

Data File : VW010479.D
Acq On : 21 May 2019 11:33
Operator : SY/VA
Sample : K2641-11
Misc : 5.03G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CL-02-051719

Quant Time: May 22 06:40:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	122080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	232917	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	189926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	65491	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	71220	56.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.04%	
35) Dibromofluoromethane	7.88	113	72800	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
50) Toluene-d8	10.32	98	277480	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
62) 4-Bromofluorobenzene	12.62	95	88694	41.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.48%	

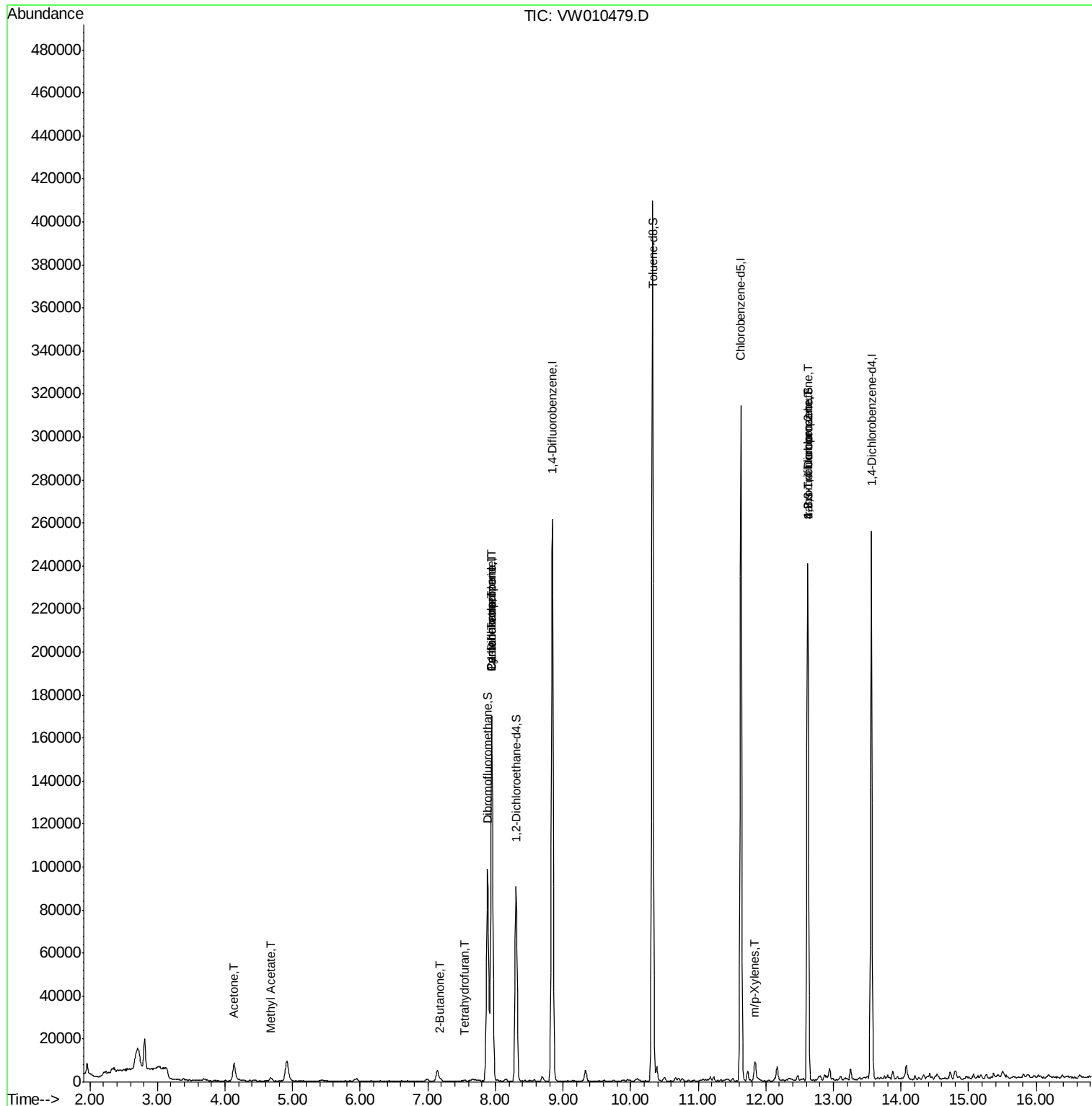
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.00	85	70	Below Cal	#	42
13) Acrolein	3.89	56	22	Below Cal	#	1
16) Acetone	4.13	43	14519	56.448	ug/l	95
18) Methyl Acetate	4.68	43	2933	4.663	ug/l #	89
25) 2-Butanone	7.18	43	1395	3.790	ug/l	99
29) Tetrahydrofuran	7.54	42	352	1.413	ug/l #	61
31) Cyclohexane	7.94	56	3378	1.412	ug/l #	31
36) 1,1-Dichloropropene	7.95	75	9494	4.376	ug/l #	49
38) Carbon Tetrachloride	7.95	117	13194	5.637	ug/l #	16
68) m/p-Xylenes	11.84	106	2927	1.044	ug/l	100
76) 1,2,3-Trichloropropane	12.62	75	42481	63.903	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	42481	133.367	ug/l #	14

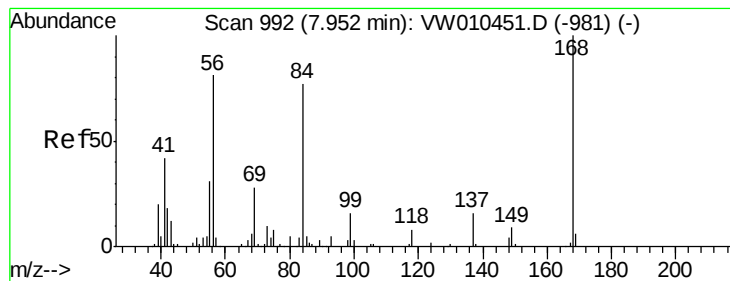
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW010479.D
Acq On : 21 May 2019 11:33
Operator : SY/VA
Sample : K2641-11
Misc : 5.03G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CL-02-051719

Quant Time: May 22 06:40:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010479.D

Acq: 21 May 2019 11:33

Instrument :

MSVOA_W

ClientSampleId :

