

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100319\
 Data File : VW013419.D
 Acq On : 03 Oct 2019 15:19
 Operator : SY/VA
 Sample : K5127-02RE
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 20190762-SS-COMP-2RE

Quant Time: Oct 04 09:37:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

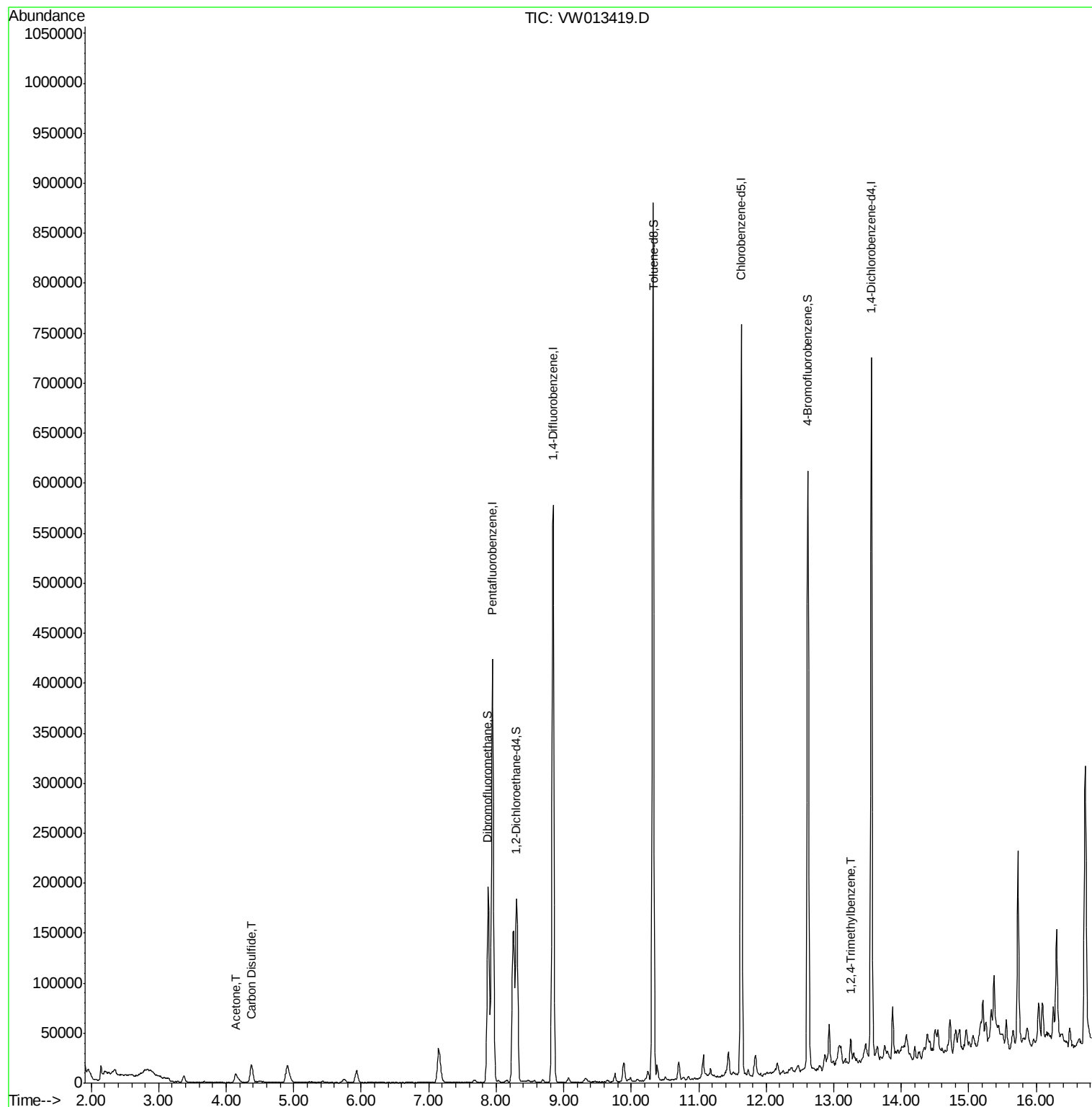
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	354788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	522756	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	444190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	204232	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	143688	54.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.48%	
35) Dibromofluoromethane	7.88	113	145973	53.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.44%	
50) Toluene-d8	10.32	98	610588	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.28%	
62) 4-Bromofluorobenzene	12.62	95	198045	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
Target Compounds						
16) Acetone	4.14	43	18327	22.570	ug/l	100
17) Carbon Disulfide	4.37	76	42677	4.684	ug/l	99
49) 1,4-Dioxane	9.68	88	26	Below Cal	#	8
84) 1,2,4-Trimethylbenzene	13.25	105	15732	1.275	ug/l	97

