

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010320\
 Data File : VW014514.D
 Acq On : 03 Jan 2020 22:09
 Operator : SY/VA
 Sample : K6482-09
 Misc : 6.74G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MC-123119-BD

Quant Time: Jan 06 01:26:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

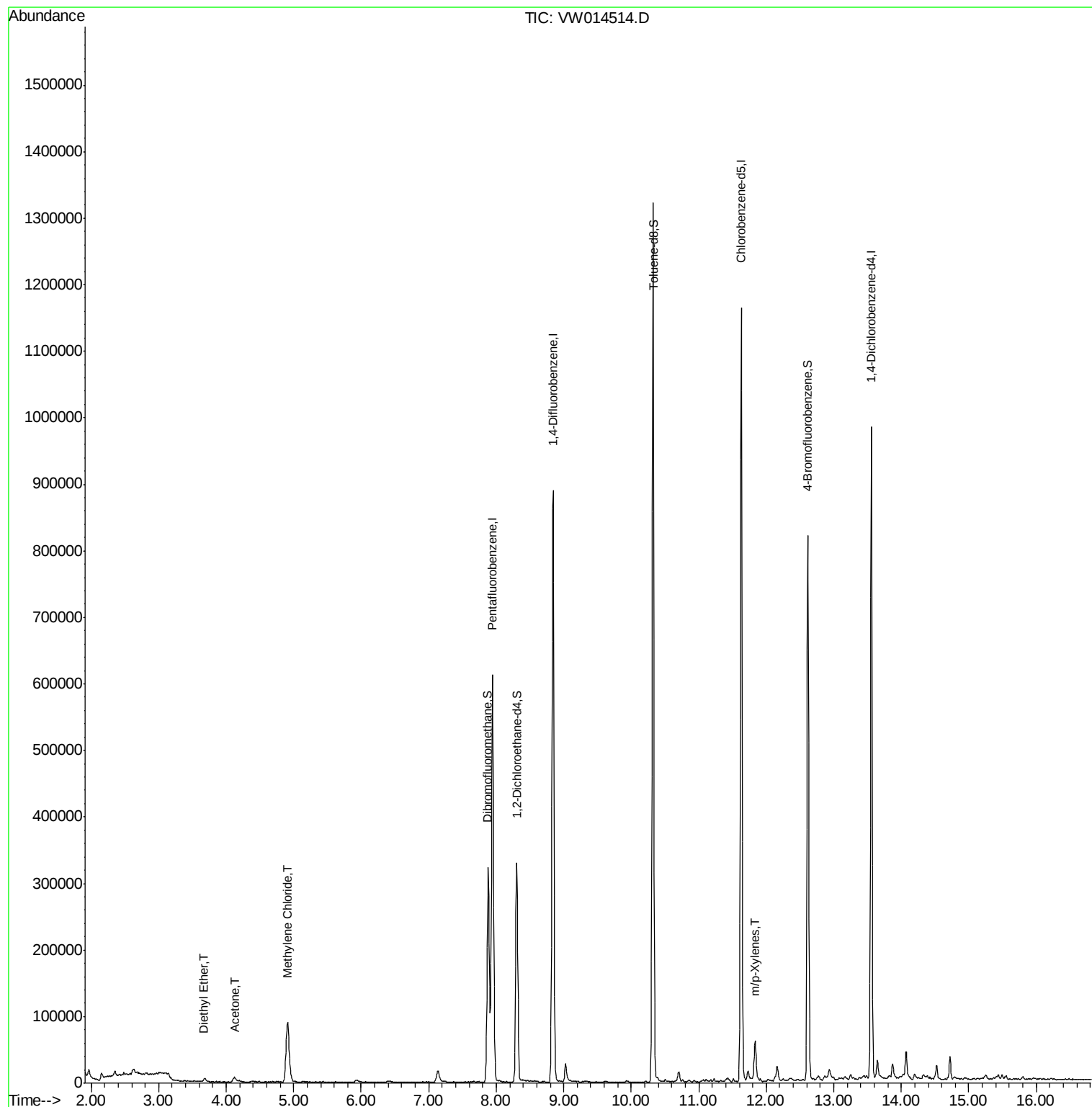
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	481609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	780489	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	661612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	266117	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	253450	60.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.38%	
35) Dibromofluoromethane	7.88	113	235954	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
50) Toluene-d8	10.32	98	884273	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
62) 4-Bromofluorobenzene	12.62	95	267127	42.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.62%	
Target Compounds						
8) Diethyl Ether	3.68	74	2640	1.083	ug/l	79
16) Acetone	4.12	43	15801	13.289	ug/l	95
20) Methylene Chloride	4.91	84	73829	11.910	ug/l	97
68) m/p-Xylenes	11.84	106	17178	1.837	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW014514.D

