

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061919\
 Data File : VW010854.D
 Acq On : 19 Jun 2019 16:53
 Operator : SY/VA
 Sample : K3157-03RE
 Misc : 5.33G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-061719-B

Quant Time: Jun 20 05:48:38 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	245681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	434850	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	363078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	143068	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	143733	49.64	ug/l	0.00
Spiked Amount			Recovery	=	99.28%	
35) Dibromofluoromethane	7.88	113	102779	43.55	ug/l	0.00
Spiked Amount			Recovery	=	87.10%	
50) Toluene-d8	10.32	98	415416	40.14	ug/l	0.00
Spiked Amount			Recovery	=	80.28%	
62) 4-Bromofluorobenzene	12.62	95	143991	38.23	ug/l	0.00
Spiked Amount			Recovery	=	76.46%	

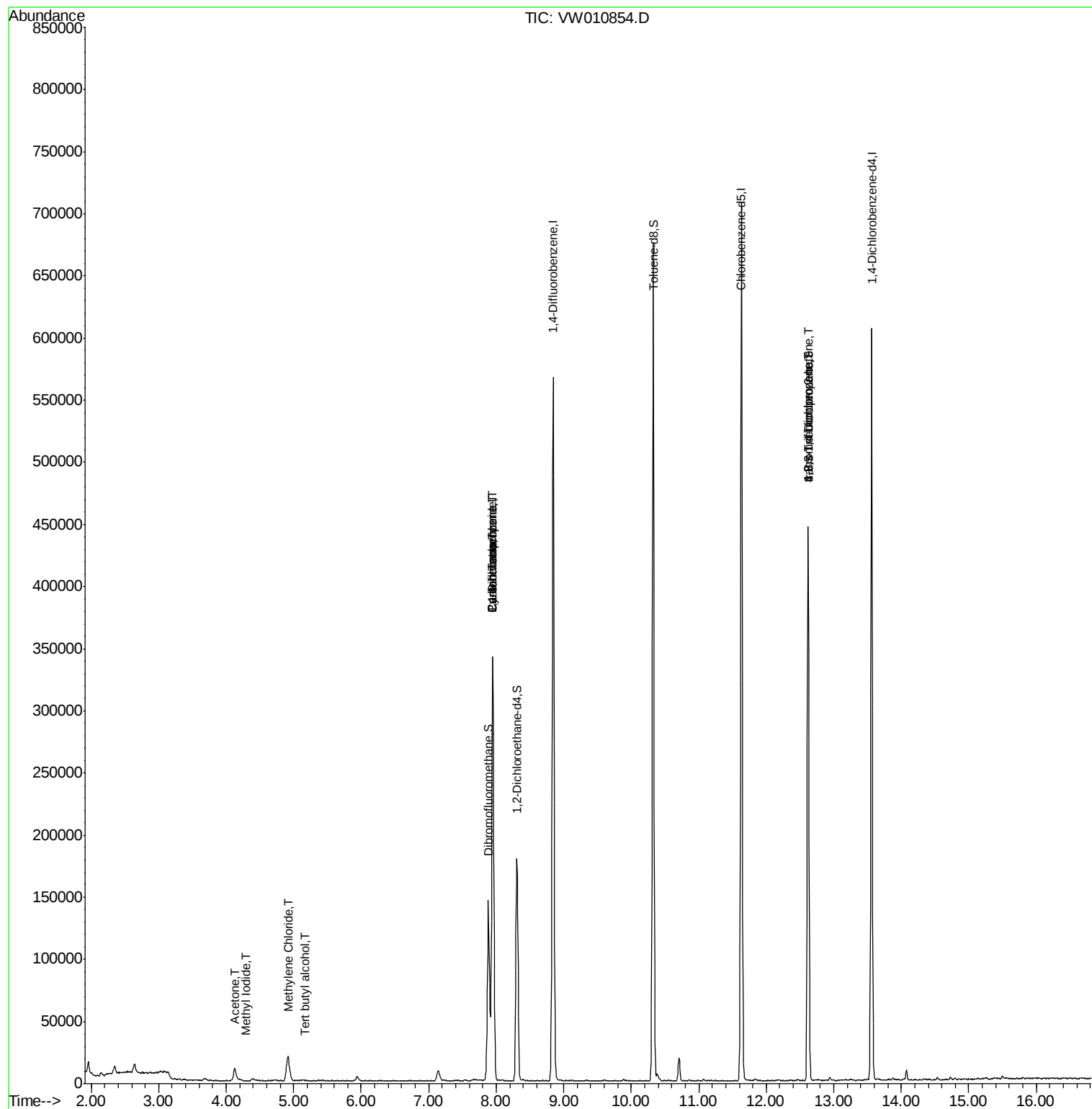
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.29	142	21	4.806	ug/l #	41
11) Tert butyl alcohol	5.17	59	262	1.111	ug/l #	72
16) Acetone	4.13	43	18438	23.763	ug/l	99
20) Methylene Chloride	4.92	84	13694	5.031	ug/l	90
31) Cyclohexane	7.95	56	6536	1.119	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	21887	4.917	ug/l #	51
38) Carbon Tetrachloride	7.95	117	25640	6.673	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	78386	52.174	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	78386	119.912	ug/l #	5

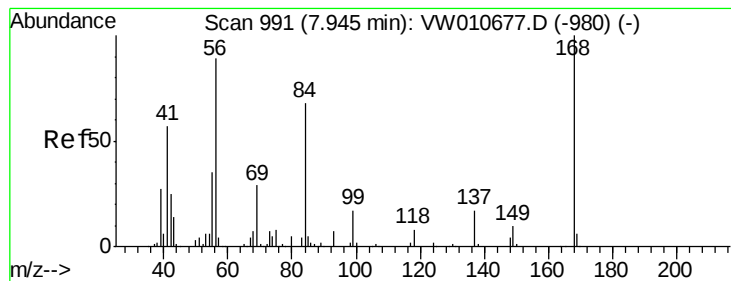
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW010854.D

Acq: 19 Jun 2019 16:53

Instrument :

MSVOA_W

ClientSampleId :