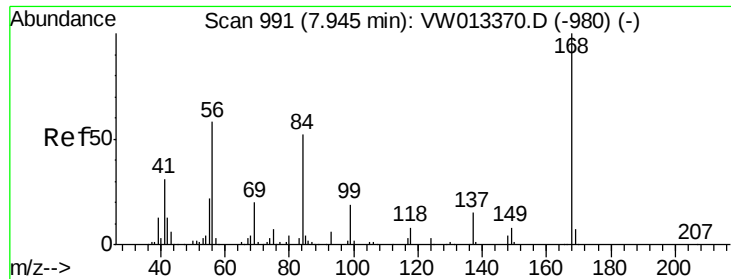
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013419.D

Acq: 03 Oct 2019 15:19

Instrument :

MSVOA_W

ClientSampleId :

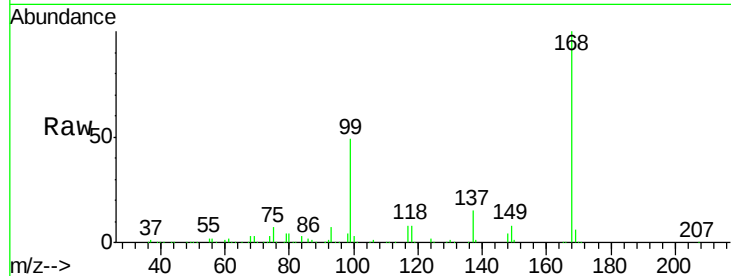
20190762-SS-COMP-2RE

Tot Ion:168 Resp: 354788

Ion Ratio Lower Upper

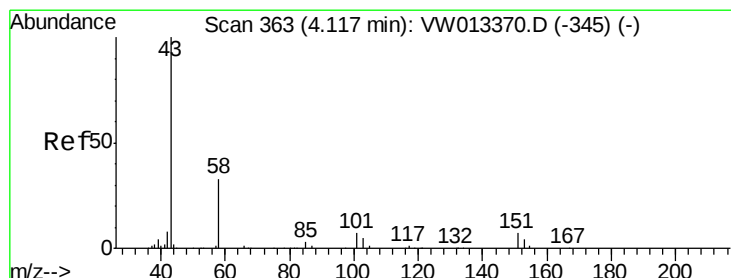
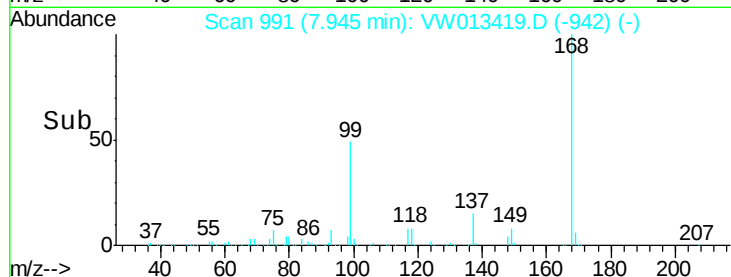
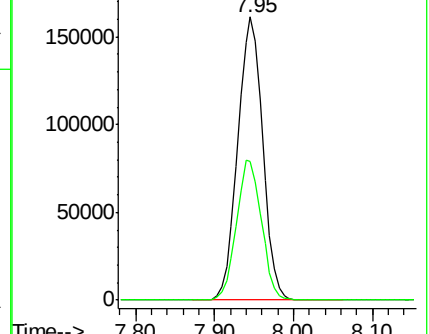
168 100

99 49.1 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 22.570 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW013419.D