Acq: 03 Jan 2020 22:09

Instrument :

MSVOA_W

ClientSampleId :

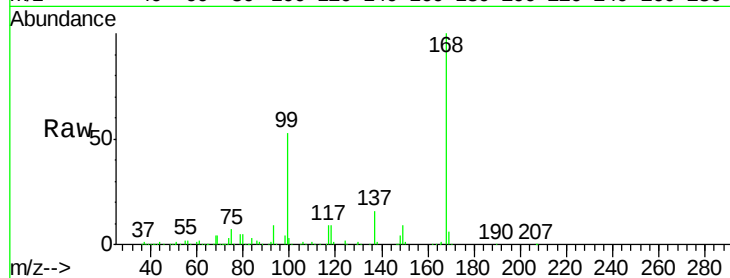
MC-123119-BD

Tot Ion:168 Resp: 481609

Ion Ratio Lower Upper

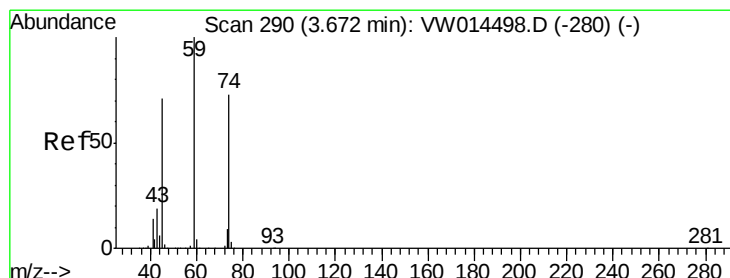
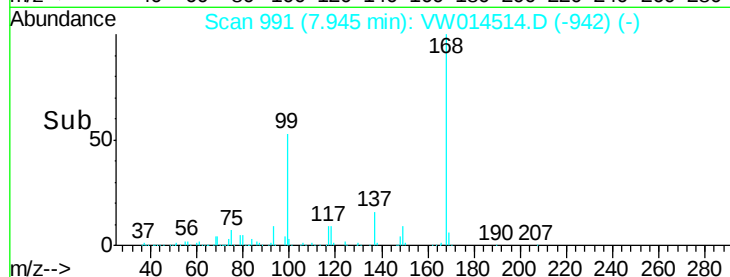
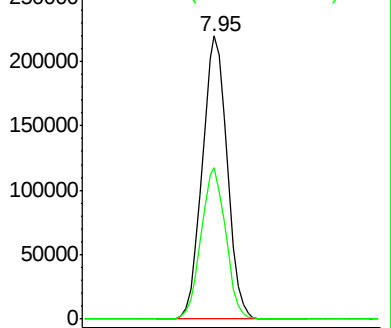
168 100

99 53.3 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.083 ug/l

RT: 3.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VW014514.D

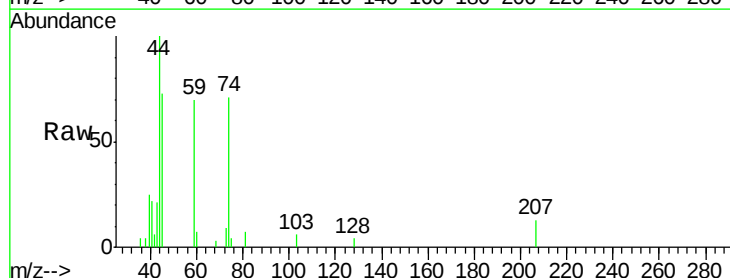
Acq: 03 Jan 2020 22:09

Tgt Ion: 74 Resp: 2640

Ion Ratio Lower Upper

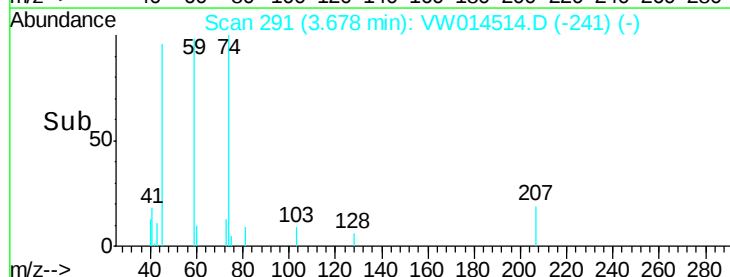
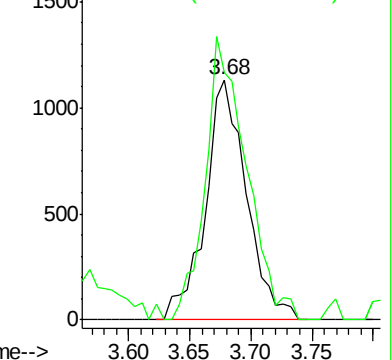
74 100

