

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052119\
 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 06:55:11 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

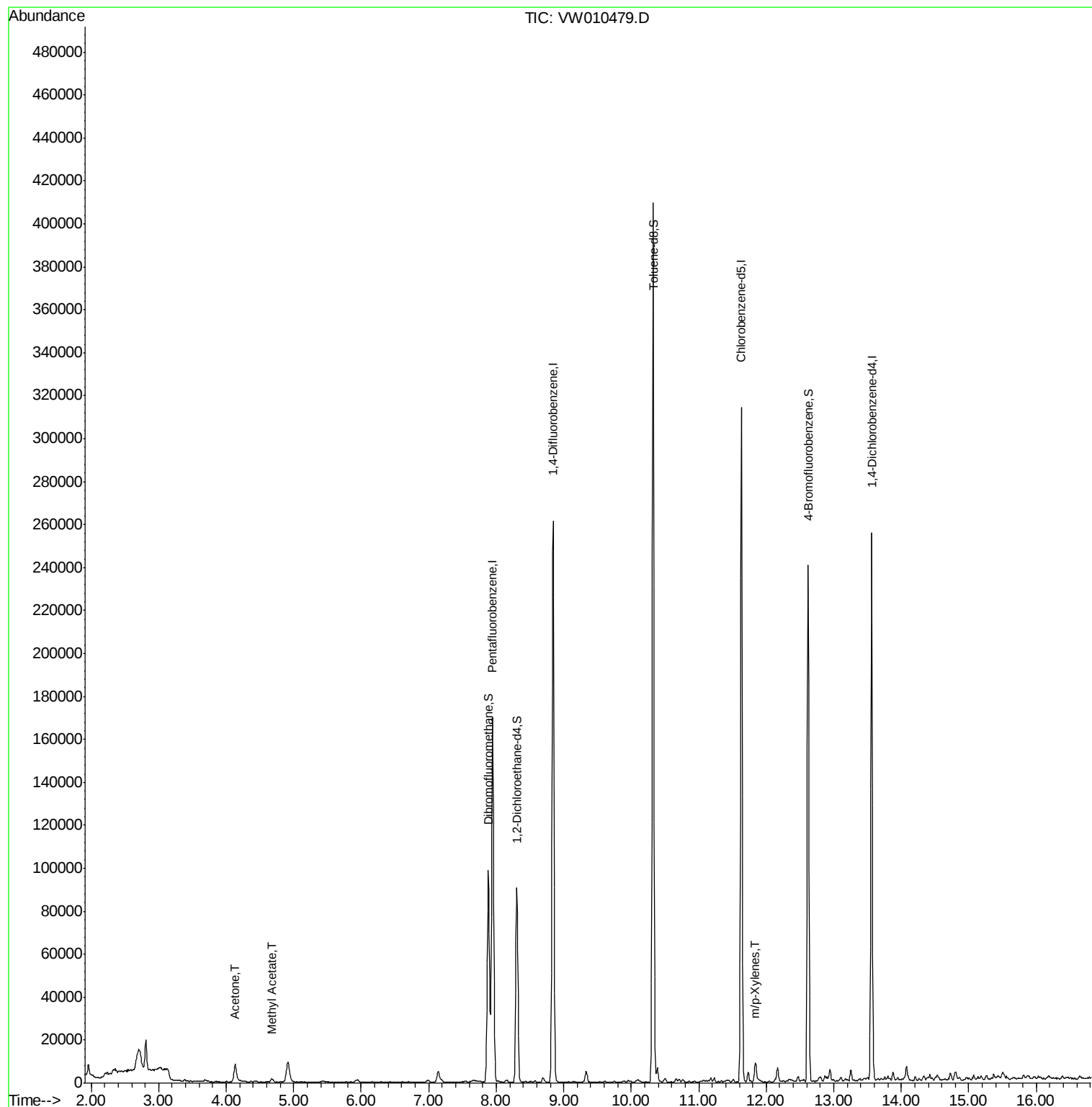
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	122080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	232917	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	189926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	65491	50.00	ug/l	0.00
System Monitoring Compounds						
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						
16) Acetone	4.13	43	14519	56.448	ug/l	95
18) Methyl Acetate	4.68	43	2933	4.663	ug/l #	89
68) m/p-Xylenes	11.84	106	2927	1.044	ug/l	100