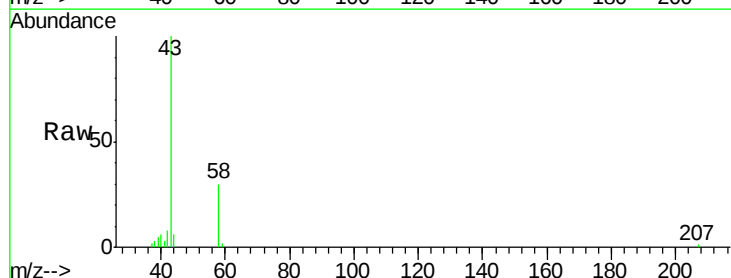
Acq: 03 Oct 2019 15:19

Tgt Ion: 43 Resp: 18327

Ion Ratio Lower Upper

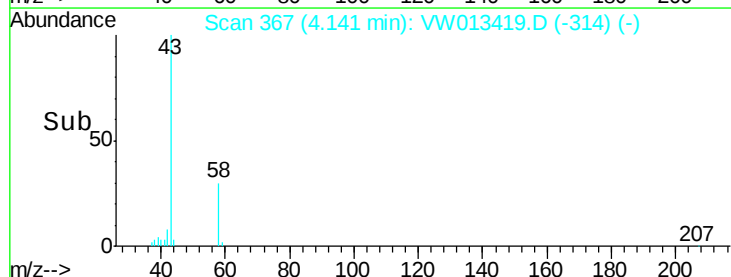
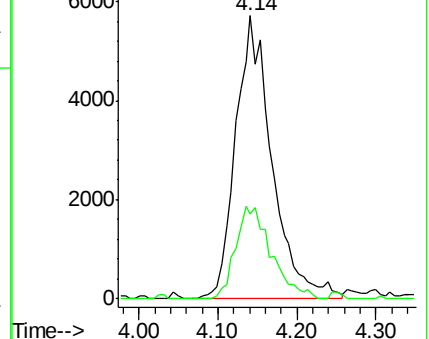
43 100

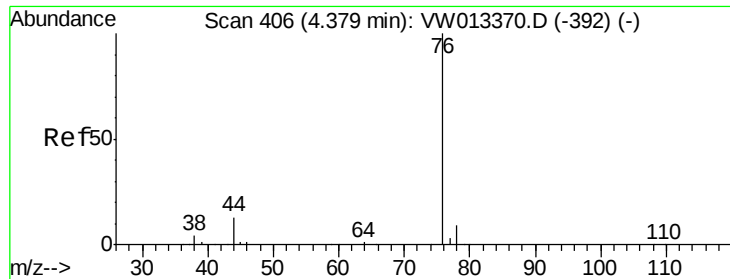
58 30.2 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 4.684 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW013419.D

Acq: 03 Oct 2019 15:19

Instrument :

MSVOA_W

ClientSampleId :