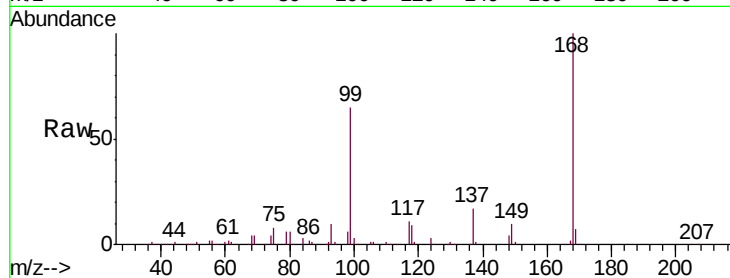
CL-02-051719

Tgt Ion:168 Resp: 122080

Ion Ratio Lower Upper

168 100

99 65.1 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

30000

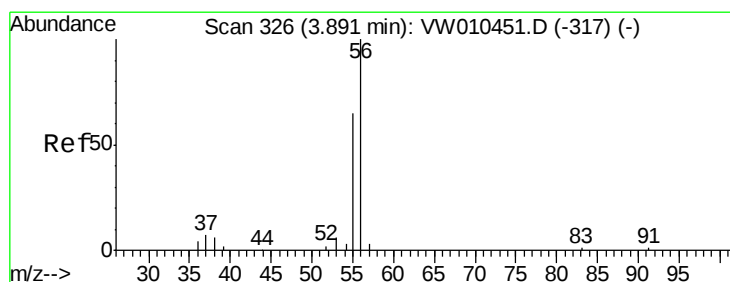
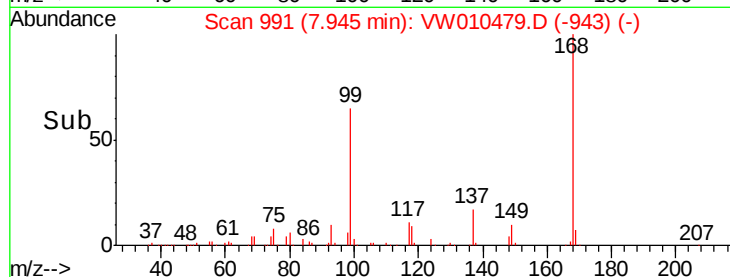
20000

10000

0

Time-->

7.90 8.00



#13

Acrolein

Concen: Below Cal

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW010479.D

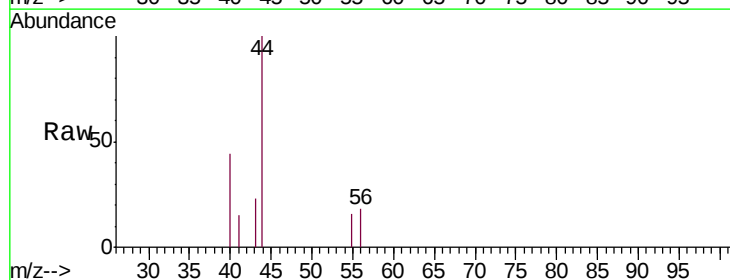
Acq: 21 May 2019 11:33

Tgt Ion: 56 Resp: 22

Ion Ratio Lower Upper

56 100

55 186.4 57.9 86.9#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.89

120

100

80

60

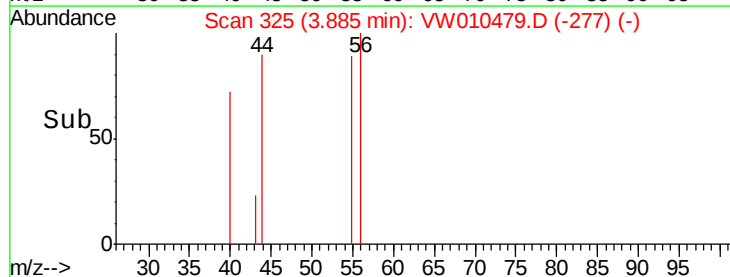
40

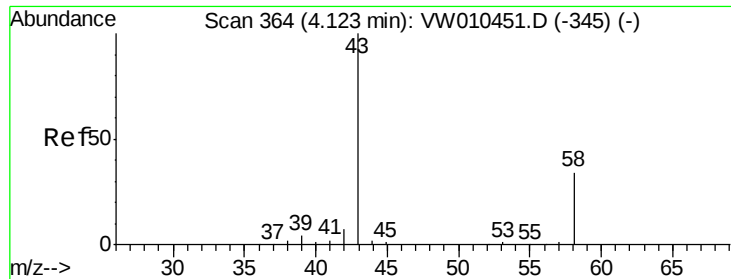
20

0

Time-->

3.87 3.88 3.89 3.90

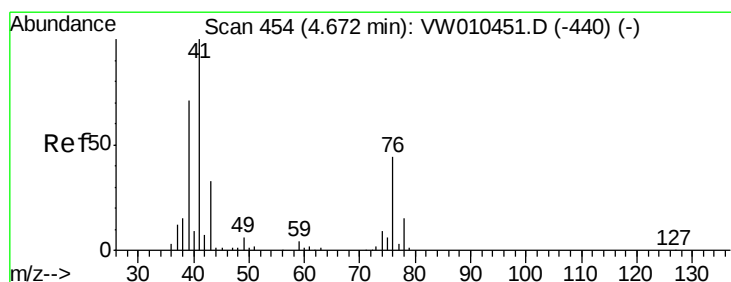
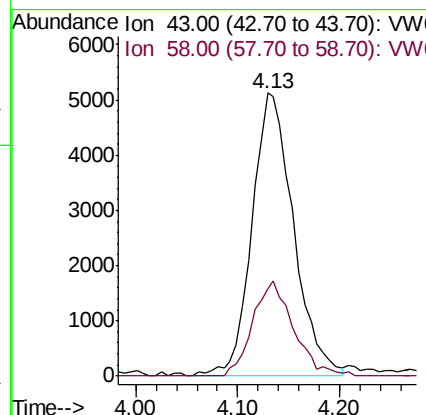
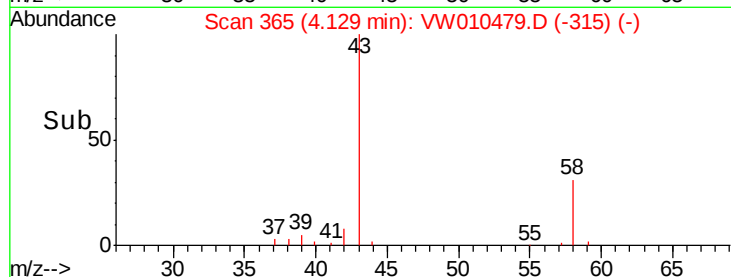
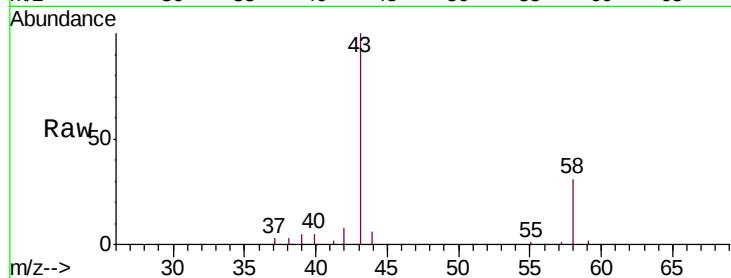




#16
Acetone
Concen: 56.448 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW010479.D
Acq: 21 May 2019 11:33

