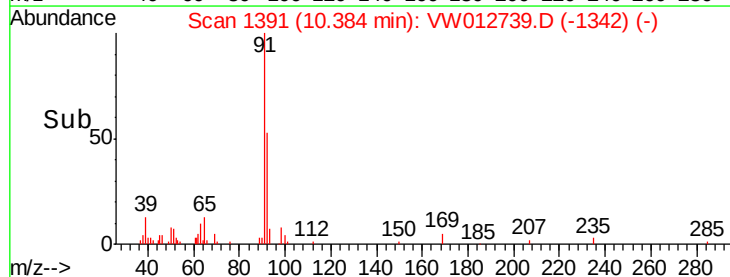
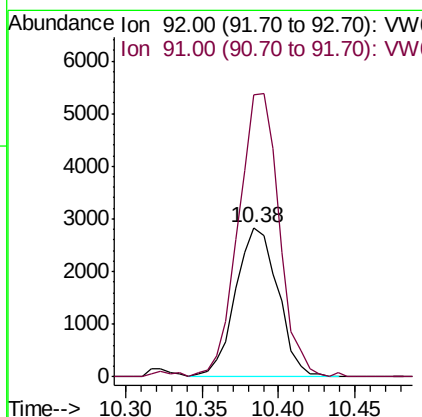
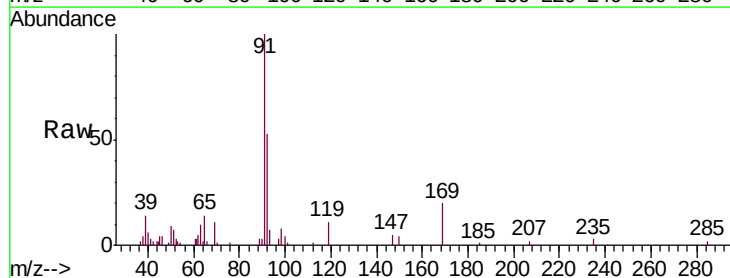
Instrument :
MSVOA_W
ClientSampled :
SB-4-(7-9)

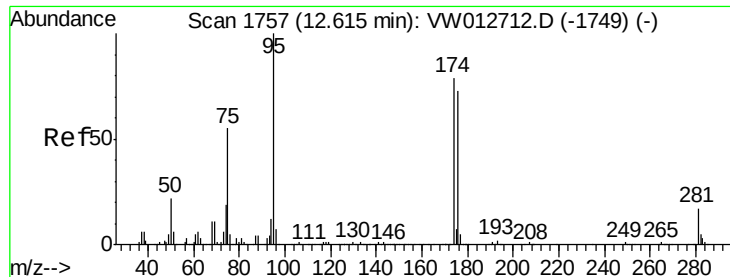
Tgt Ion: 98 Resp: 413609
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4



#52
Toluene
Concen: 1.019 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW012739.D
Acq: 07 Sep 2019 23:46

Tgt Ion: 92 Resp: 5477
Ion Ratio Lower Upper
92 100
91 181.8 137.0 205.4





#62

4-Bromofluorobenzene

Concen: 43.149 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012739.D

Acq: 07 Sep 2019 23:46

Instrument :

MSVOA_W

ClientSampleId :

SB-4-(7-9)