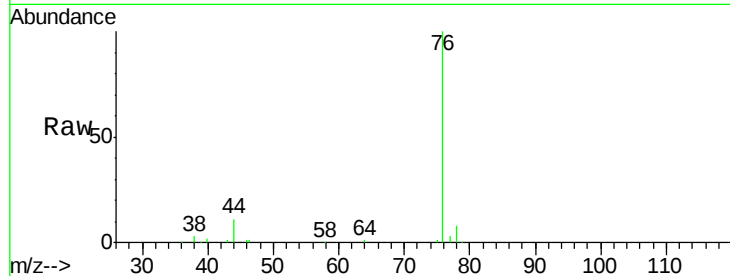
20190762-SS-COMP-2RE

Tot Ion: 76 Resp: 42677

Ion Ratio Lower Upper

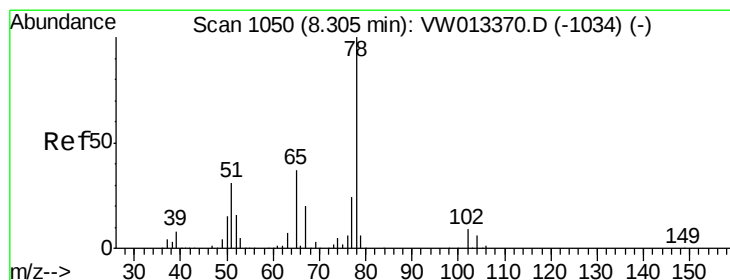
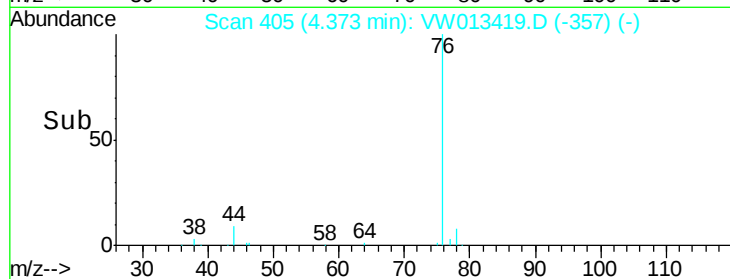
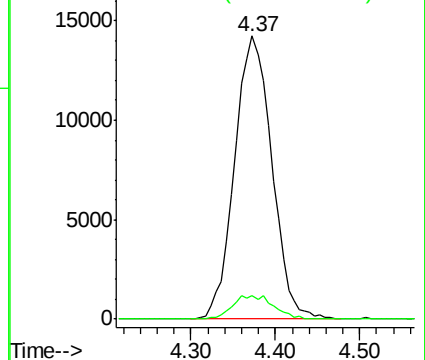
76 100

78 8.4 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#33

1,2-Dichloroethane-d4

Concen: 54.240 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013419.D

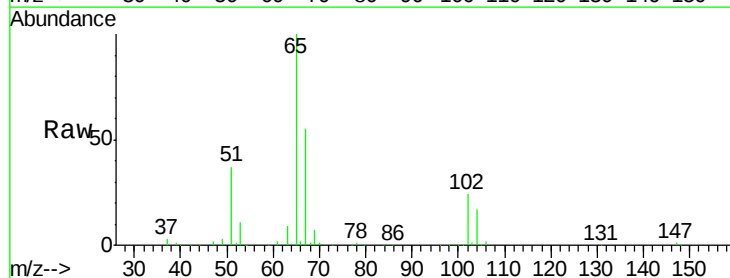
Acq: 03 Oct 2019 15:19

Tgt Ion: 65 Resp: 143688

Ion Ratio Lower Upper

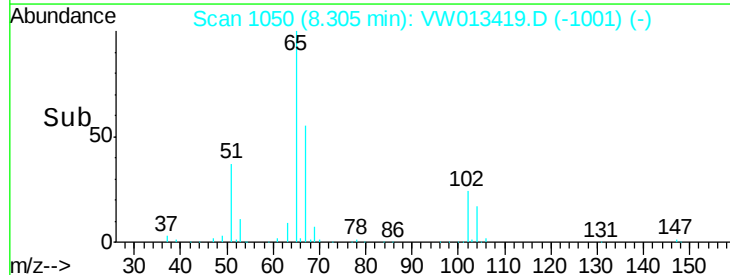
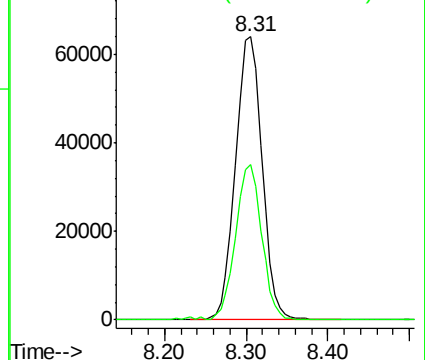
65 100

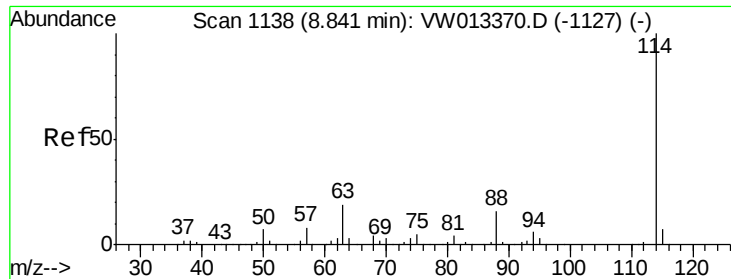
67 54.0 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