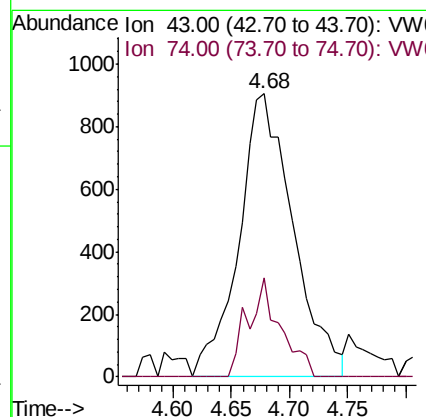
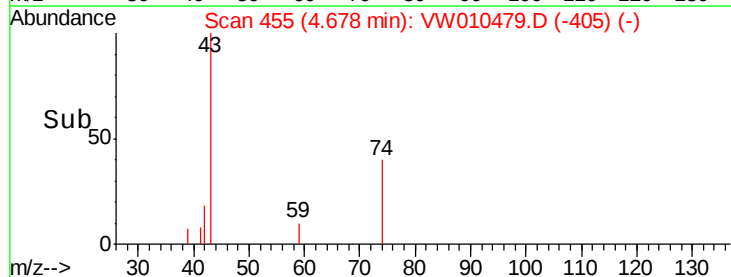
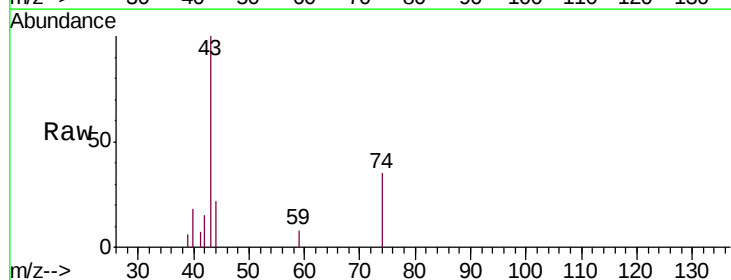
Instrument :
MSVOA_W
ClientSampleId :
CL-02-051719

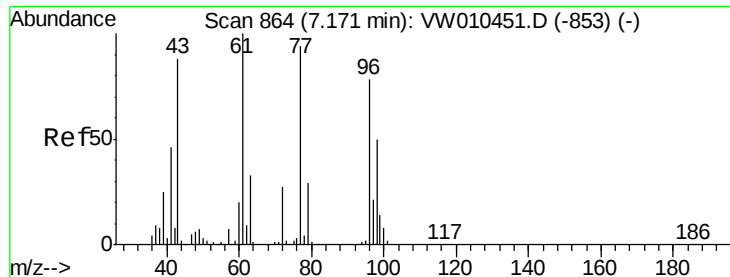
Tgt Ion: 43 Resp: 14519
Ion Ratio Lower Upper
43 100
58 30.8 27.0 40.4



#18
Methyl Acetate
Concen: 4.663 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW010479.D
Acq: 21 May 2019 11:33

Tgt Ion: 43 Resp: 2933
Ion Ratio Lower Upper
43 100
74 21.2 21.6 32.4#

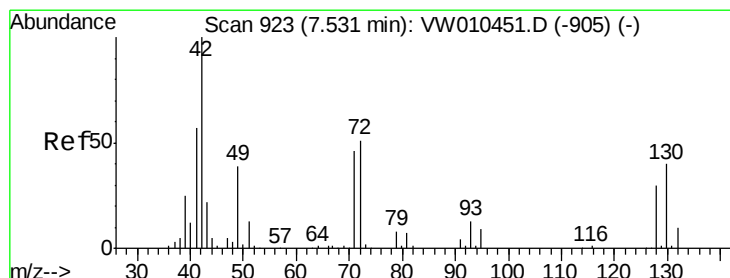
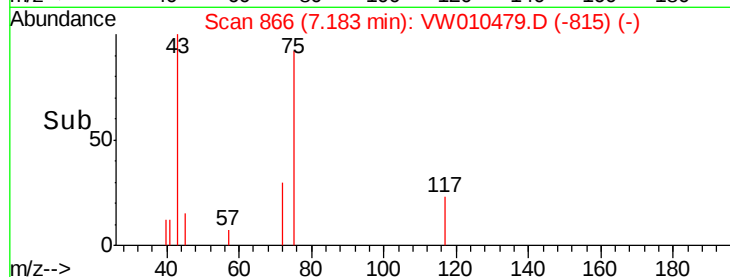
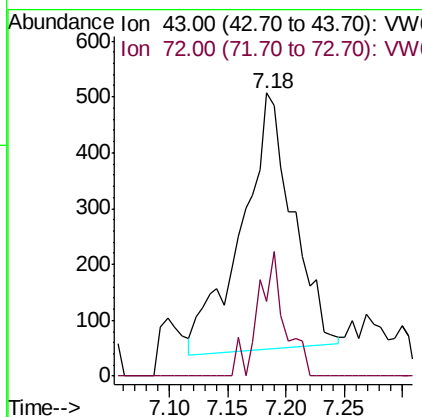
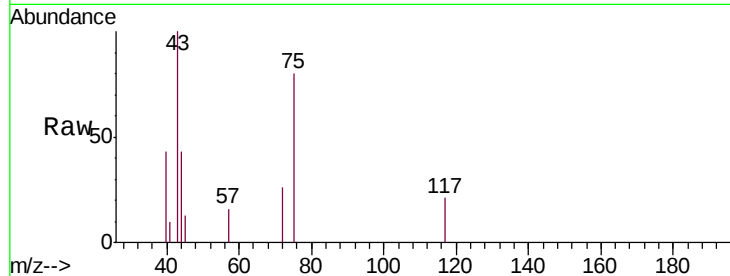




#25
2-Butanone
Concen: 3.790 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW010479.D
Acq: 21 May 2019 11:33

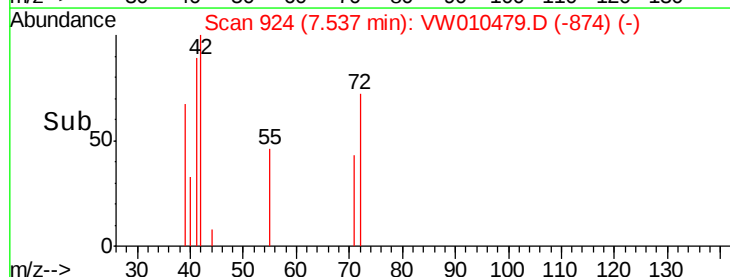
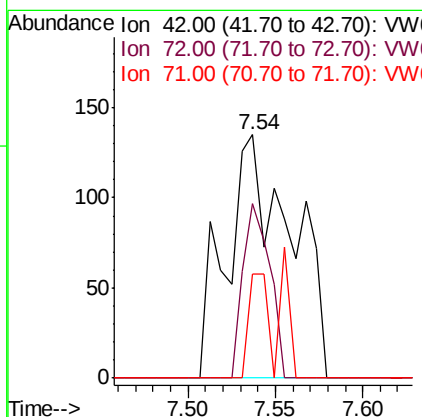
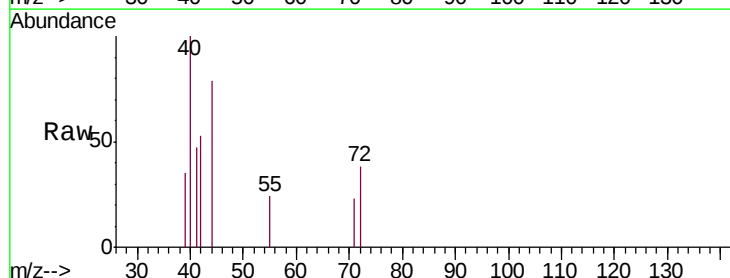
Instrument :
MSVOA_W
ClientSampled :
CL-02-051719