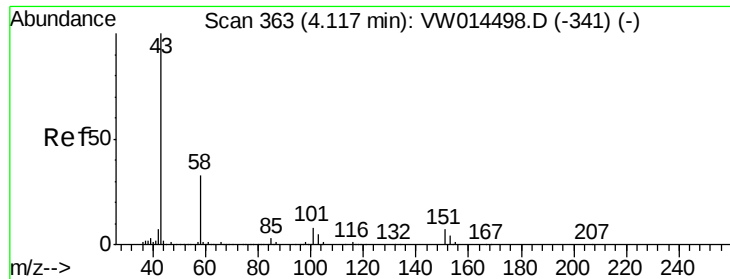
45 117.7 48.6 145.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 13.289 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014514.D

Acq: 03 Jan 2020 22:09

Instrument :

MSVOA_W

ClientSampleId :

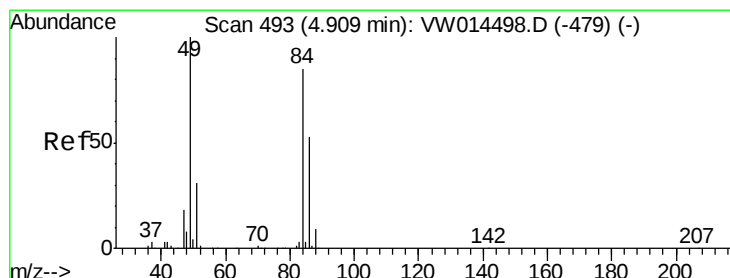
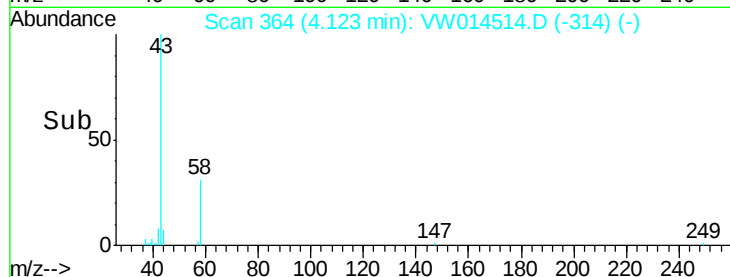
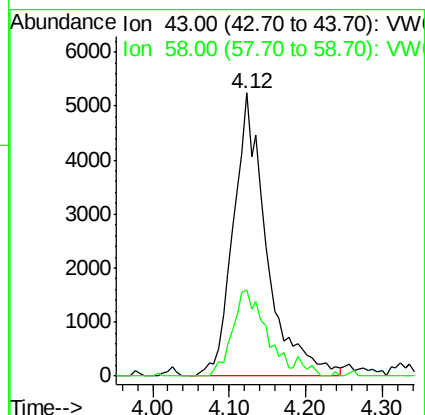
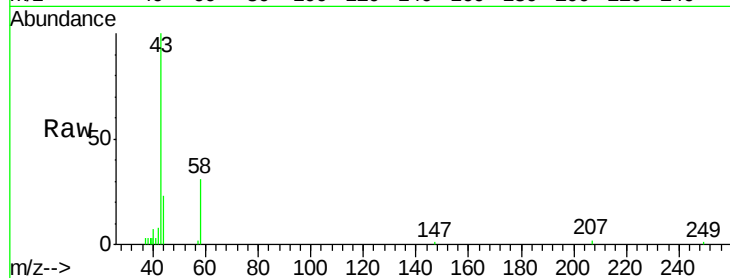
MC-123119-BD