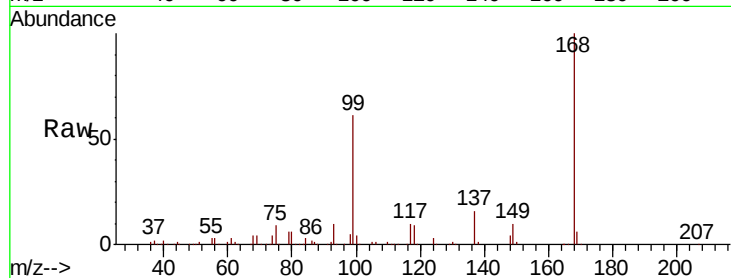
CL-01-061719-B

Tot Ion:168 Resp: 245681

Ion Ratio Lower Upper

168 100

99 61.0 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

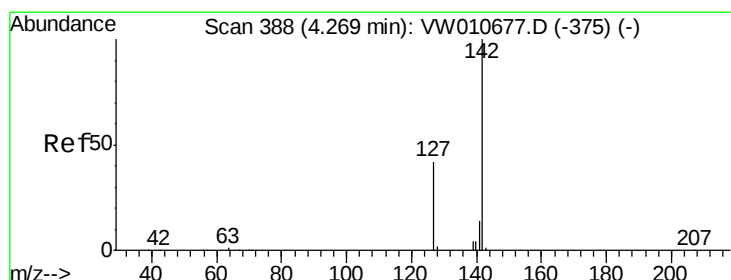
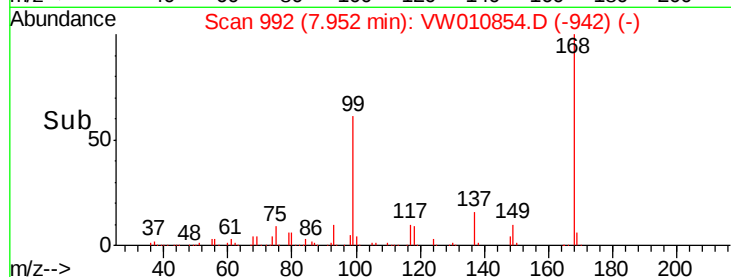
60000

40000

20000

0

Time-->



#10

Methyl Iodide

Concen: 4.806 ug/l

RT: 4.29 min Scan# 392

Delta R.T. 0.02 min

Lab File: VW010854.D

Acq: 19 Jun 2019 16:53

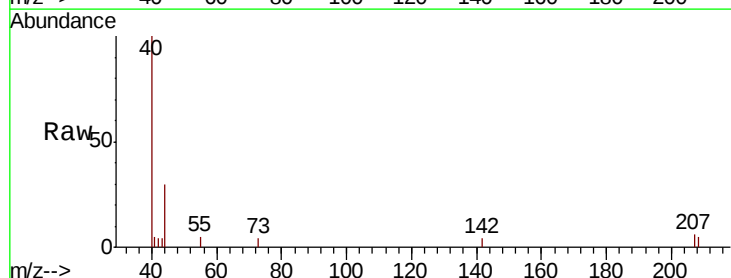
Tgt Ion:142 Resp: 21

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

4.29

80

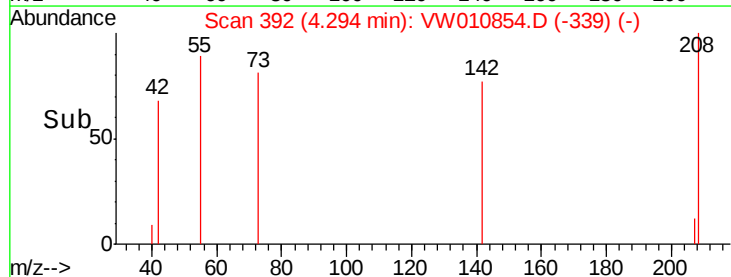
60

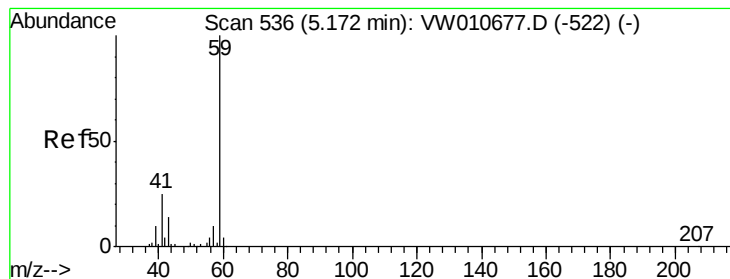
40

20

0

Time-->





#11

Tert butyl alcohol

Concen: 1.111 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.00 min

Lab File: VW010854.D

Acq: 19 Jun 2019 16:53

Instrument :

MSVOA_W

ClientSampleId :

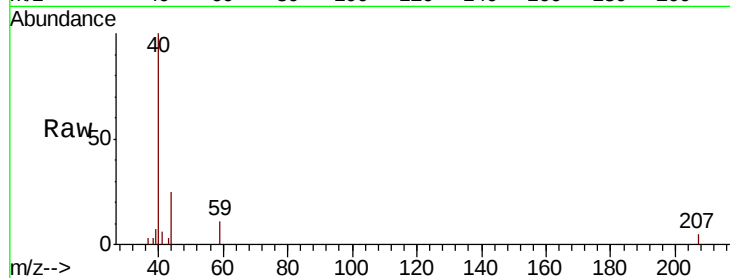
CL-01-061719-B

Tot Ion: 59 Resp: 262

Ion Ratio Lower Upper

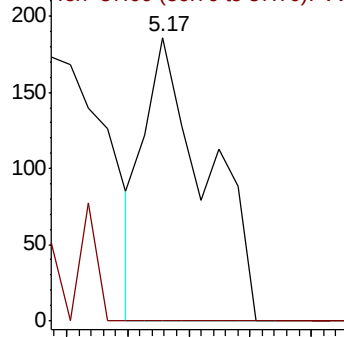
59 100

57 0.0 8.6 12.8#

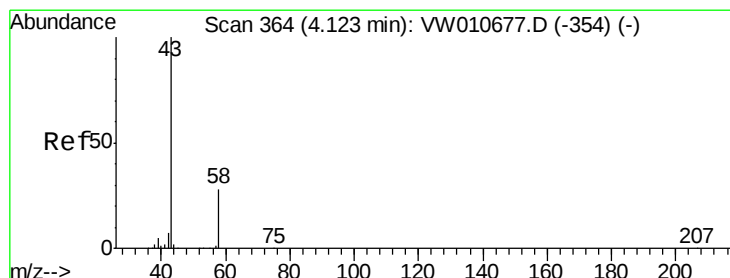
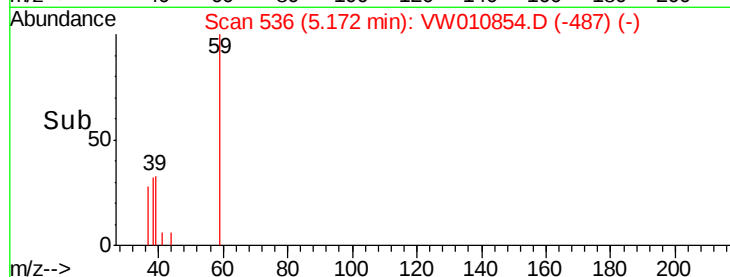


Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



Time-->



#16

Acetone

Concen: 23.763 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010854.D

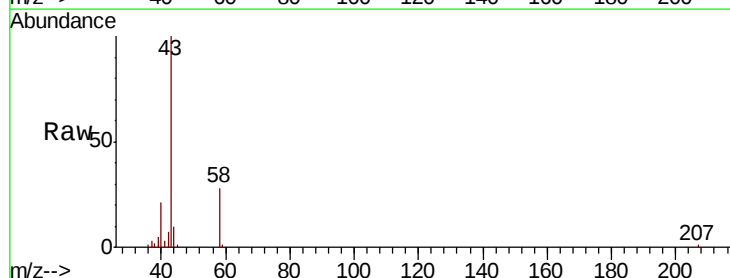
Acq: 19 Jun 2019 16:53

Tgt Ion: 43 Resp: 18438

Ion Ratio Lower Upper

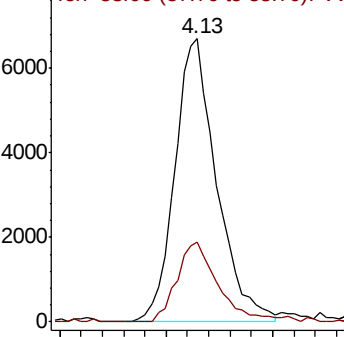
43 100

58 28.0 22.1 33.1

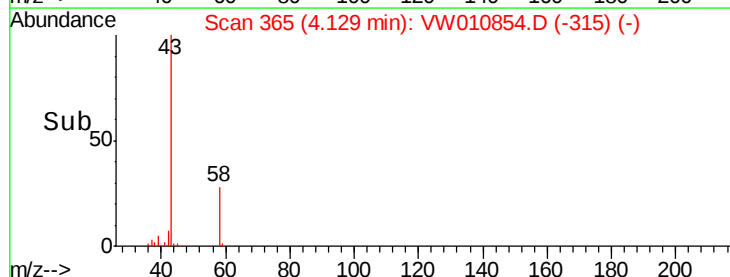


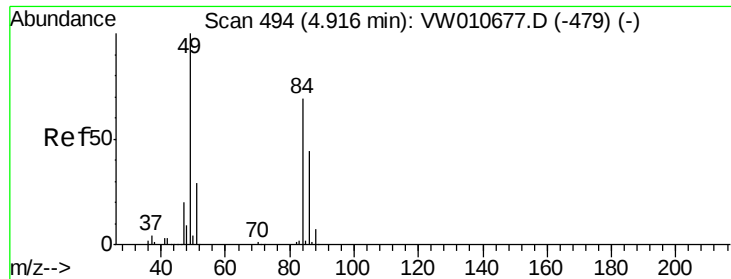
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->

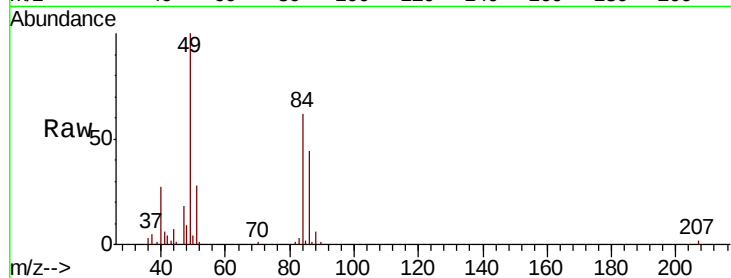




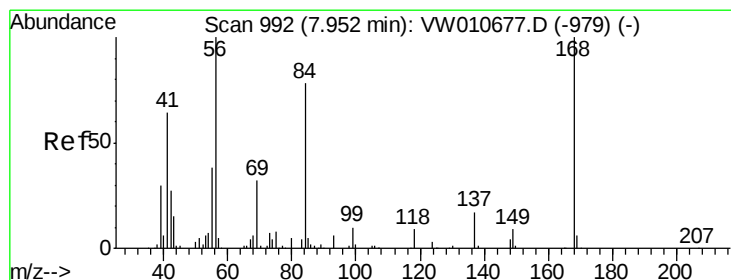
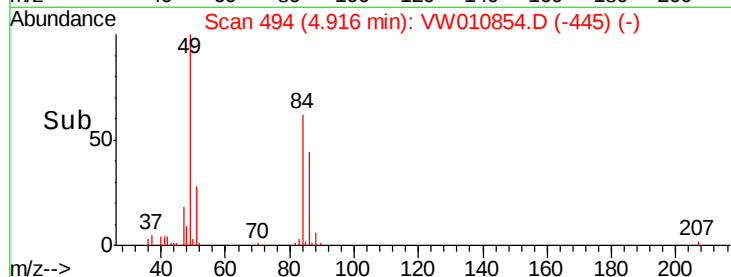
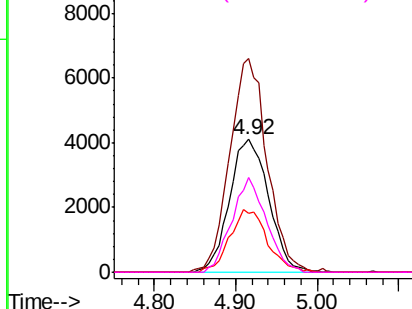
#20
Methvlene Chloride
Concen: 5.031 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010854.D
Acq: 19 Jun 2019 16:53

Instrument :
MSVOA_W
ClientSampleId :
CL-01-061719-B

Tot Ion: 84 Resp: 13694
Ion Ratio Lower Upper
84 100
49 160.9 116.7 175.1
51 44.6 34.2 51.2
86 71.3 51.2 76.8