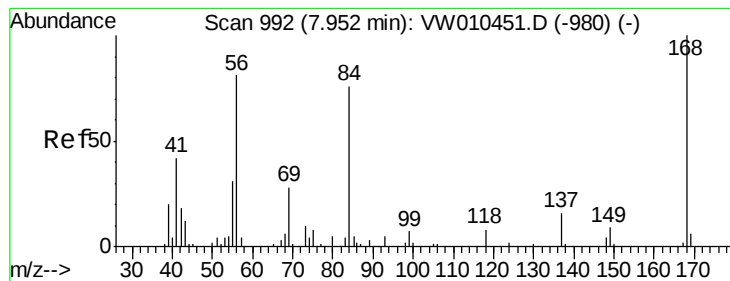
Tgt Ion: 43 Resp: 1395
Ion Ratio Lower Upper
43 100
72 30.5 24.1 36.1



#29
Tetrahydrofuran
Concen: 1.413 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW010479.D
Acq: 21 May 2019 11:33

Tgt Ion: 42 Resp: 352
Ion Ratio Lower Upper
42 100
72 29.5 38.5 57.7#
71 11.9 36.5 54.7#





#31

Cyclohexane

Concen: 1.412 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW010479.D

Acq: 21 May 2019 11:33

Instrument :

MSVOA_W

ClientSampleId :

CL-02-051719

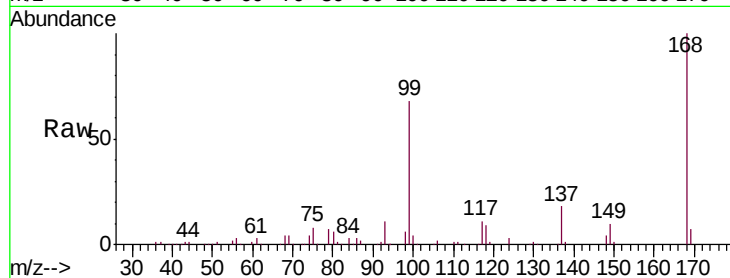
Tgt Ion: 56 Resp: 3378

Ion Ratio Lower Upper

56 100

69 149.1 28.2 42.2#

84 116.5 75.8 113.8#

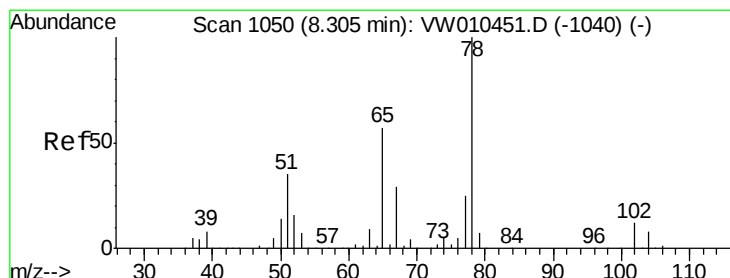
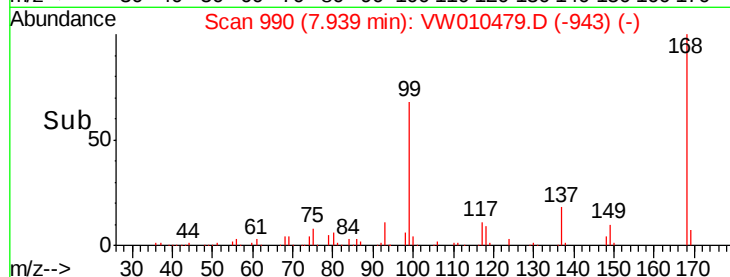
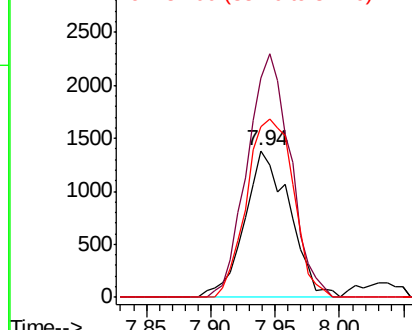


Abundance

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: 56.521 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010479.D

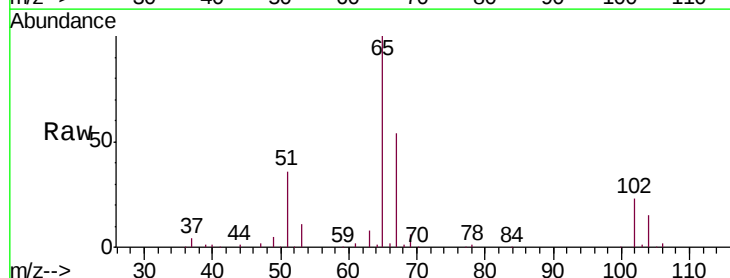
Acq: 21 May 2019 11:33

Tgt Ion: 65 Resp: 71220

Ion Ratio Lower Upper

65 100

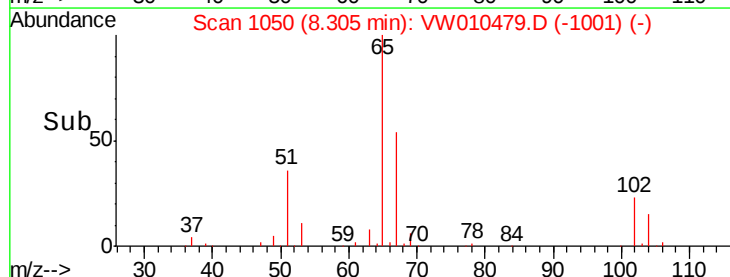
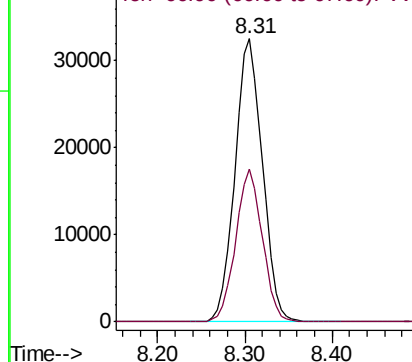
67 52.2 0.0 103.6