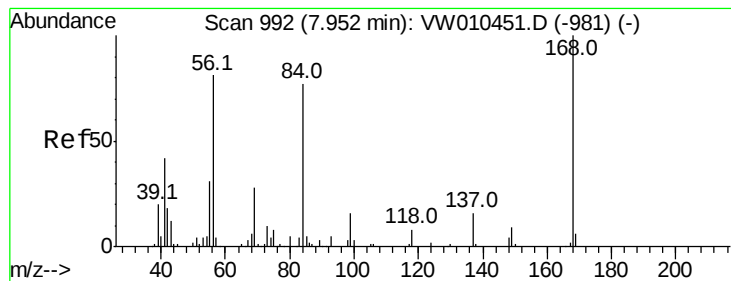
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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 :

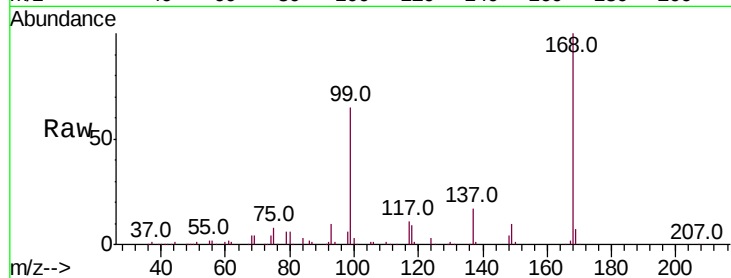
CL-02-051719

Tot Ion:168 Resp: 122080

Ion Ratio Lower Upper

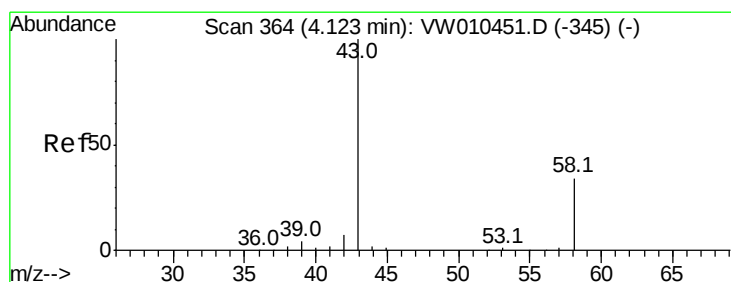
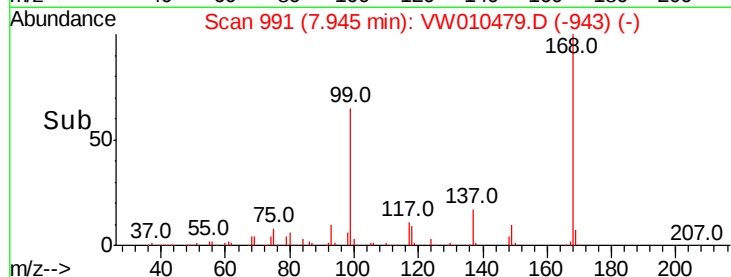
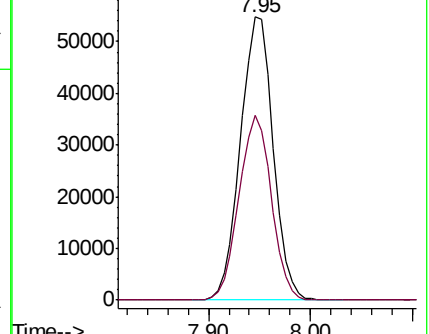
168 100