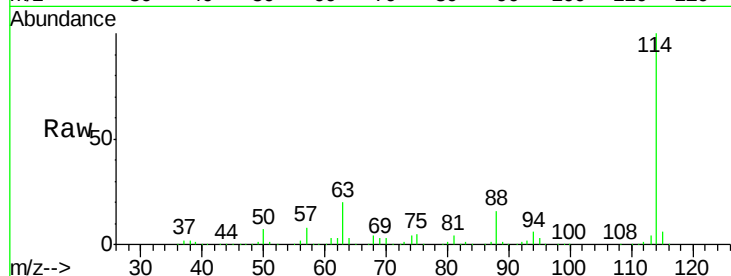




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013419.D
 Acq: 03 Oct 2019 15:19

Instrument :
 MSVOA_W
 ClientSampleId :
 20190762-SS-COMP-2RE

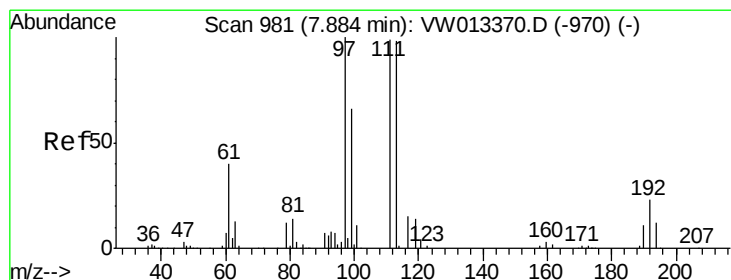
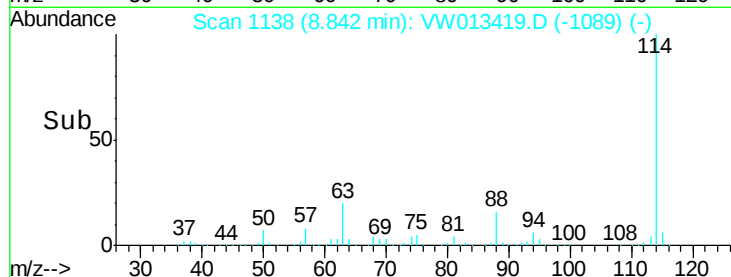
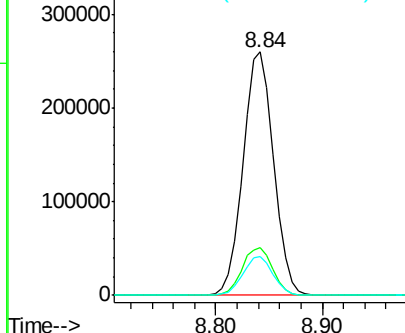
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	41.4
88	15.8	0.0	32.0



Abundance Ion 113.90 (113.60 to 114.60): V

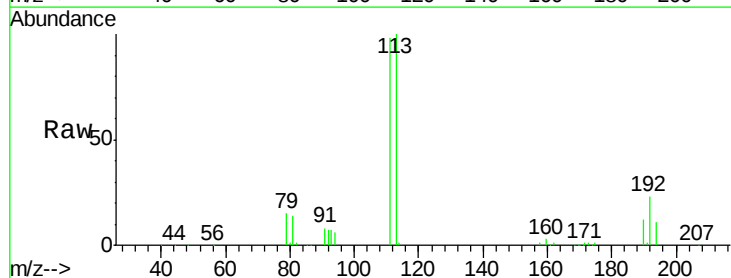
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 53.216 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW013419.D
 Acq: 03 Oct 2019 15:19

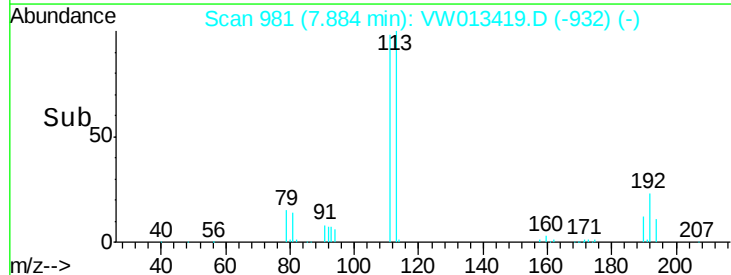
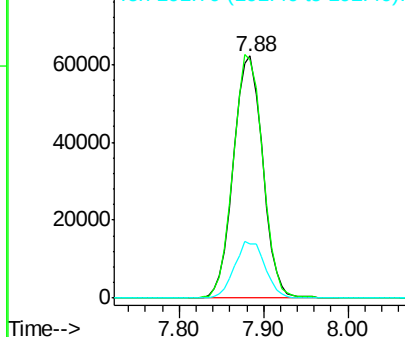
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.9	122.9
192	24.2	19.1	28.7