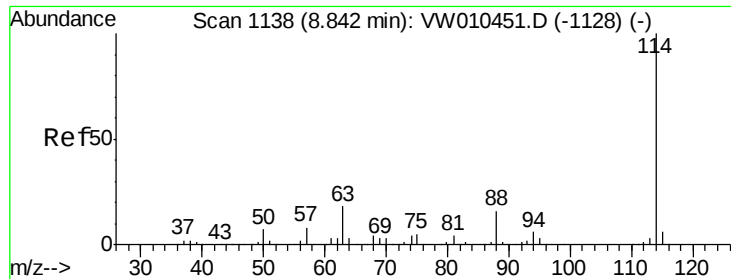


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

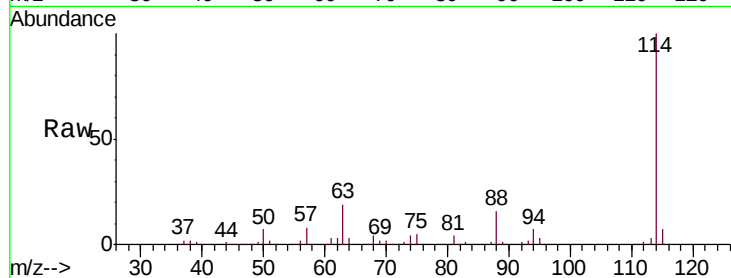




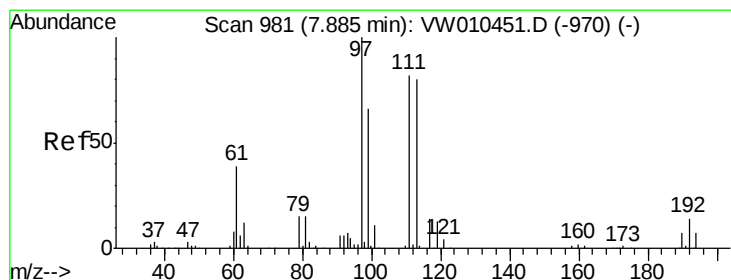
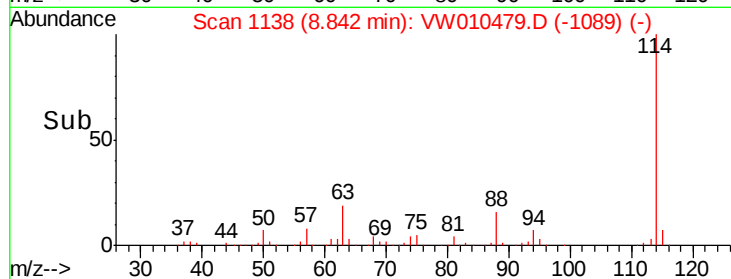
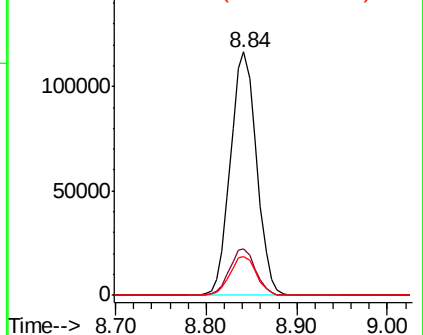
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010479.D
 Acq: 21 May 2019 11:33

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-051719

Tgt Ion:114 Resp: 232917
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 36.0
 88 16.2 0.0 32.0

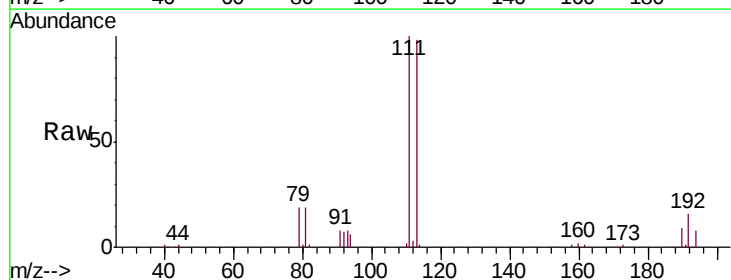


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VV
 Ion 87.90 (87.60 to 88.60): VV

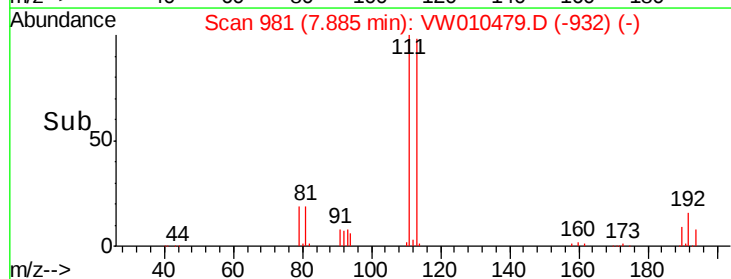
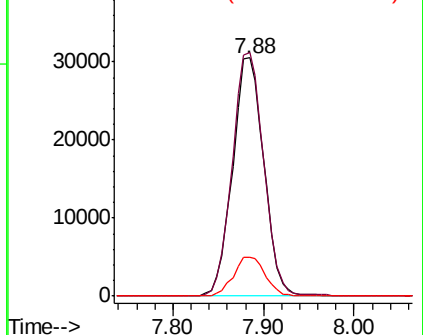


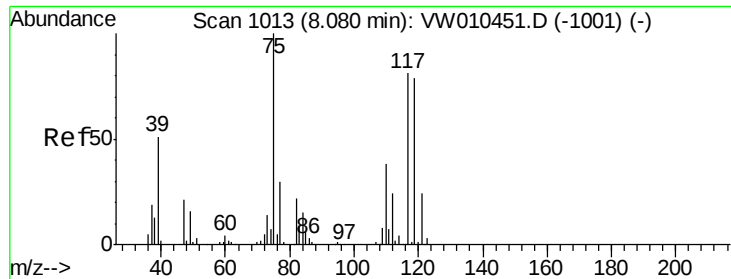
#35
 Dibromofluoromethane
 Concen: 51.511 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010479.D
 Acq: 21 May 2019 11:33

Tgt Ion:113 Resp: 72800
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.2 123.4
 192 16.6 14.3 21.5



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

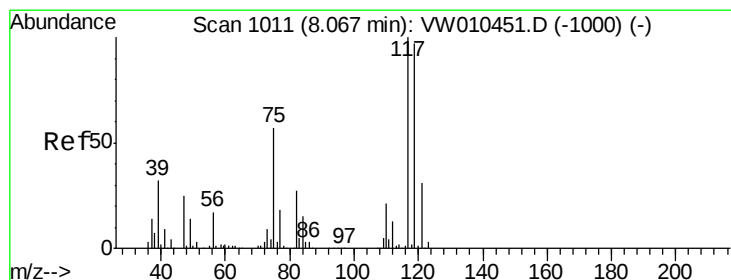
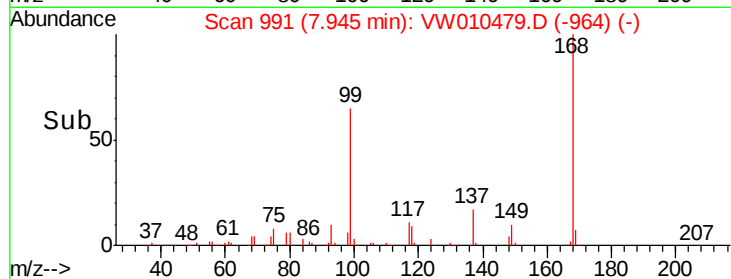
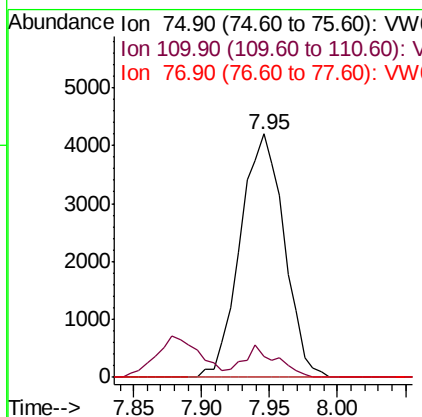
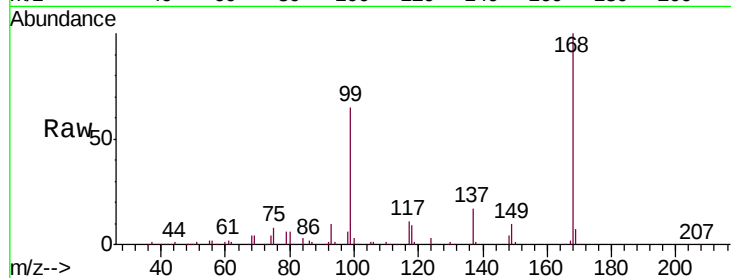