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



#16

Acetone

Concen: 56.448 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010479.D

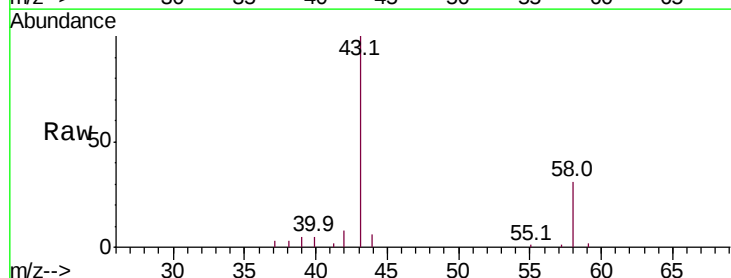
Acq: 21 May 2019 11:33

Tgt Ion: 43 Resp: 14519

Ion Ratio Lower Upper

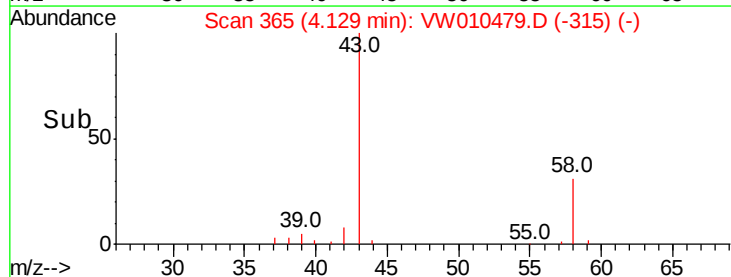
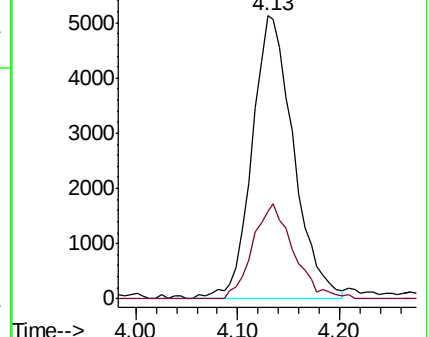
43 100

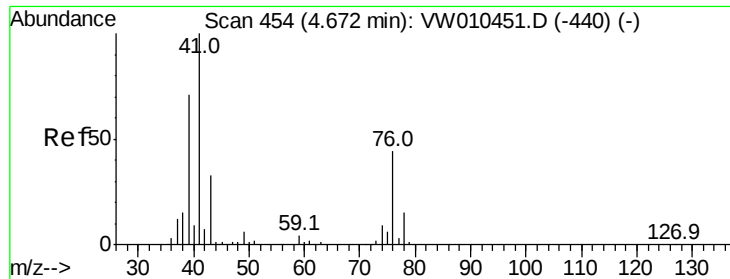
58 30.8 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#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

Instrument :

MSVOA_W

ClientSampled :

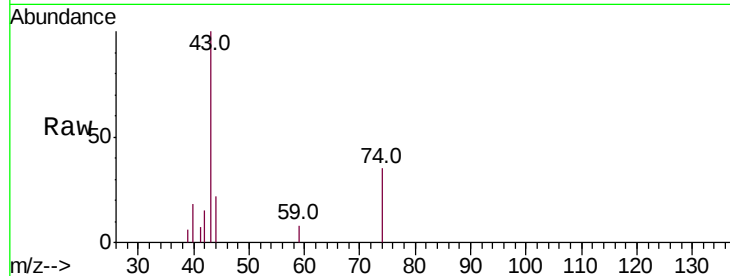
CL-02-051719

Tot Ion: 43 Resp: 2933

Ion Ratio Lower Upper

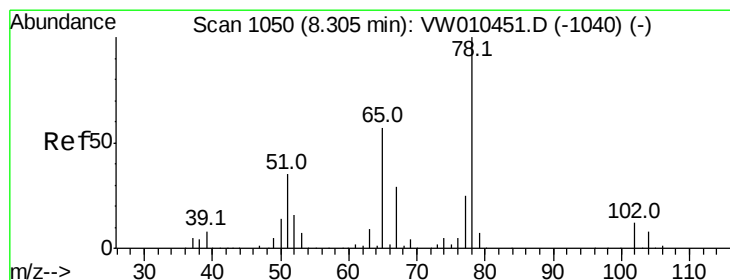
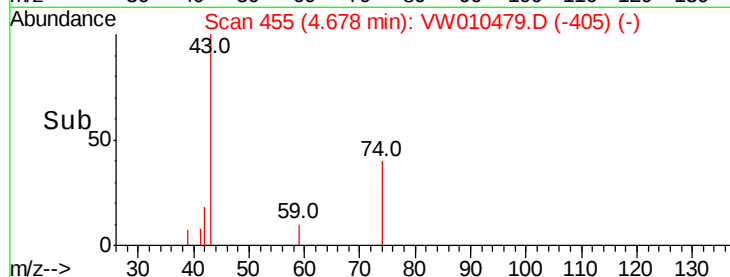
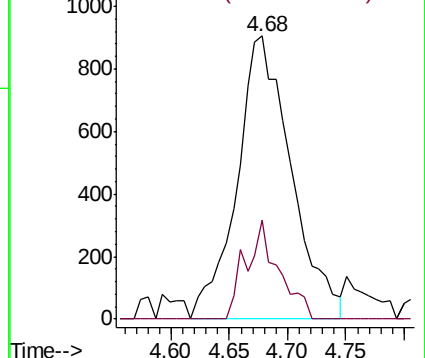
43 100