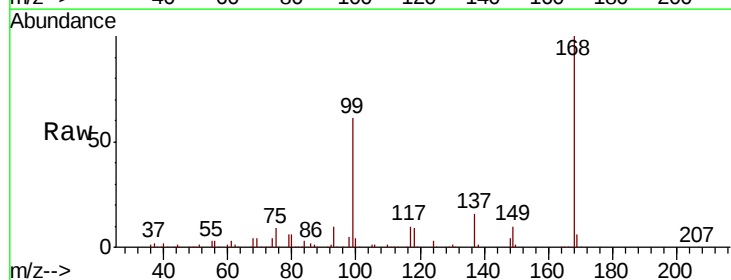


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

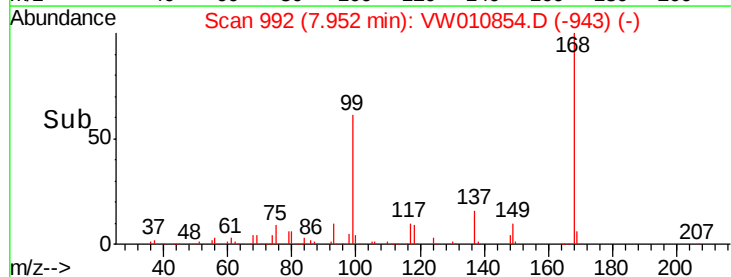
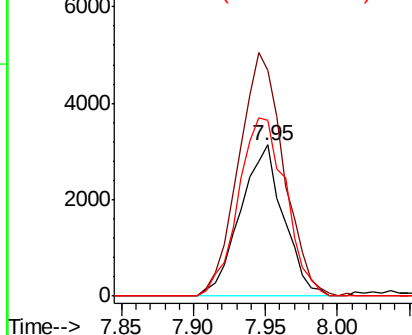


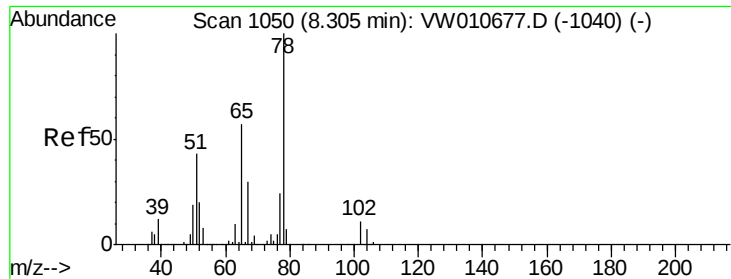
#31
Cyclohexane
Concen: 1.119 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW010854.D
Acq: 19 Jun 2019 16:53

Tgt Ion: 56 Resp: 6536
Ion Ratio Lower Upper
56 100
69 149.5 25.2 37.8#
84 116.7 62.2 93.2#



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

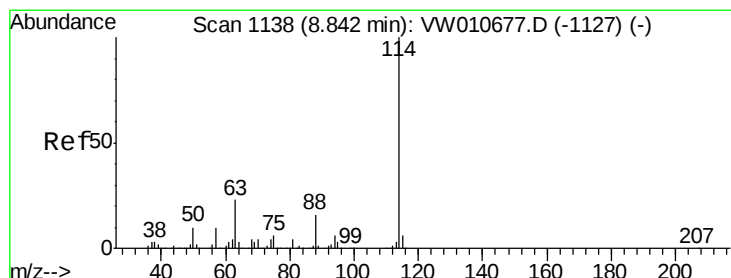
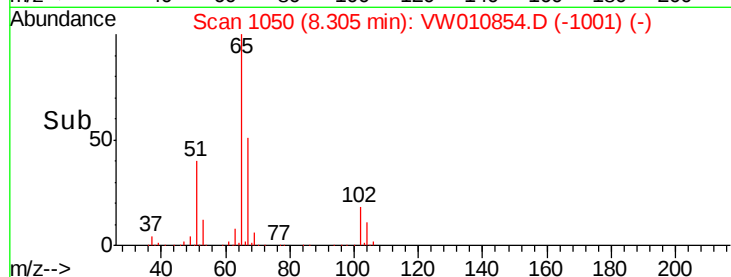
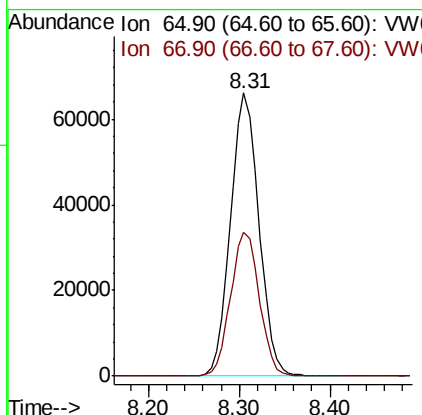
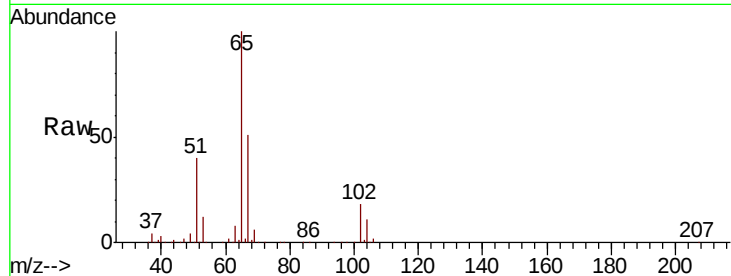




#33
 1,2-Dichloroethane-d4
 Concen: 49.636 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010854.D
 Acq: 19 Jun 2019 16:53