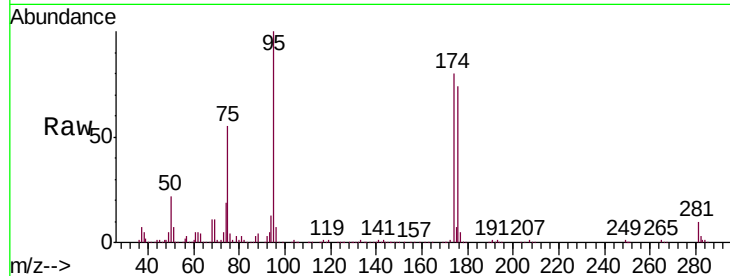
Tgt Ion: 95 Resp: 127478

Ion Ratio Lower Upper

95 100

174 82.3 0.0 161.0

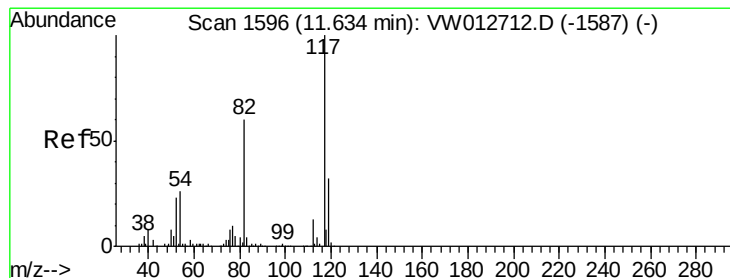
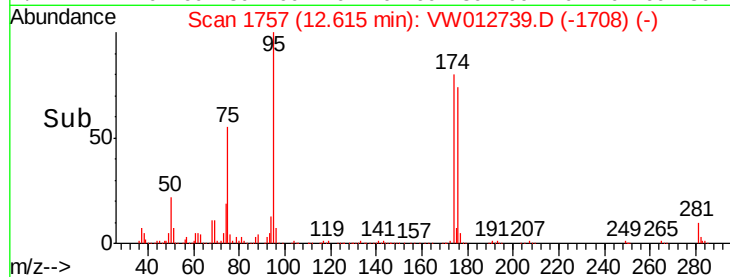
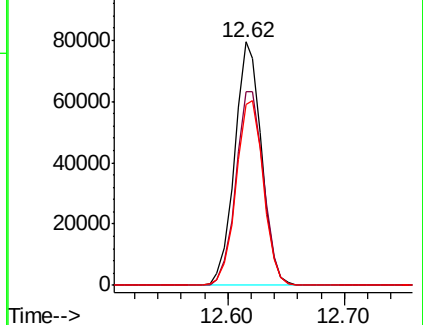
176 77.4 0.0 156.4



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: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW012739.D

Acq: 07 Sep 2019 23:46

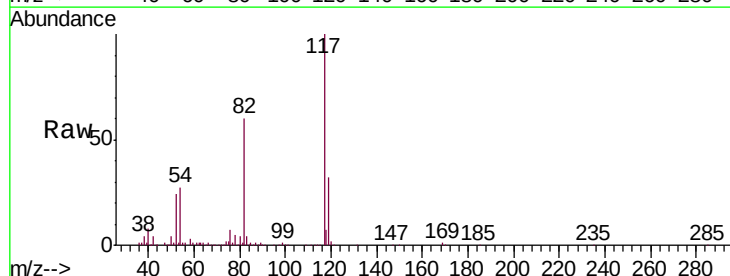
Tgt Ion: 117 Resp: 282035

Ion Ratio Lower Upper

117 100

82 59.5 48.2 72.4

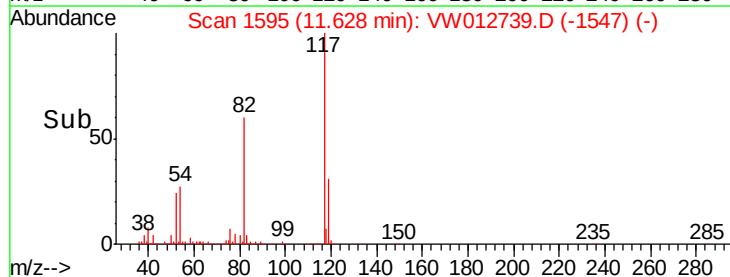
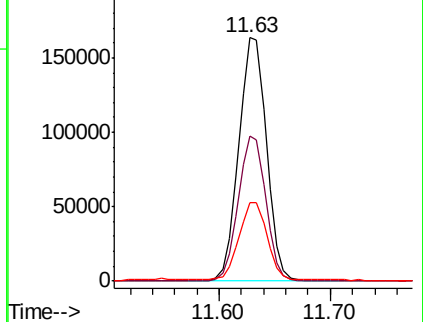
119 31.6 25.8 38.6