74 21.2 21.6 32.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): 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

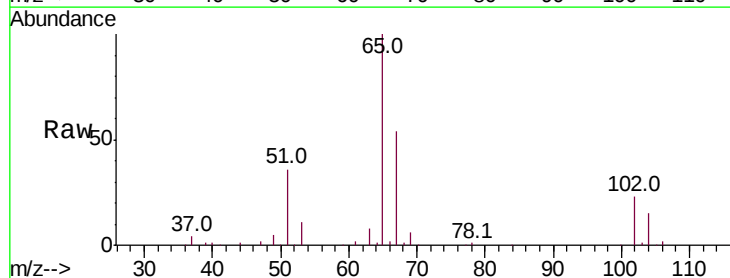
Acq: 21 May 2019 11:33

Tgt Ion: 65 Resp: 71220

Ion Ratio Lower Upper

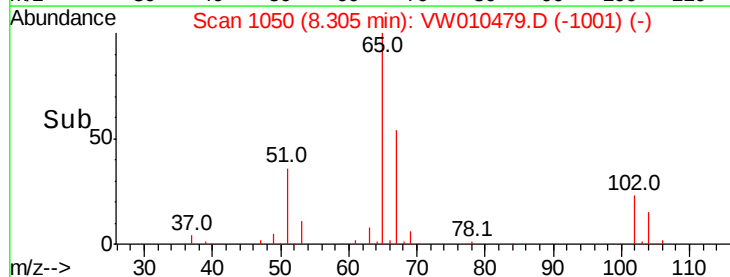
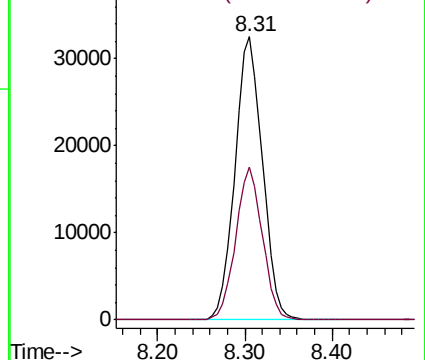
65 100