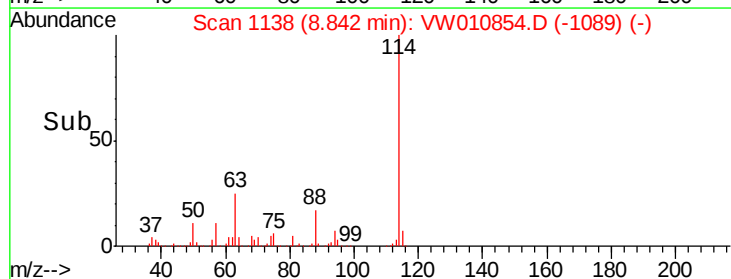
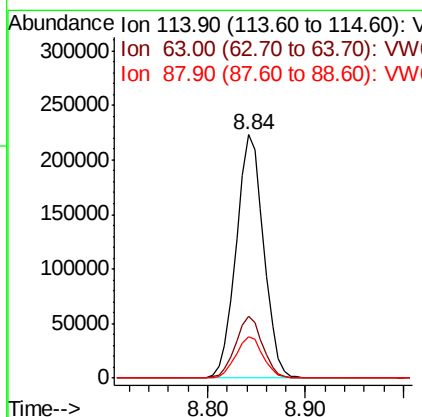
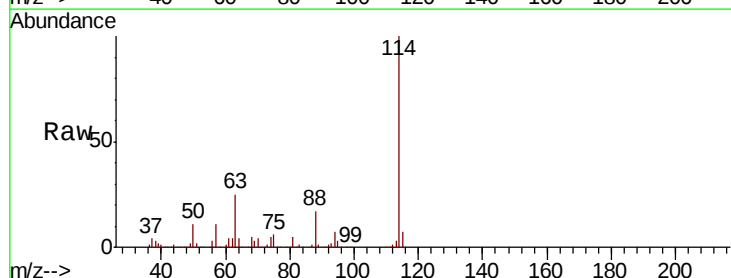
Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-061719-B

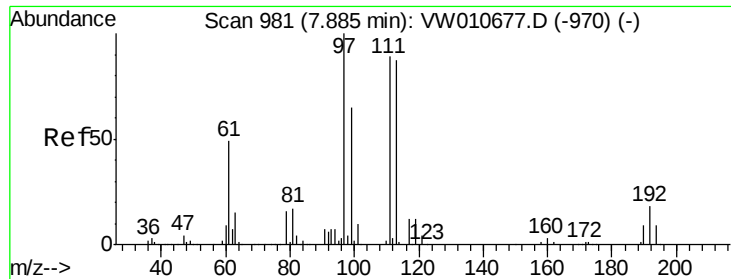
Tot Ion: 65 Resp: 143733
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010854.D
 Acq: 19 Jun 2019 16:53

Tgt Ion: 114 Resp: 434850
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 46.4
 88 16.9 0.0 32.2

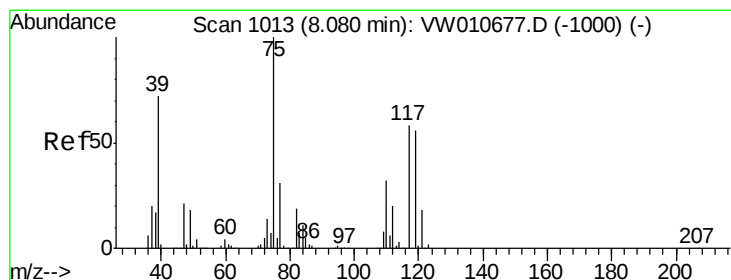
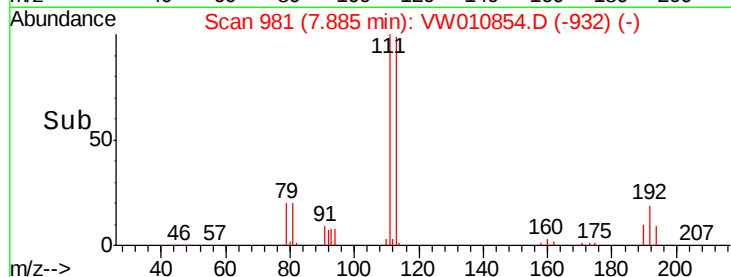
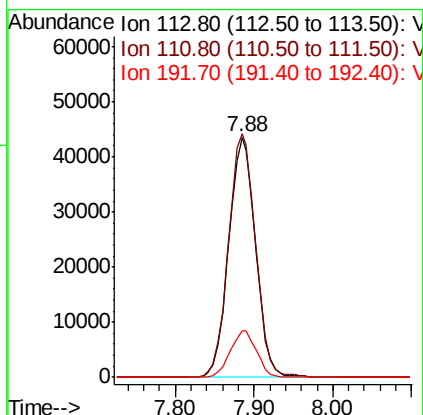
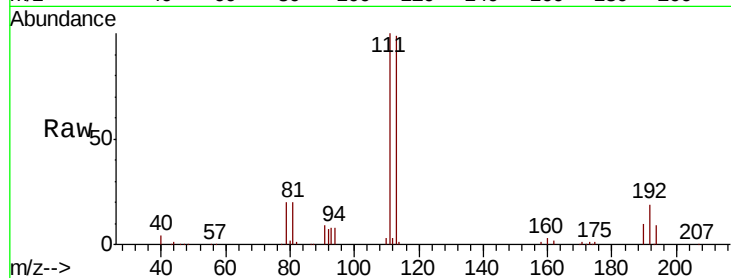




#35
 Dibromofluoromethane
 Concen: 43.545 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010854.D
 Acq: 19 Jun 2019 16:53

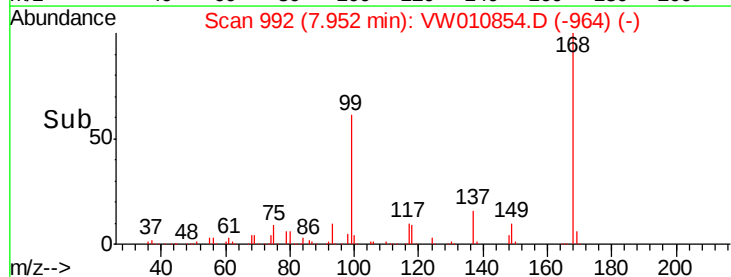
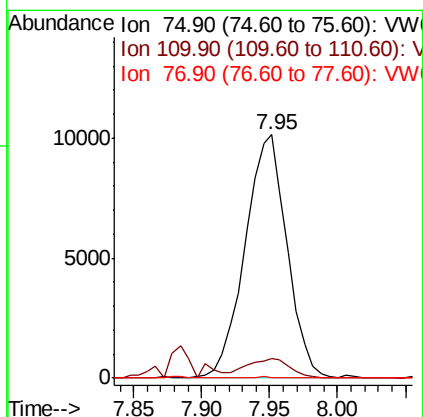
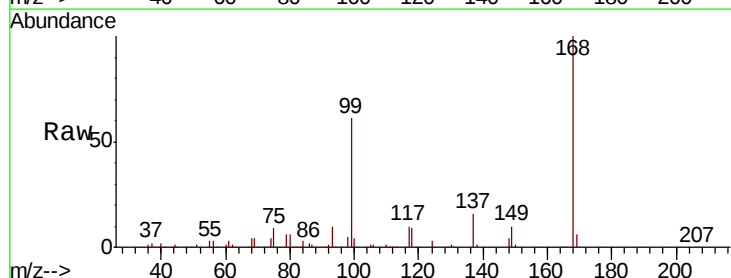
Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-061719-B