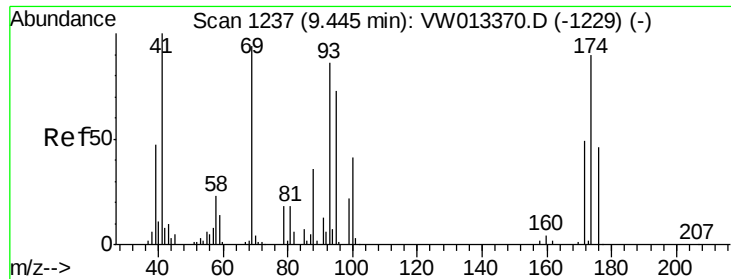


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

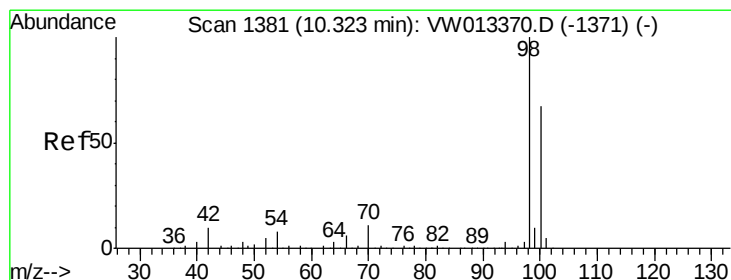
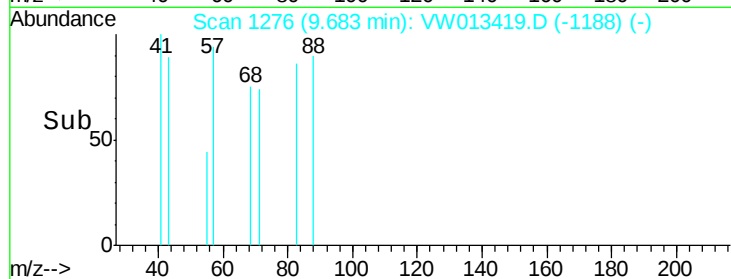
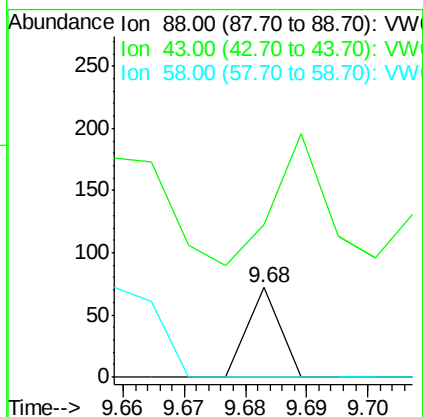
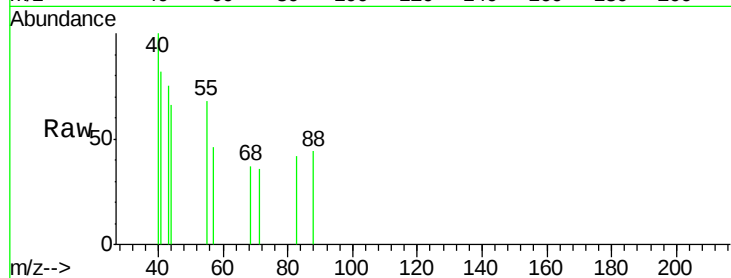




#49
1,4-Dioxane
Concen: Below Cal
RT: 9.68 min Scan# 1276
Delta R.T. 0.24 min
Lab File: VW013419.D
Acq: 03 Oct 2019 15:19