Tot Ion: 43 Resp: 15801

Ion Ratio Lower Upper

43 100

58 30.6 26.6 39.8



#20

Methylene Chloride

Concen: 11.910 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW014514.D

Acq: 03 Jan 2020 22:09

Tgt Ion: 84 Resp: 73829

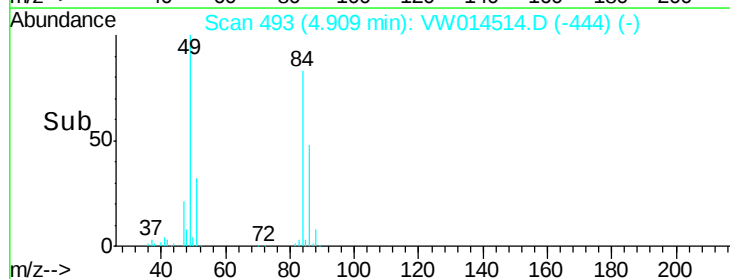
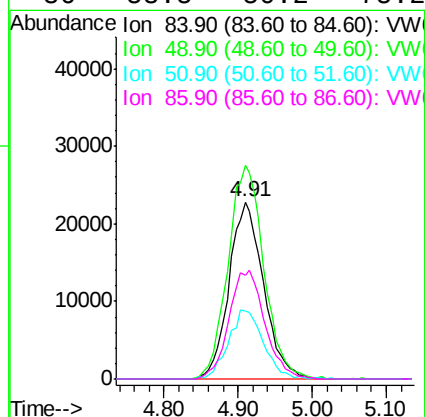
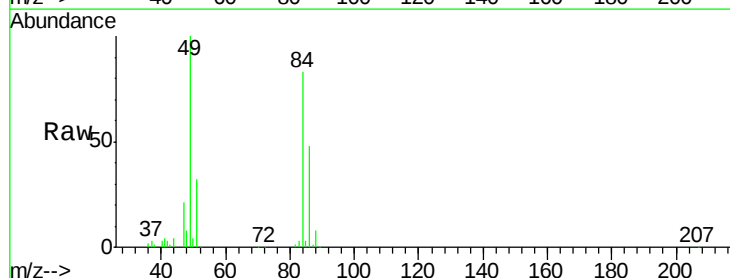
Ion Ratio Lower Upper

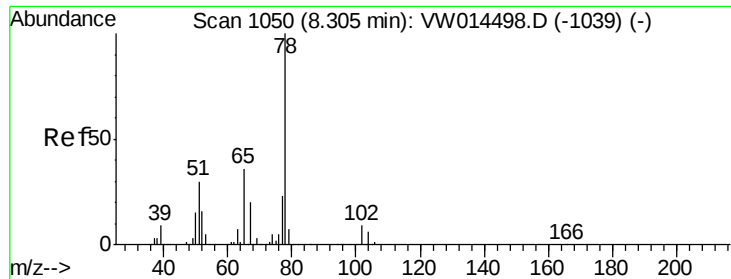
84 100

49 120.8 94.4 141.6

51 38.3 29.5 44.3

86 58.5 50.2 75.2

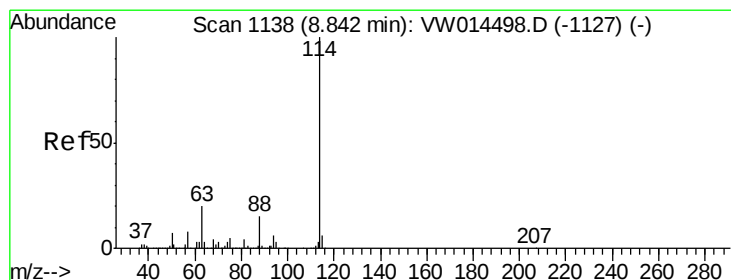
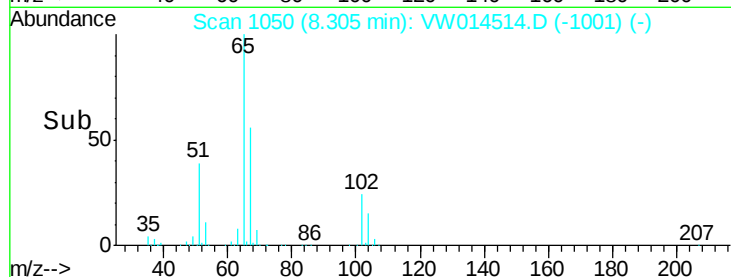
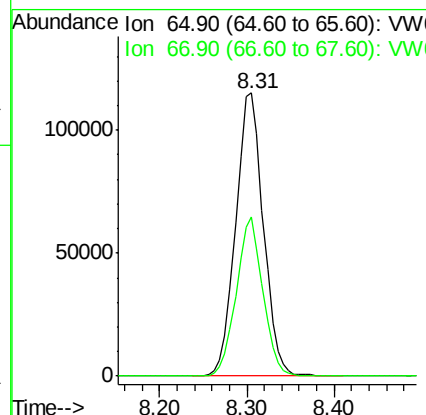
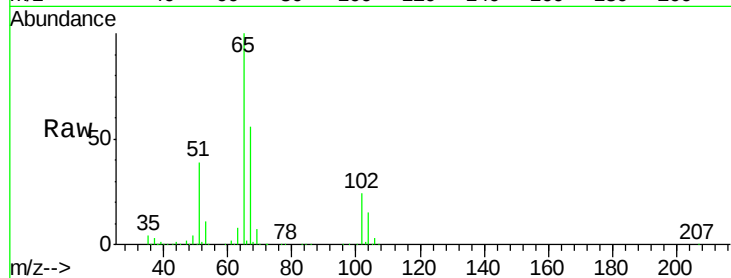