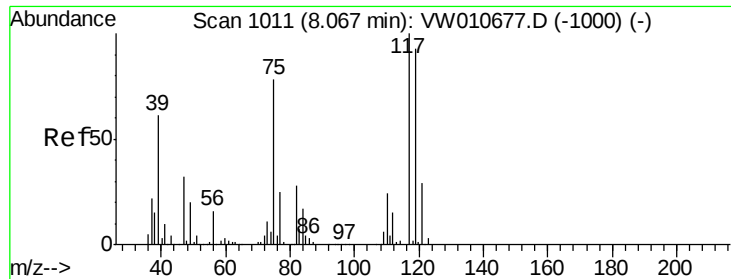
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	123.8
192	19.1	16.4	24.6



#36
 1,1-Dichloropropene
 Concen: 4.917 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW010854.D
 Acq: 19 Jun 2019 16:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	15.8	47.3#
77	0.1	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 6.673 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW010854.D

Acq: 19 Jun 2019 16:53

Instrument :

MSVOA_W

ClientSampleId :

CL-01-061719-B

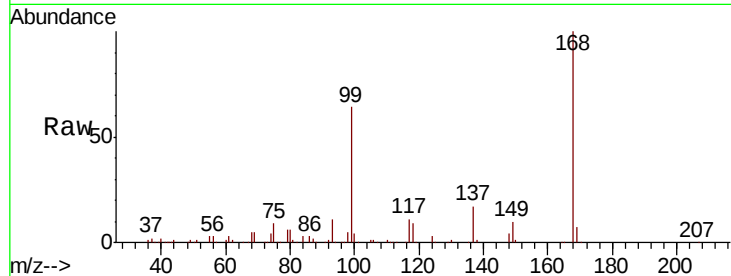
Tot Ion:117 Resp: 25640

Ion Ratio Lower Upper

117 100

119 4.1 74.2 111.4#

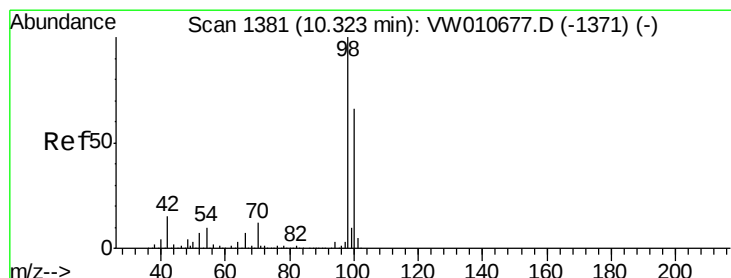
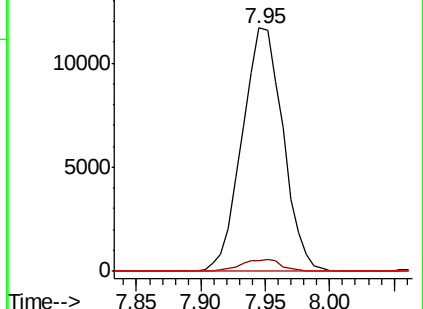
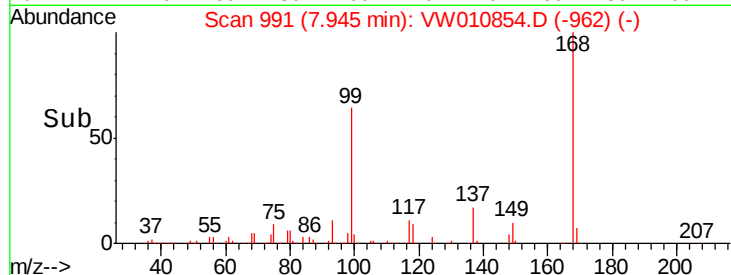
121 0.0 22.9 34.3#



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: 40.137 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010854.D

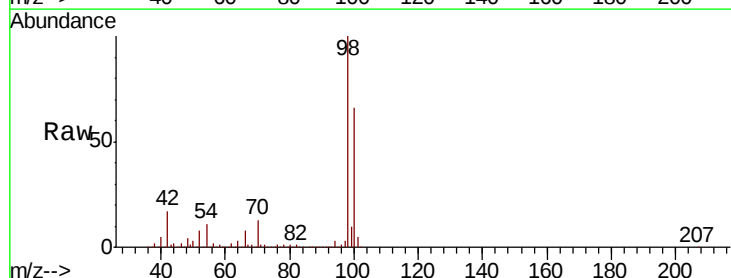
Acq: 19 Jun 2019 16:53

Tgt Ion: 98 Resp: 415416

Ion Ratio Lower Upper

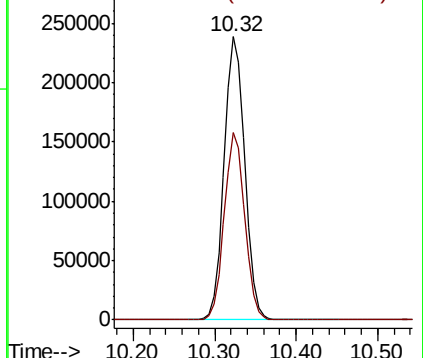
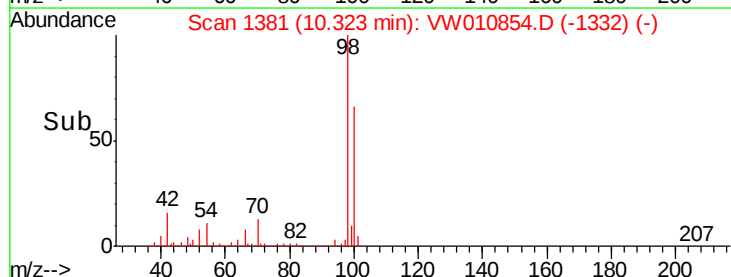
98 100