#36
 1,1-Dichloropropene
 Concen: 4.376 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010479.D
 Acq: 21 May 2019 11:33

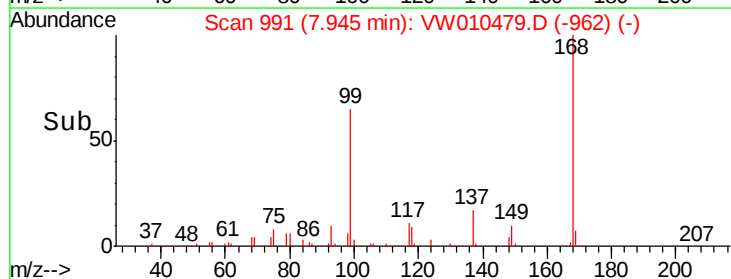
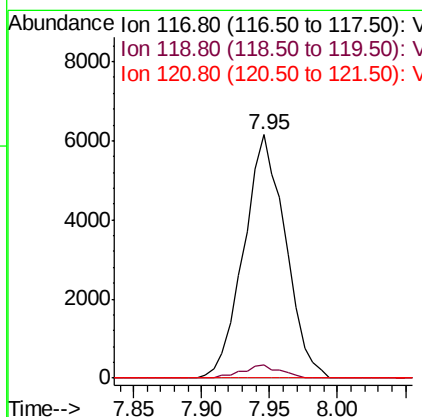
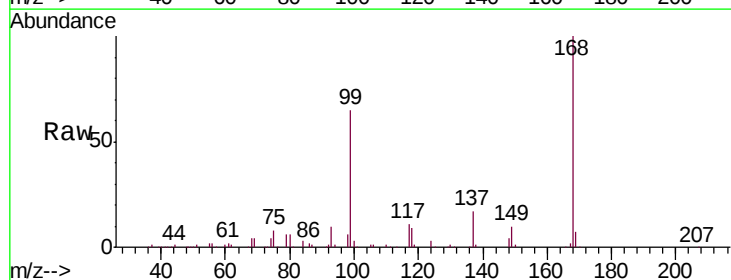
Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-051719

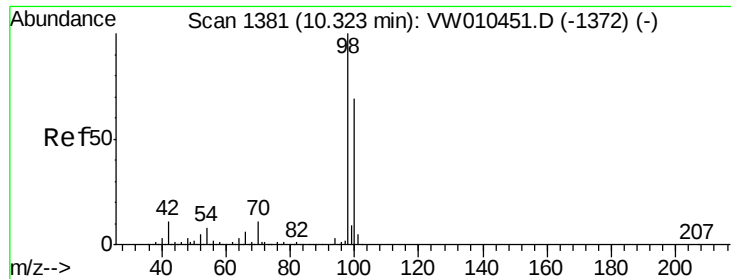
Tgt Ion: 75 Resp: 9494
 Ion Ratio Lower Upper
 75 100
 110 10.2 19.2 57.6#
 77 0.0 25.2 37.8#



#38
 Carbon Tetrachloride
 Concen: 5.637 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW010479.D
 Acq: 21 May 2019 11:33

Tgt Ion: 117 Resp: 13194
 Ion Ratio Lower Upper
 117 100
 119 5.4 77.4 116.0#
 121 0.0 25.0 37.6#





#50

Toluene-d8

Concen: 51.394 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010479.D

Acq: 21 May 2019 11:33

Instrument :

MSVOA_W

ClientSampleId :

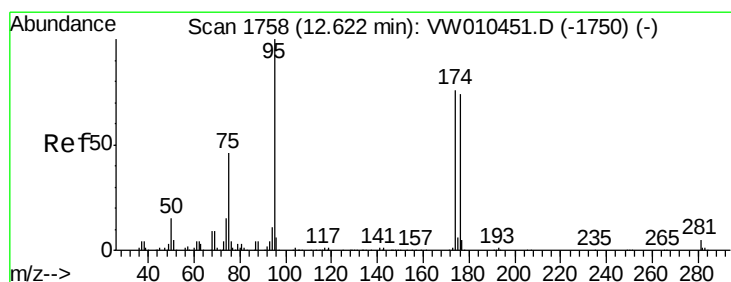
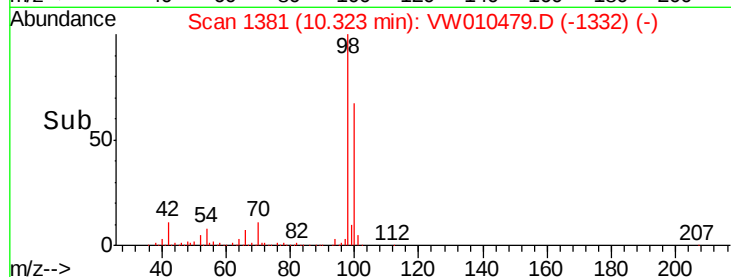
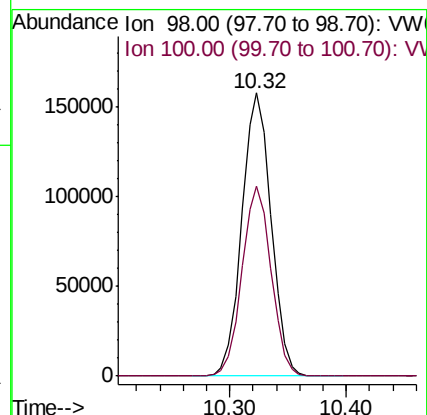
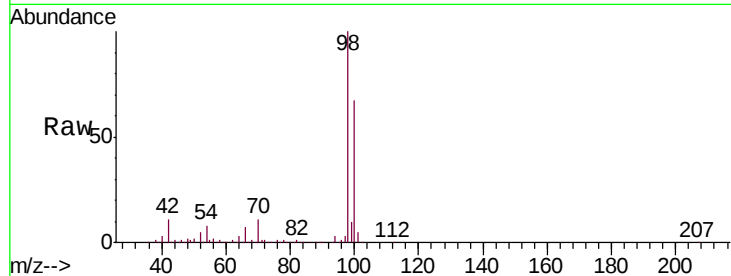
CL-02-051719

Tgt Ion: 98 Resp: 277480

Ion Ratio Lower Upper

98 100

100 66.6 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 41.243 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010479.D