#33
 1,2-Dichloroethane-d4
 Concen: 60.191 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW014514.D
 Acq: 03 Jan 2020 22:09

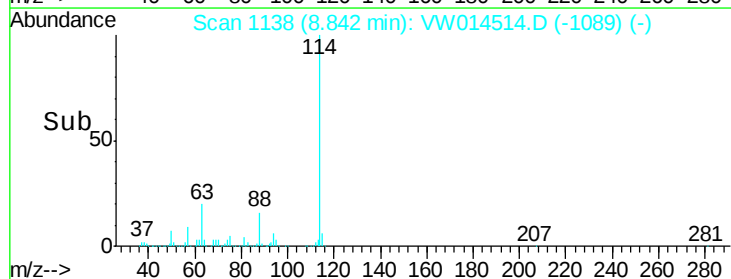
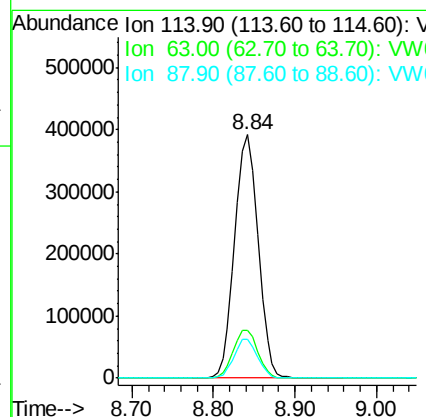
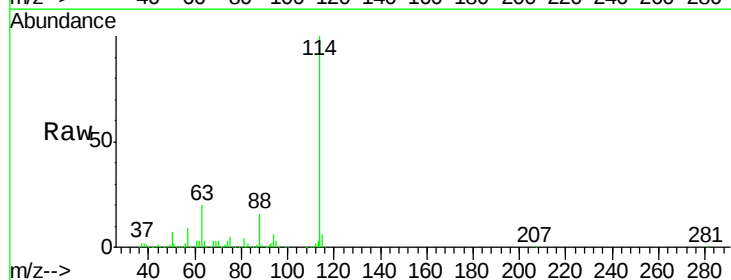
Instrument :
 MSVOA_W
 ClientSampled :
 MC-123119-BD

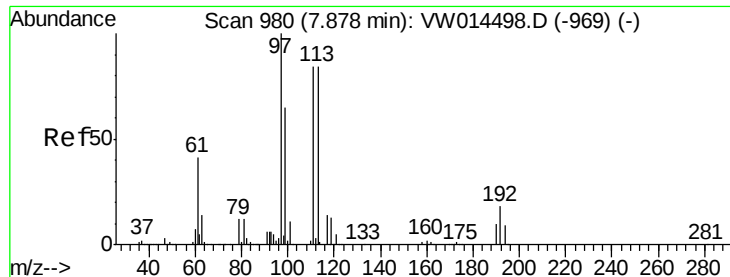
Tot Ion: 65 Resp: 253450
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW014514.D
 Acq: 03 Jan 2020 22:09

Tgt Ion: 114 Resp: 780489
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.4
 88 16.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.897 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW014514.D

Acq: 03 Jan 2020 22:09

Instrument :

MSVOA_W

ClientSampled :