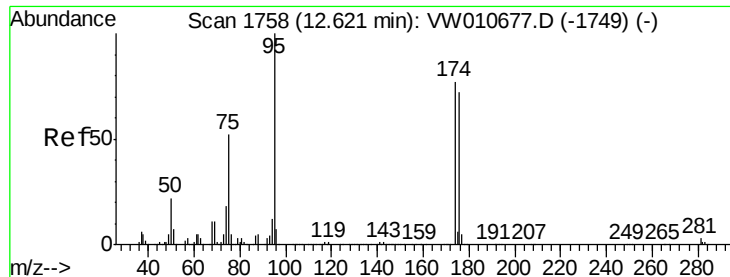
100 65.7 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

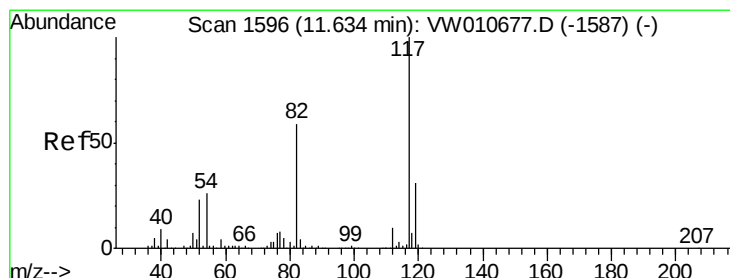
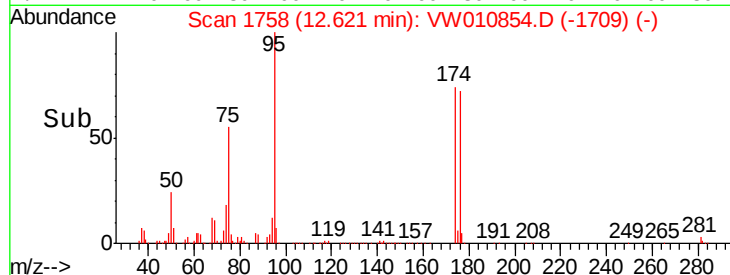
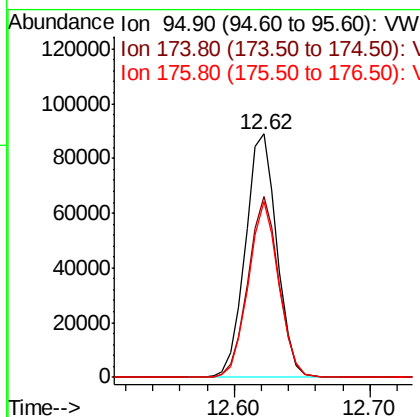
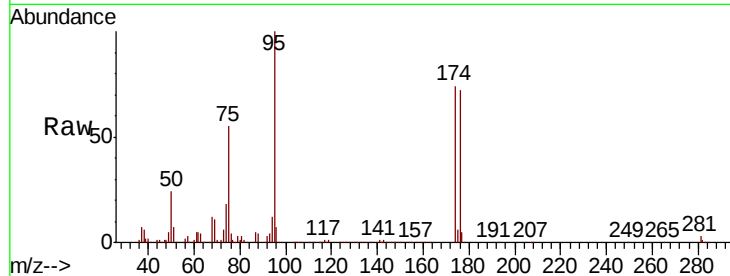




#62
4-Bromofluorobenzene
Concen: 38.232 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW010854.D
Acq: 19 Jun 2019 16:53

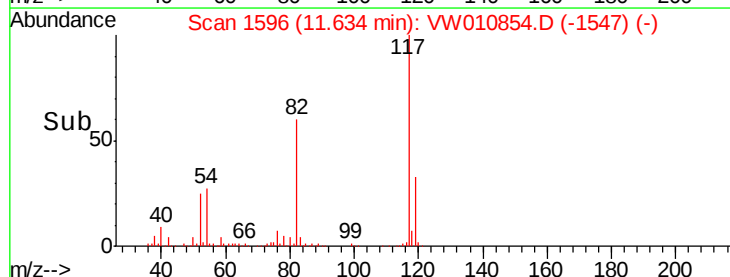
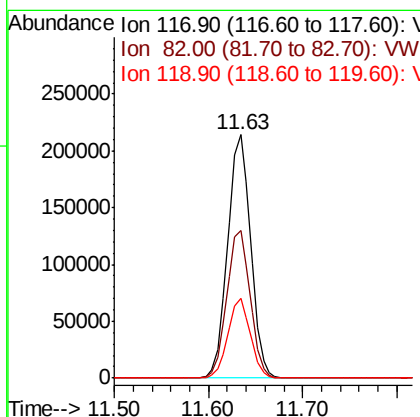
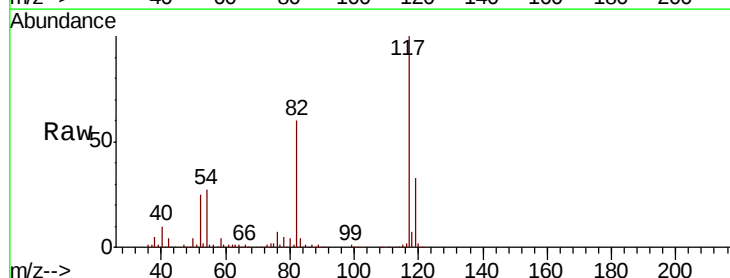
Instrument :
MSVOA_W
ClientSampleId :
CL-01-061719-B

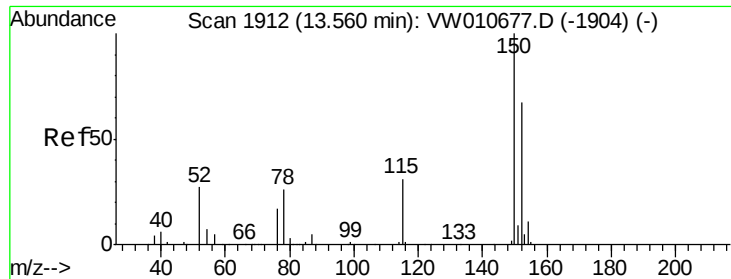
Tot Ion	95	Resp	143991
Ion Ratio	Lower	Upper	
95	100		
174	72.5	0.0	150.4
176	69.8	0.0	144.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010854.D
Acq: 19 Jun 2019 16:53

Tgt Ion	117	Resp	363078
Ion Ratio	Lower	Upper	
117	100		
82	60.4	47.0	70.4
119	32.5	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: VW010854.D

Acq: 19 Jun 2019 16:53

Instrument :

MSVOA_W

ClientSampleId :