Acq: 21 May 2019 11:33

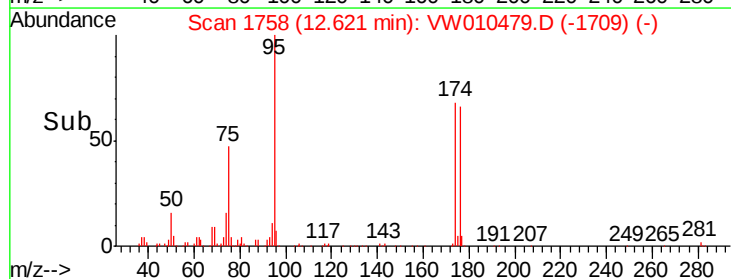
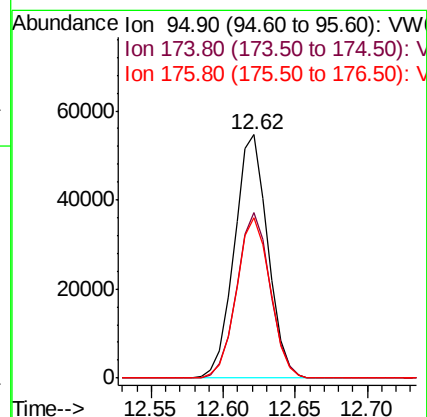
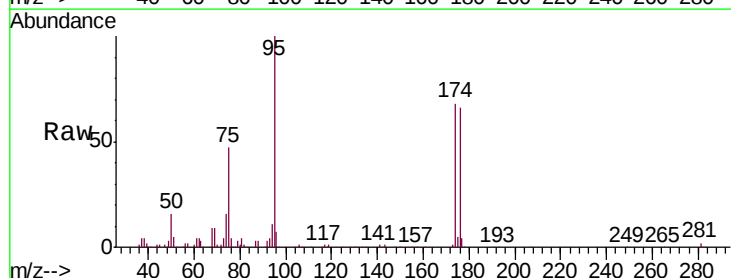
Tgt Ion: 95 Resp: 88694

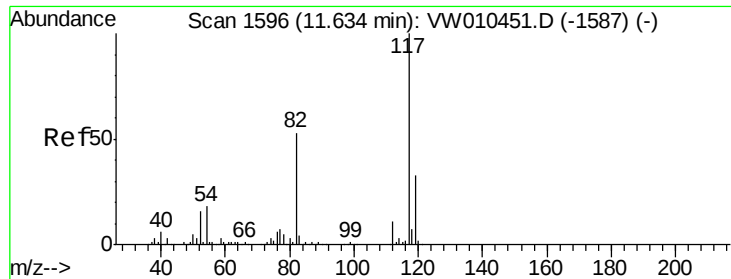
Ion Ratio Lower Upper

95 100

174 67.7 0.0 148.6

176 66.3 0.0 144.2

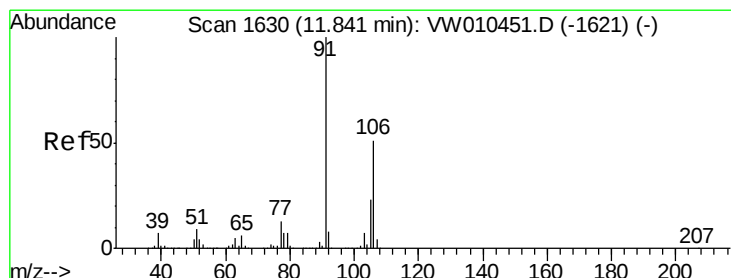
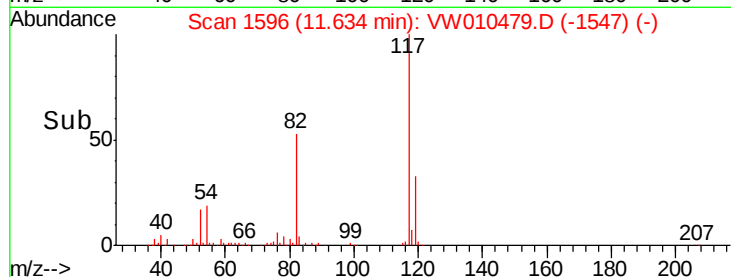
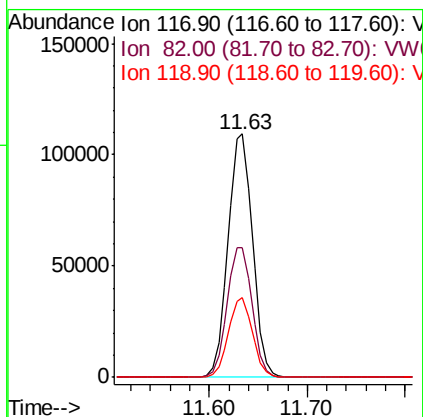
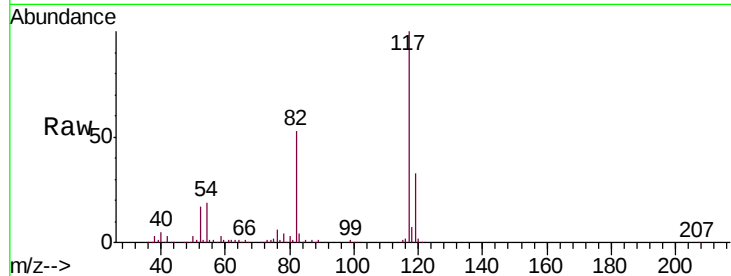




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010479.D
Acq: 21 May 2019 11:33

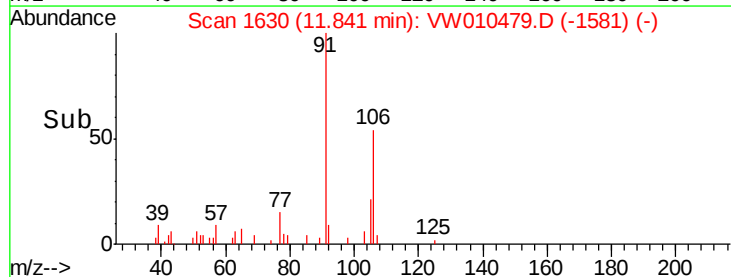
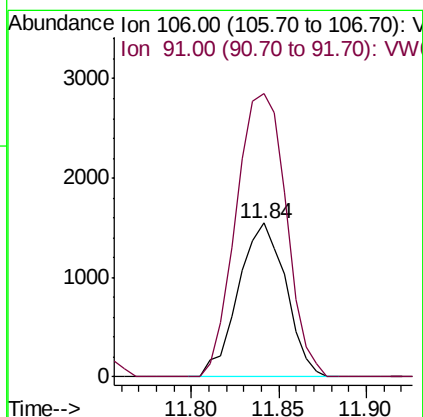
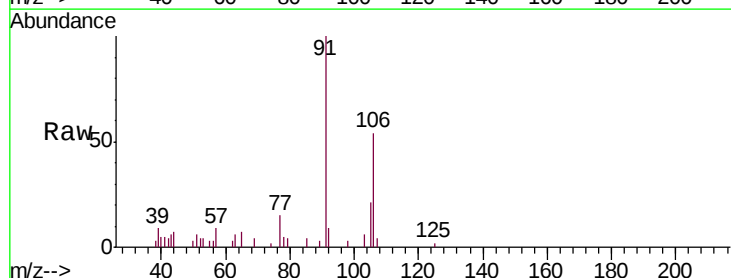
Instrument :
MSVOA_W
ClientSampleId :
CL-02-051719