MC-123119-BD

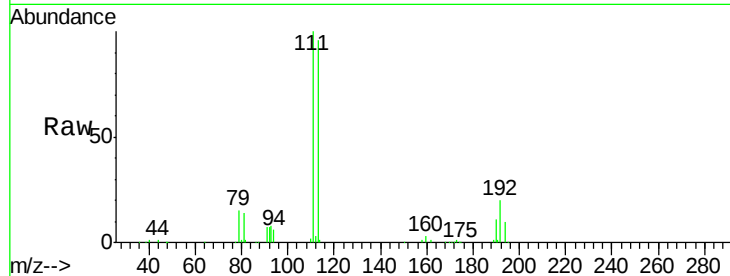
Tot Ion:113 Resp: 235954

Ion Ratio Lower Upper

113 100

111 104.5 81.4 122.2

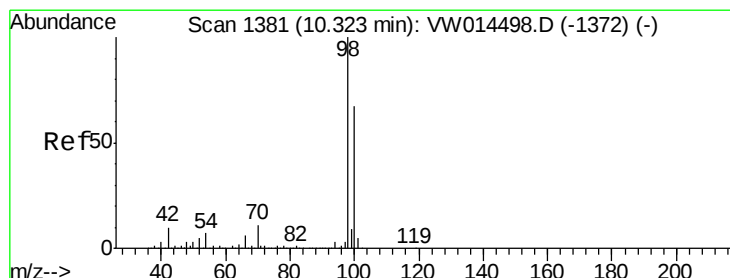
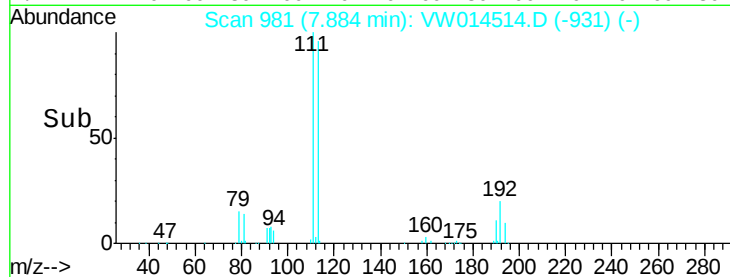
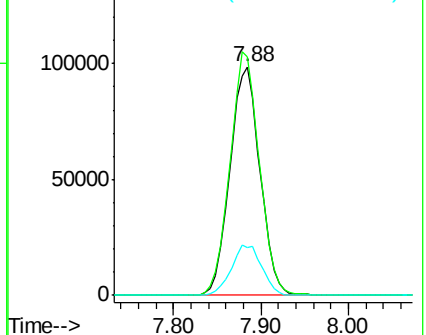
192 22.2 17.8 26.8



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: 47.502 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW014514.D

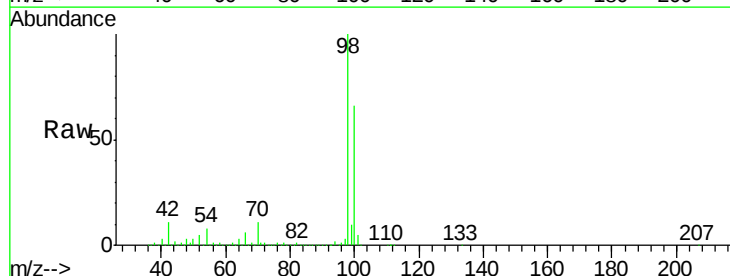
Acq: 03 Jan 2020 22:09

Tgt Ion: 98 Resp: 884273

Ion Ratio Lower Upper

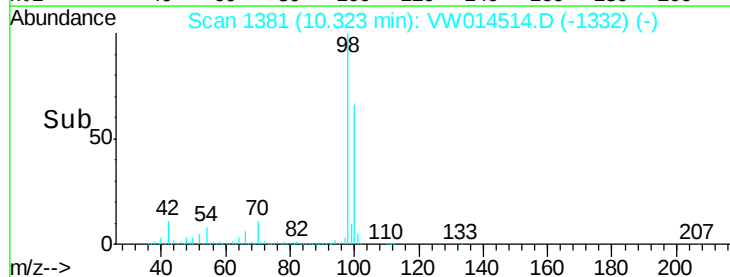
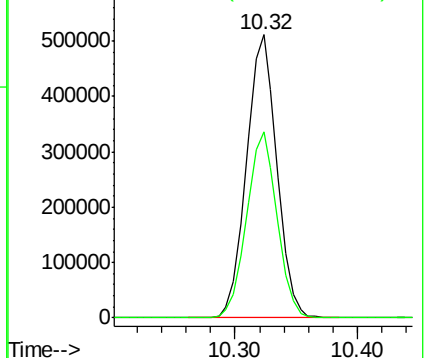
98 100

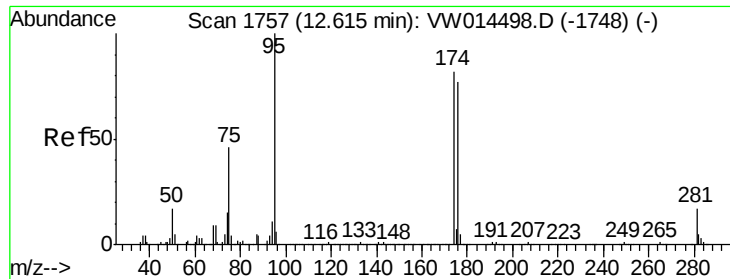
100 65.5 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