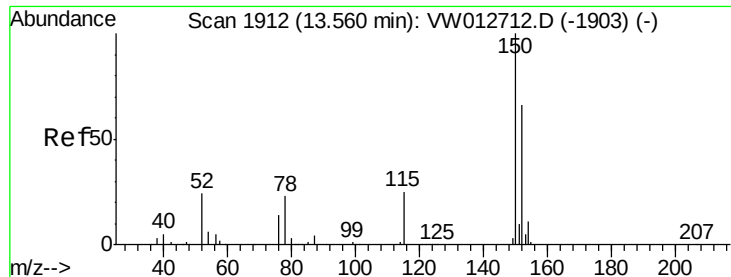


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

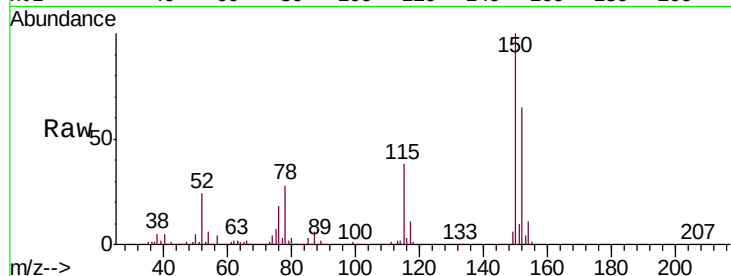




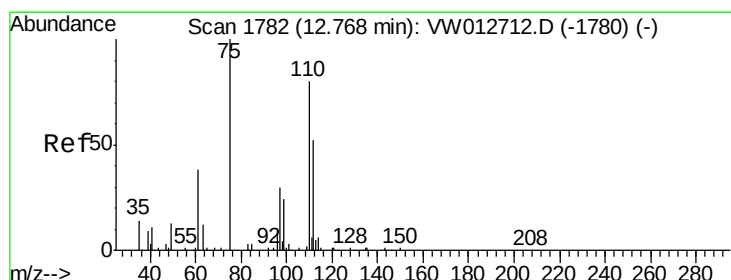
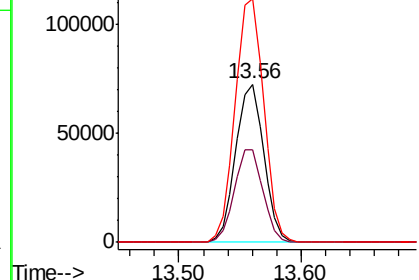
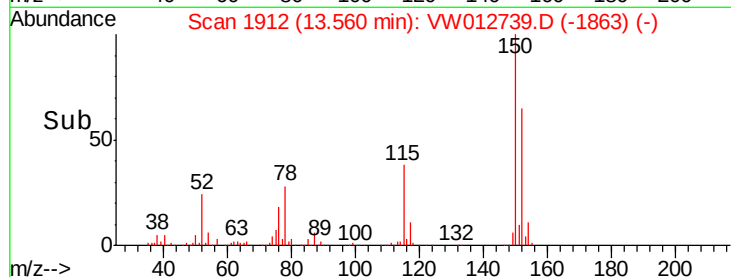
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW012739.D
 Acq: 07 Sep 2019 23:46

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4-(7-9)

Tgt Ion: 152 Resp: 115109
 Ion Ratio Lower Upper
 152 100
 115 59.4 30.0 90.1
 150 156.9 0.0 349.0

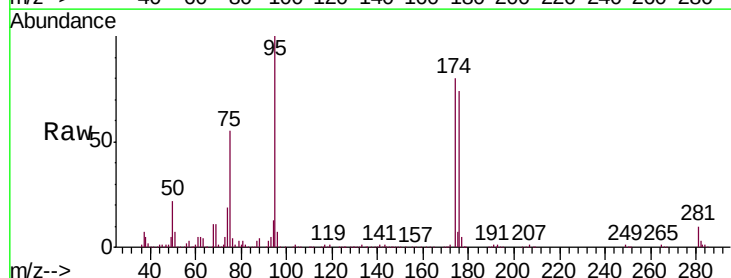


Abundance Ion 151.90 (151.60 to 152.60): V
 150000 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

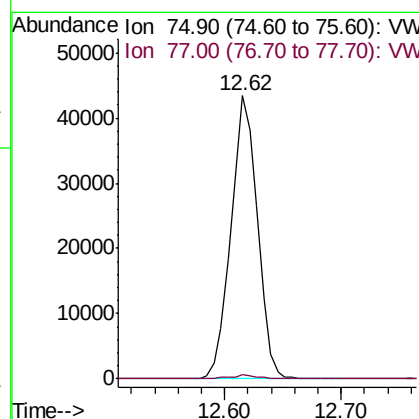
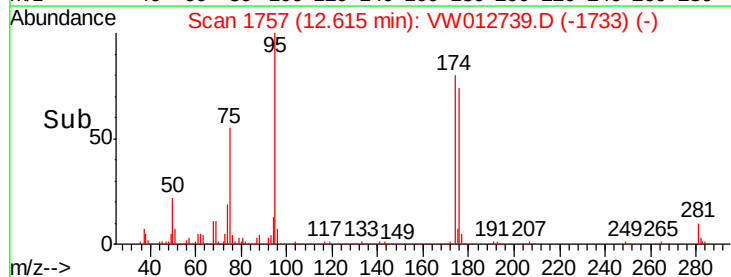