CL-01-061719-B

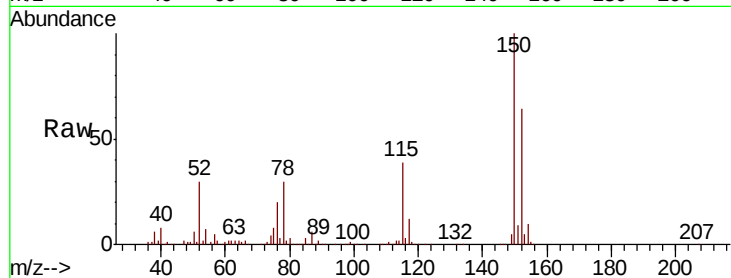
Tot Ion:152 Resp: 143068

Ion Ratio Lower Upper

152 100

115 60.7 29.8 89.3

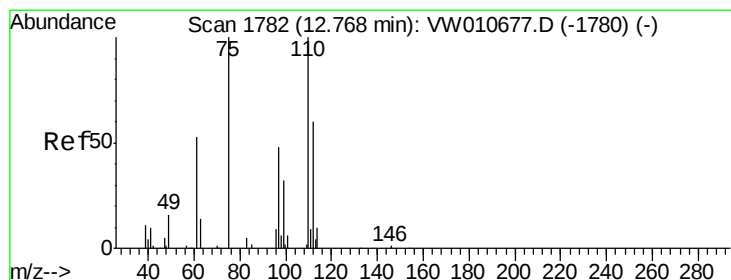
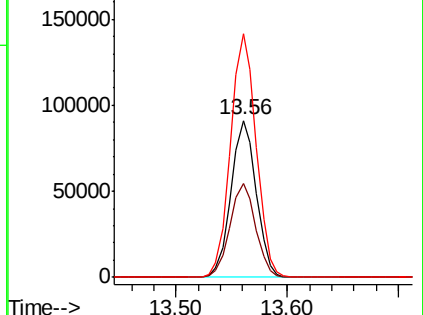
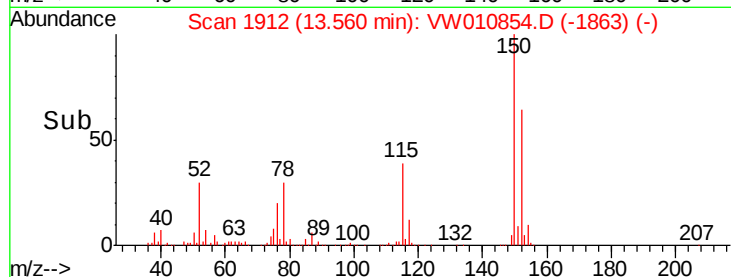
150 156.9 0.0 345.0



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: 52.174 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010854.D

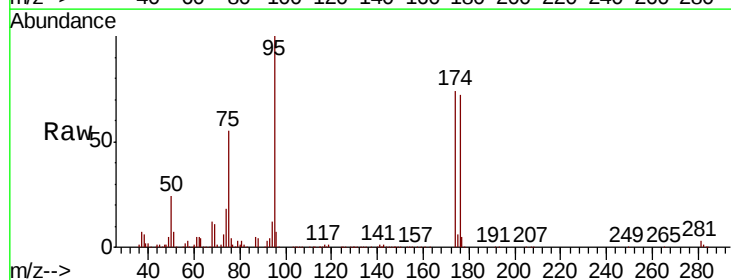
Acq: 19 Jun 2019 16:53

Tgt Ion: 75 Resp: 78386

Ion Ratio Lower Upper

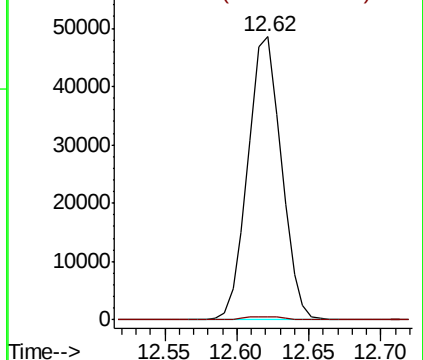
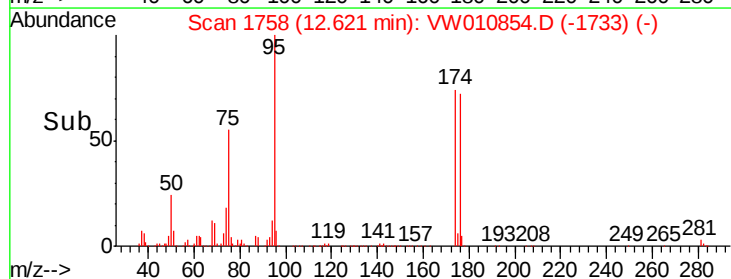
75 100

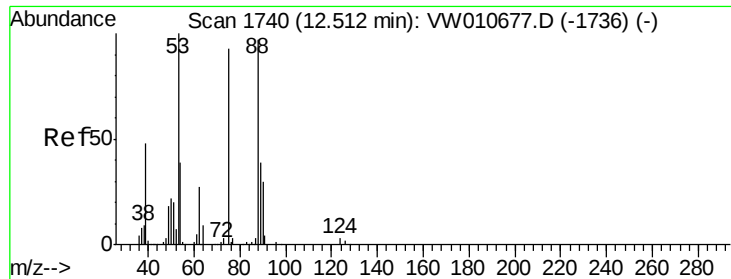
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 119.912 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010854.D

Acq: 19 Jun 2019 16:53

Instrument :

MSVOA_W

ClientSampleId :

CL-01-061719-B

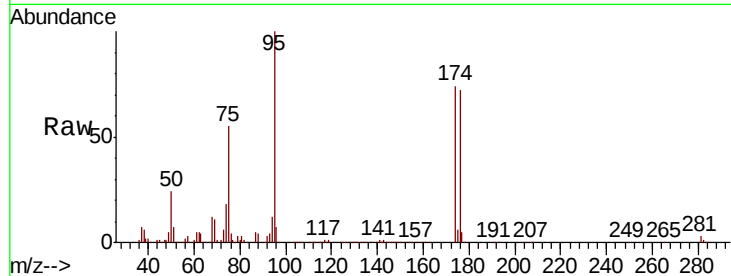
Tot Ion: 75 Resp: 78386

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.0 34.6 52.0#



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