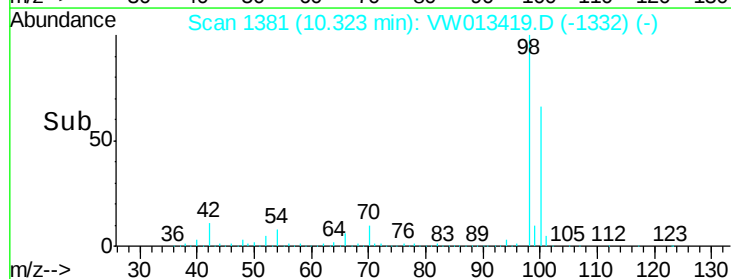
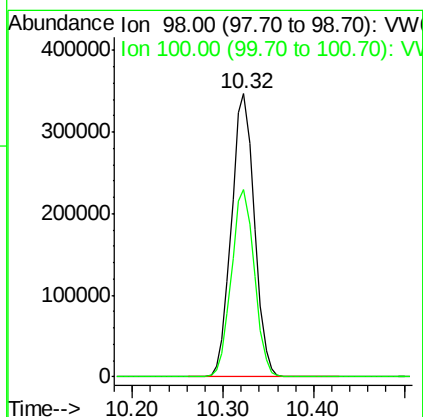
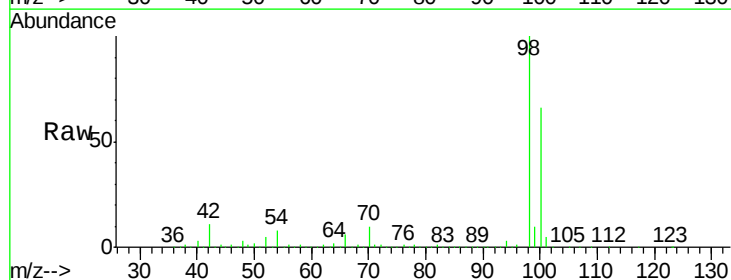
Instrument :
MSVOA_W
ClientSampleId :
20190762-SS-COMP-2RE

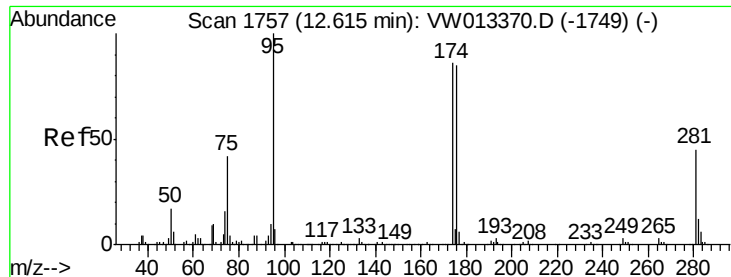
Tot Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 257.7 0.0 0.0#
58 0.0 65.4 98.0#



#50
Toluene-d8
Concen: 53.640 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013419.D
Acq: 03 Oct 2019 15:19

Tgt Ion: 98 Resp: 610588
Ion Ratio Lower Upper
98 100
100 66.3 52.9 79.3





#62

4-Bromofluorobenzene

Concen: 52.100 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013419.D

Acq: 03 Oct 2019 15:19

Instrument :

MSVOA_W

ClientSampleId :