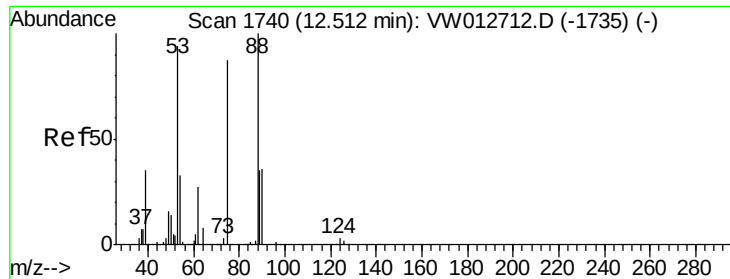
#76
 1,2,3-Trichloropropane
 Concen: 58.159 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW012739.D
 Acq: 07 Sep 2019 23:46

Tgt Ion: 75 Resp: 68456
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
 50000 Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 123.011 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012739.D

Acq: 07 Sep 2019 23:46

Instrument :

MSVOA_W

ClientSampleId :

SB-4-(7-9)

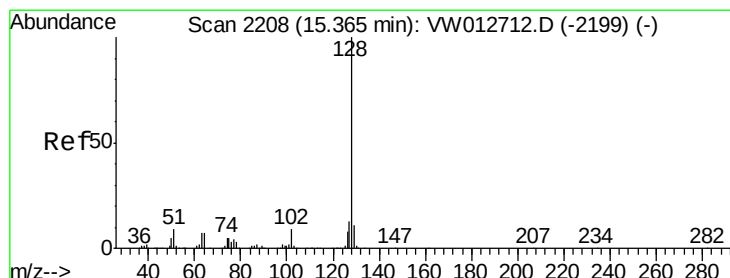
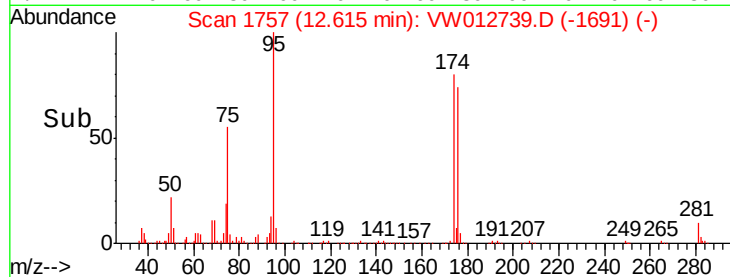
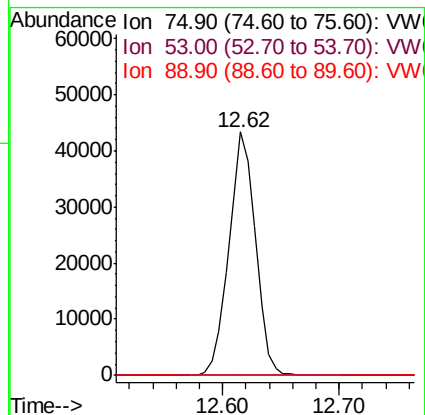
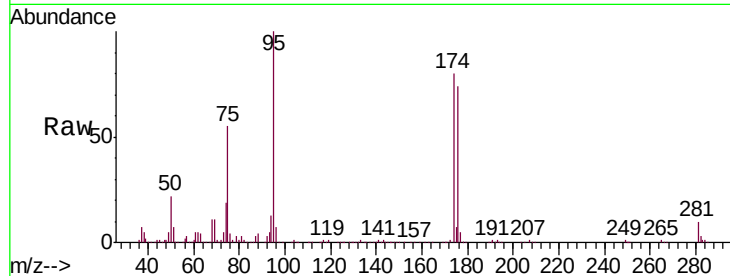
Tgt Ion: 75 Resp: 68456

Ion Ratio Lower Upper

75 100

53 0.0 87.6 131.4#

89 0.0 35.5 53.3#



#95

Naphthalene

Concen: 4.443 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW012739.D

Acq: 07 Sep 2019 23:46

Tgt Ion: 128 Resp: 20

Ion Ratio Lower Upper

128 100

127 0.0 10.7 16.1#

129 0.0 8.7 13.1#