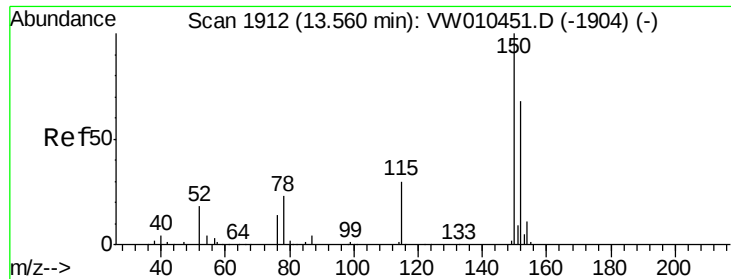
Tgt Ion:117 Resp: 189926
Ion Ratio Lower Upper
117 100
82 53.3 42.8 64.2
119 32.5 26.3 39.5



#68
m/p-Xylenes
Concen: 1.044 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010479.D
Acq: 21 May 2019 11:33

Tgt Ion:106 Resp: 2927
Ion Ratio Lower Upper
106 100
91 194.3 156.0 234.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010479.D

Acq: 21 May 2019 11:33

Instrument :

MSVOA_W

ClientSampleId :

CL-02-051719

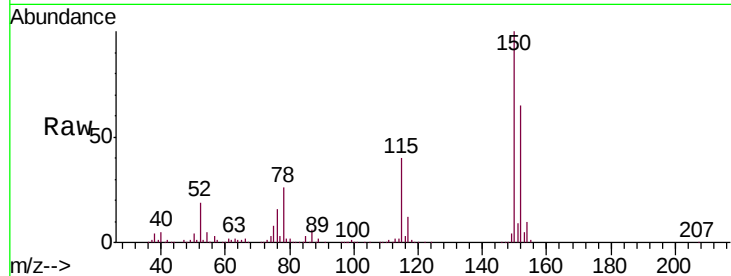
Tgt Ion:152 Resp: 65491

Ion Ratio Lower Upper

152 100

115 63.3 30.3 91.0

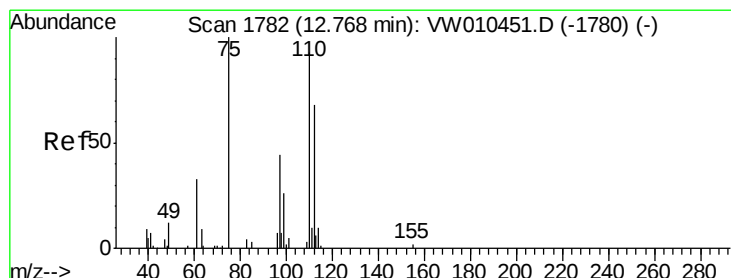
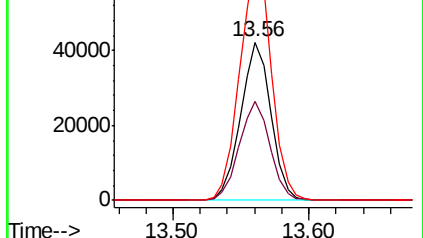
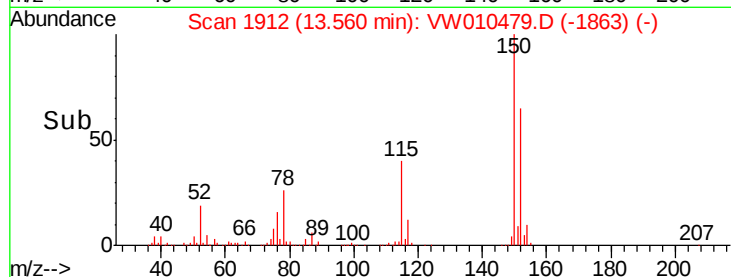
150 156.8 0.0 349.8



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: 63.903 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010479.D

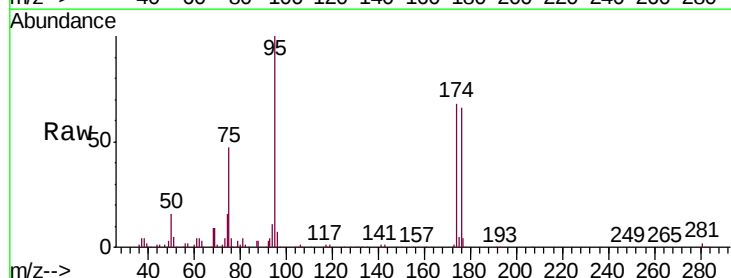
Acq: 21 May 2019 11:33

Tgt Ion: 75 Resp: 42481

Ion Ratio Lower Upper

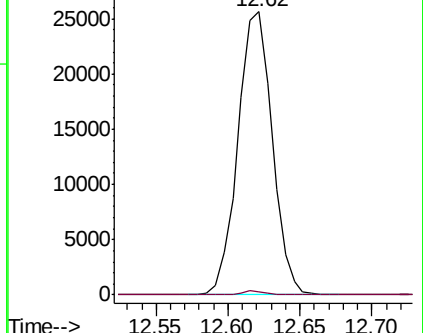
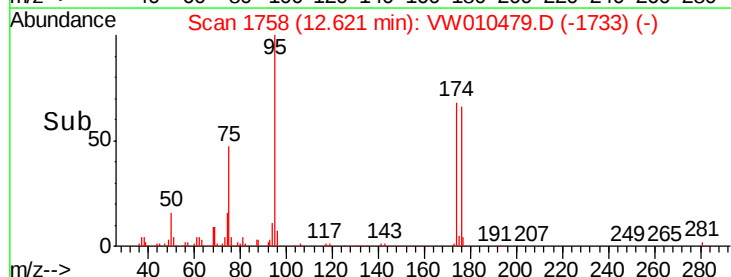
75 100

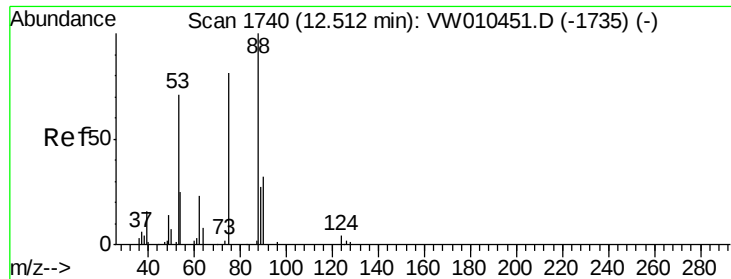
77 1.1 170.0 510.1#



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: 133.367 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010479.D

Acq: 21 May 2019 11:33

Instrument :

MSVOA_W

ClientSampleId :

CL-02-051719

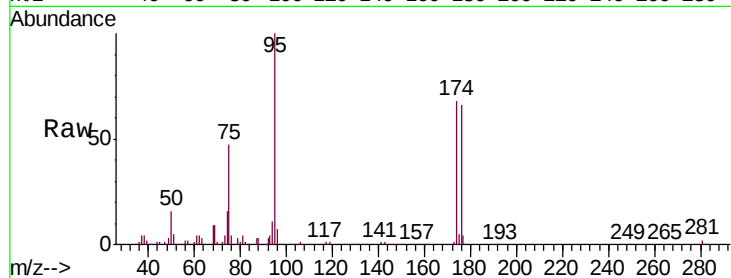
Tgt Ion: 75 Resp: 42481

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 0.1 39.5 59.3#



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