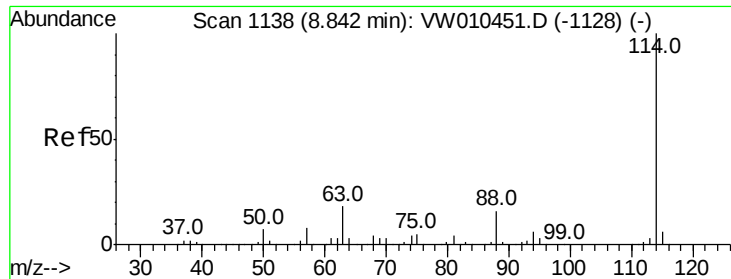
67 52.2 0.0 103.6



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

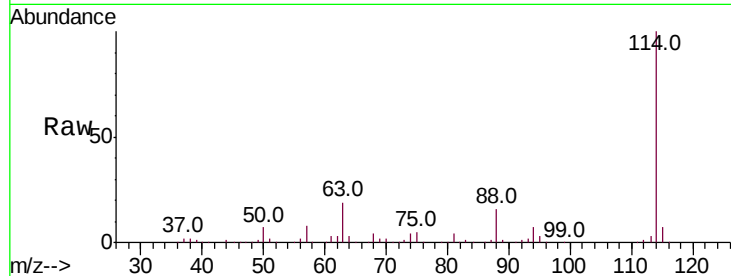
Tot Ion:114 Resp: 232917

Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.0

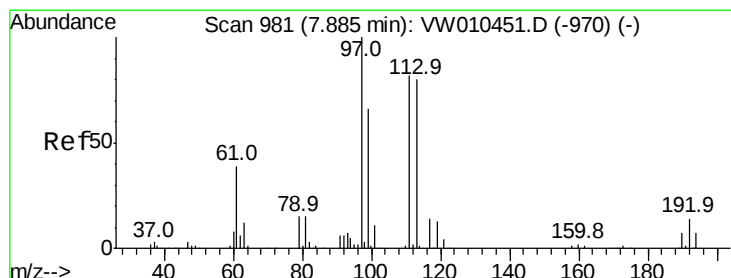
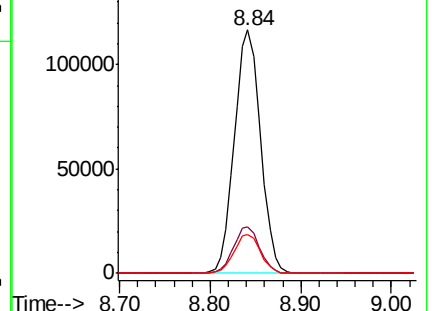
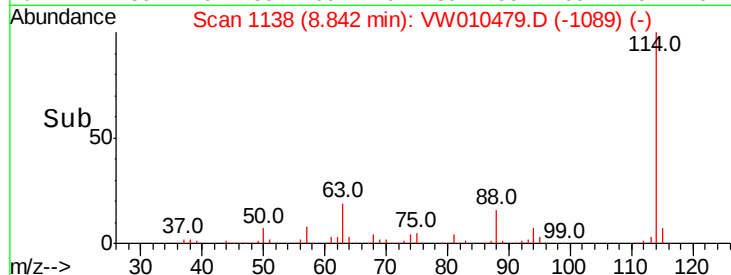
88 16.2 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#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

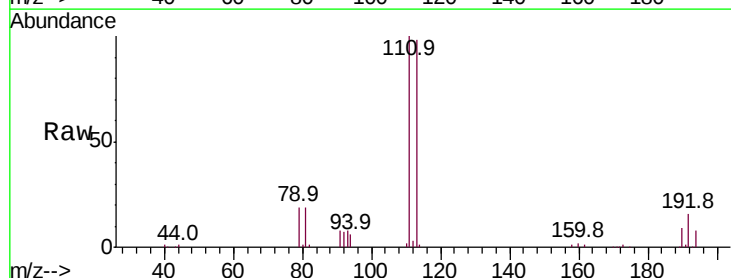
Tgt Ion:113 Resp: 72800

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

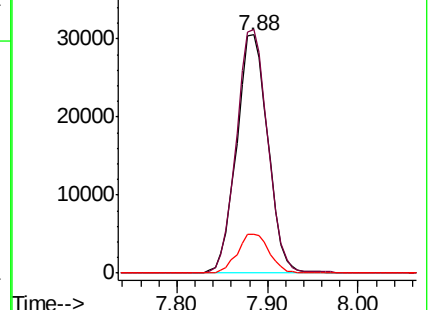
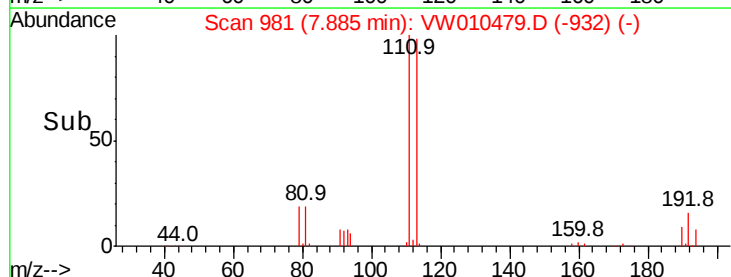
192 16.6 14.3 21.5