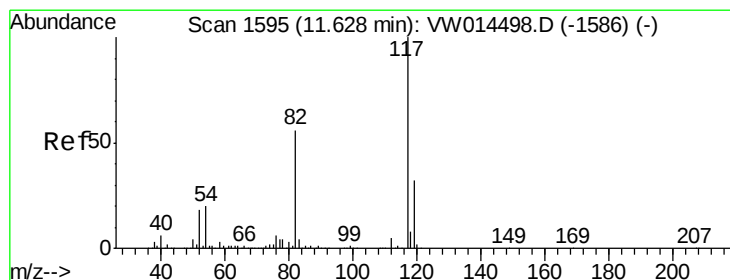
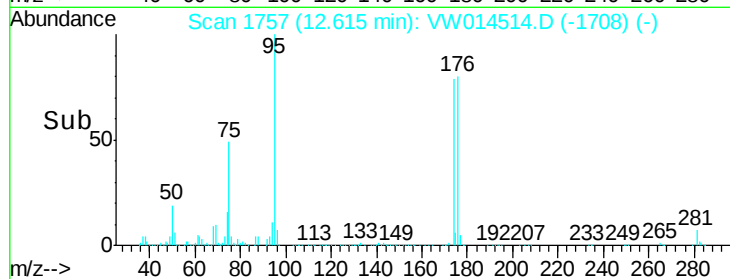
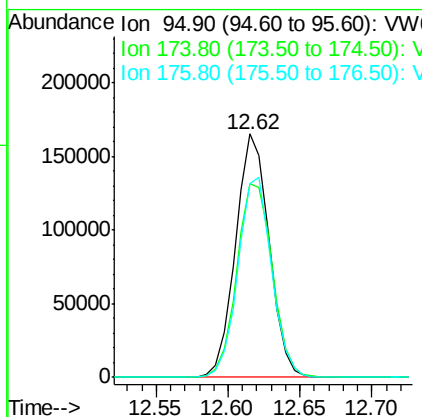
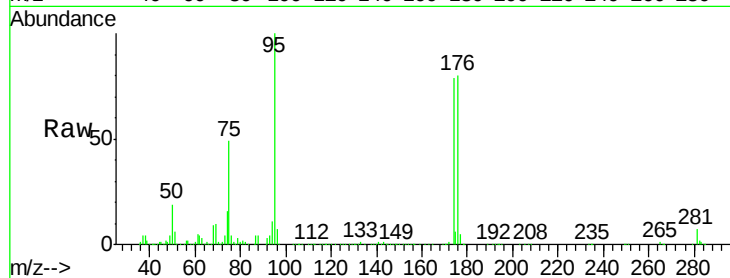




#62
4-Bromofluorobenzene
Concen: 42.306 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW014514.D
Acq: 03 Jan 2020 22:09

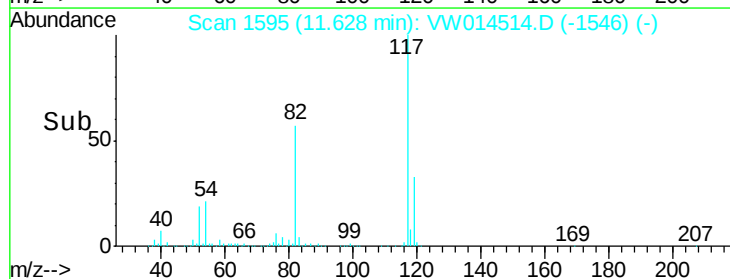
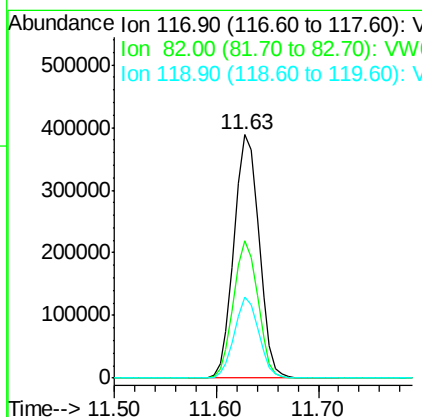
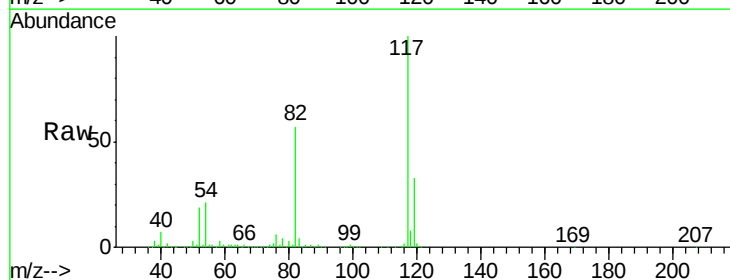
Instrument :
MSVOA_W
ClientSampleId :
MC-123119-BD