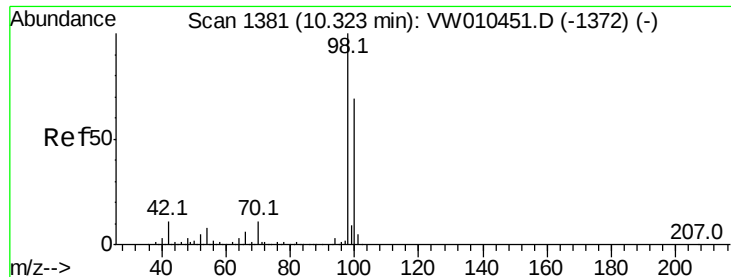


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

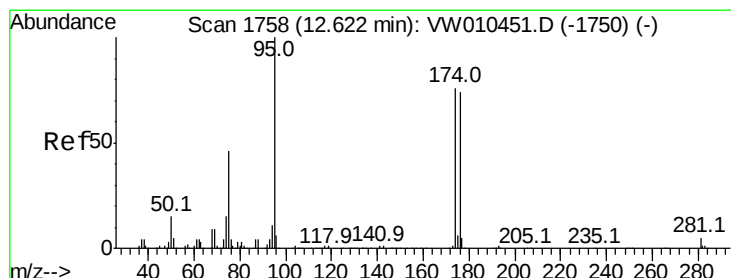
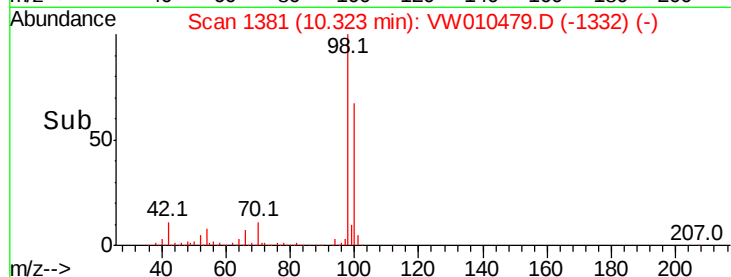
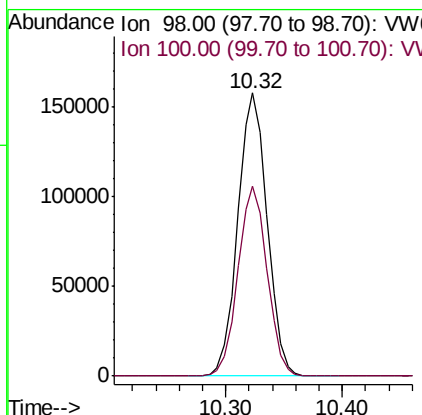
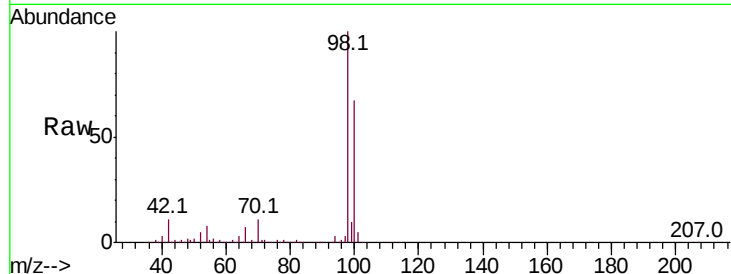




#50
Toluene-d8
Concen: 51.394 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010479.D
Acq: 21 May 2019 11:33

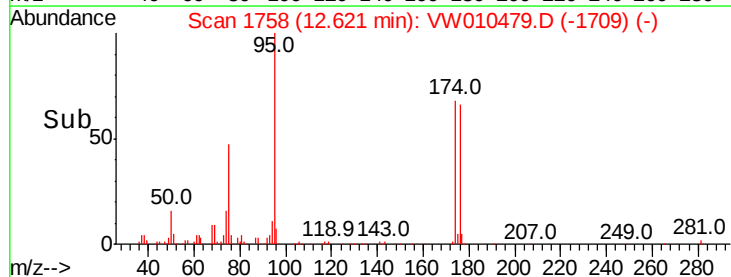
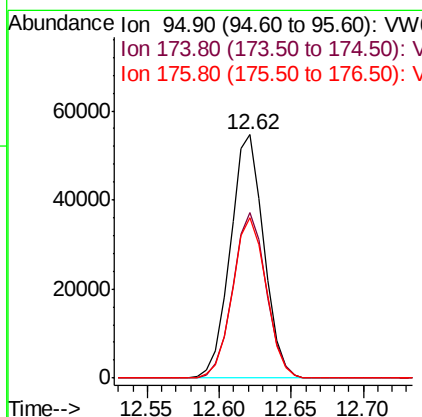
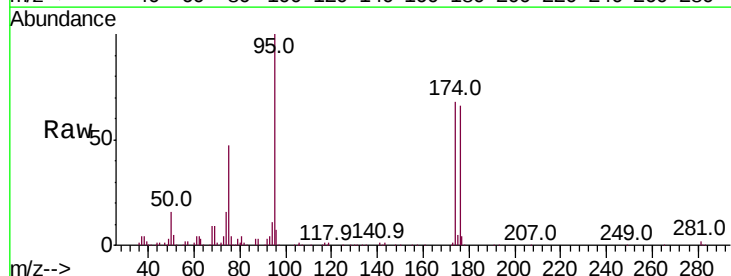
Instrument :
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CL-02-051719

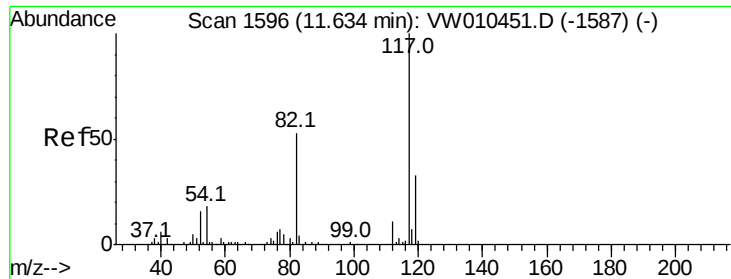
Tot Ion: 98 Resp: 277480
Ion Ratio Lower Upper
98 100
100 66.6 53.7 80.5



#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

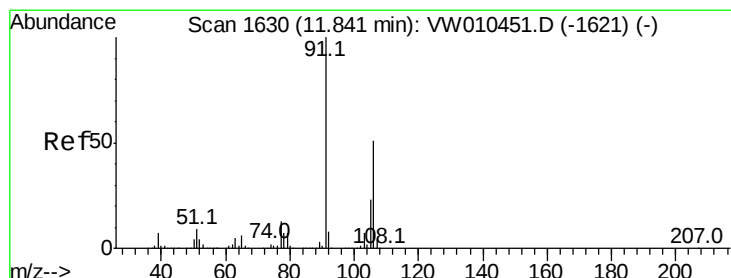
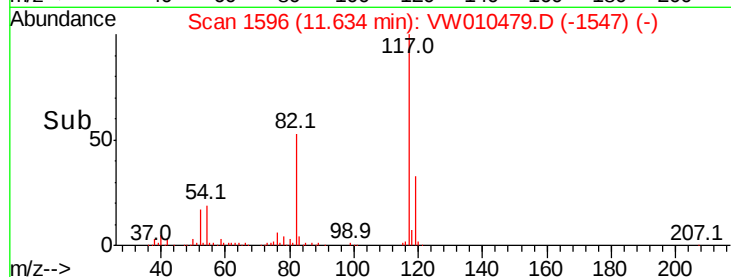
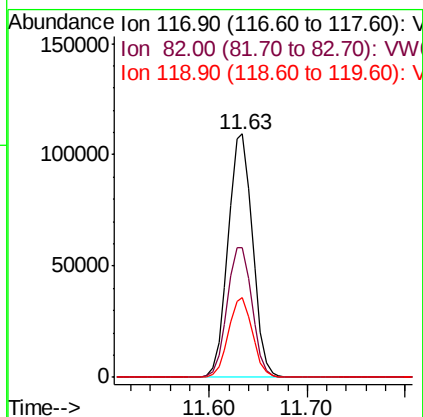
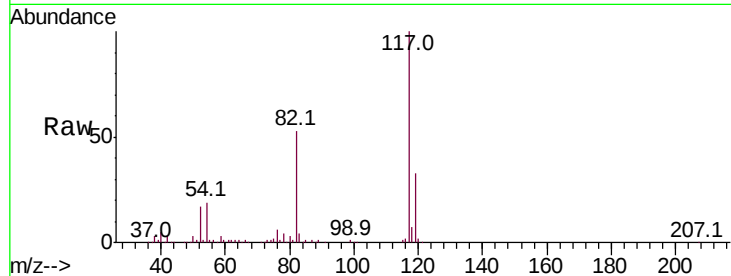