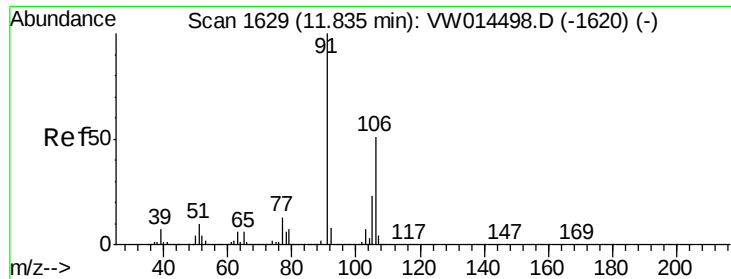
Tot Ion	95	Resp	267127
Ion Ratio	Lower	Upper	
95	100		
174	84.3	0.0	168.6
176	82.1	0.0	162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014514.D
Acq: 03 Jan 2020 22:09

Tgt Ion	117	Resp	661612
Ion Ratio	Lower	Upper	
117	100		
82	56.5	44.6	67.0
119	33.1	25.7	38.5

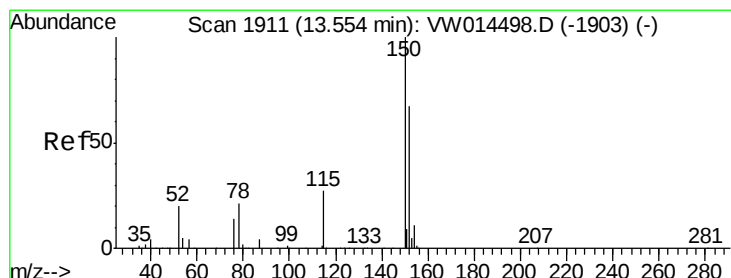
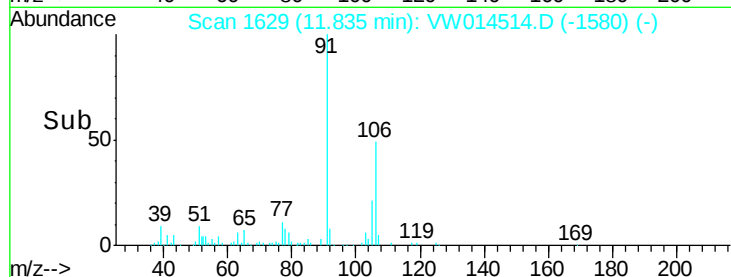
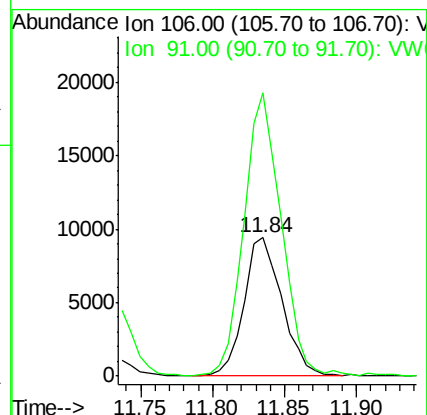
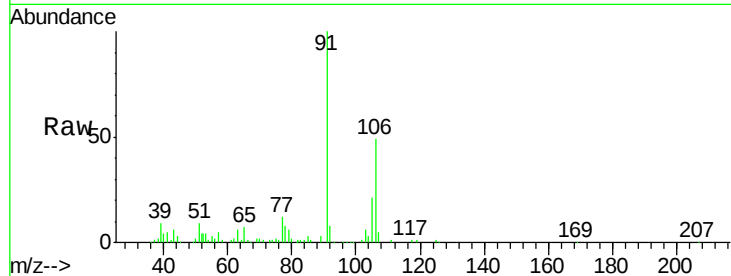




#68
m/p-Xvlenes
Concen: 1.837 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW014514.D
Acq: 03 Jan 2020 22:09

Instrument :
MSVOA_W
ClientSampleId :
MC-123119-BD

Tot Ion:106 Resp: 17178
Ion Ratio Lower Upper
106 100
91 201.4 159.0 238.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW014514.D
Acq: 03 Jan 2020 22:09

Tgt Ion:152 Resp: 266117
Ion Ratio Lower Upper
152 100
115 57.0 27.7 83.1
150 158.3 0.0 343.4