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010479.D
Acq: 21 May 2019 11:33

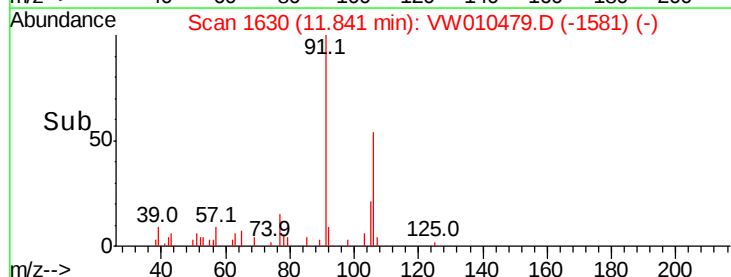
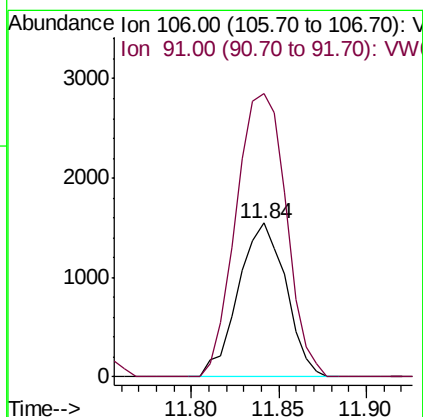
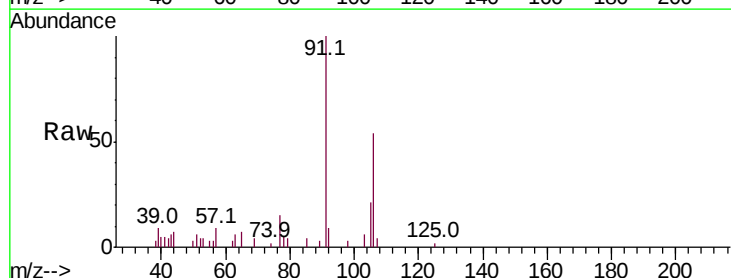
Instrument :
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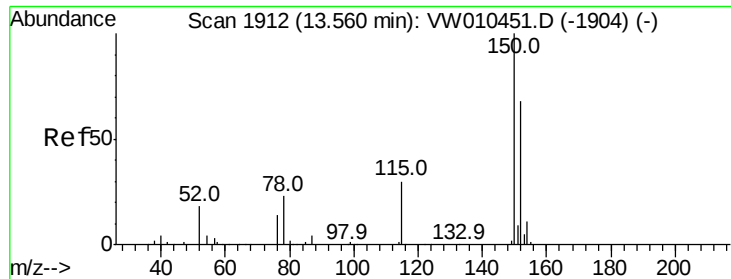
Tot Ion:117 Resp: 189926
Ion Ratio Lower Upper
117 100
82 53.3 42.8 64.2
119 32.5 26.3 39.5



#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

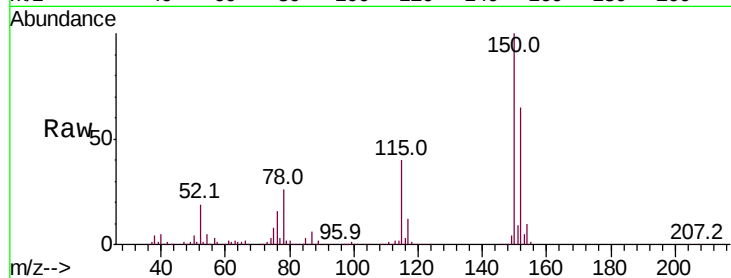
Tot Ion:152 Resp: 65491

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