20190762-SS-COMP-2RE

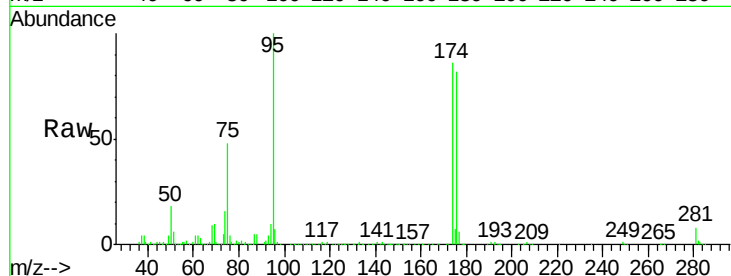
Tot Ion: 95 Resp: 198045

Ion Ratio Lower Upper

95 100

174 90.9 0.0 178.4

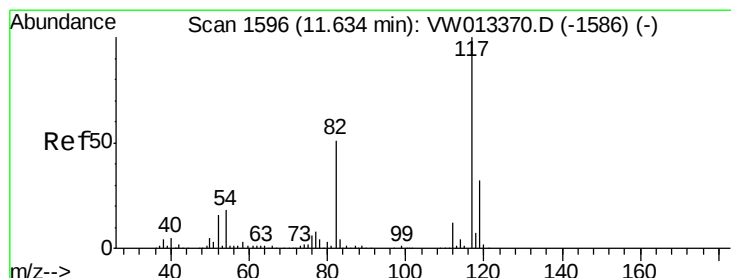
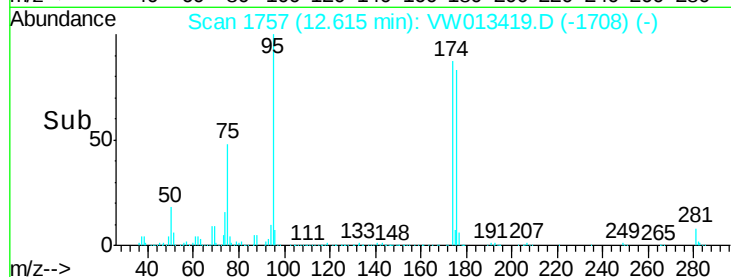
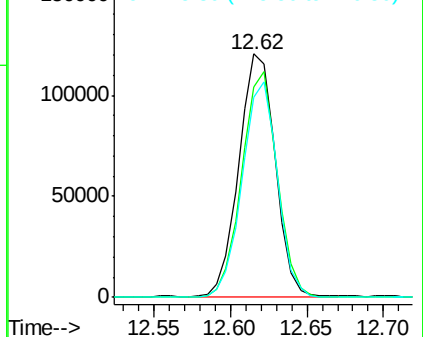
176 86.5 0.0 172.2



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: VW013419.D

Acq: 03 Oct 2019 15:19

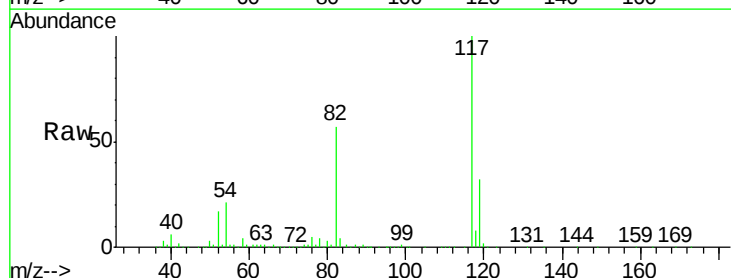
Tgt Ion: 117 Resp: 444190

Ion Ratio Lower Upper

117 100

82 57.2 45.9 68.9

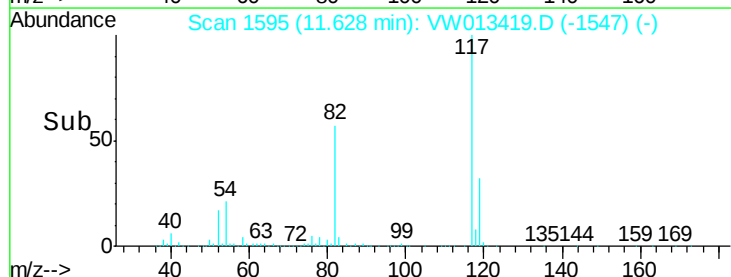
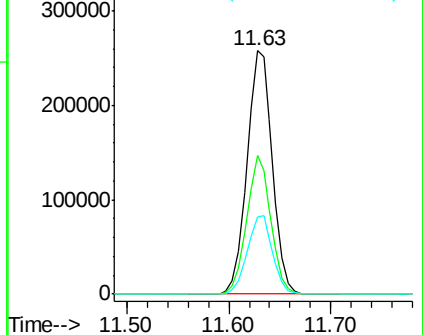
119 31.9 26.2 39.2

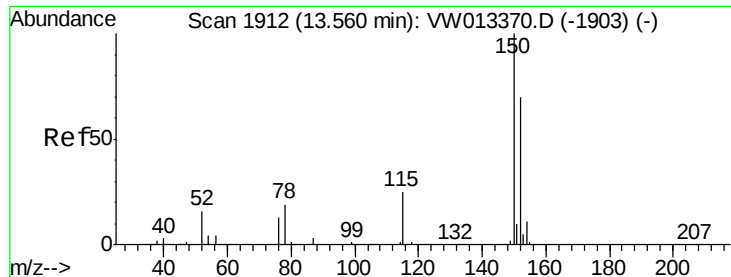


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW013419.D

Acq: 03 Oct 2019 15:19

Instrument :

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20190762-SS-COMP-2RE

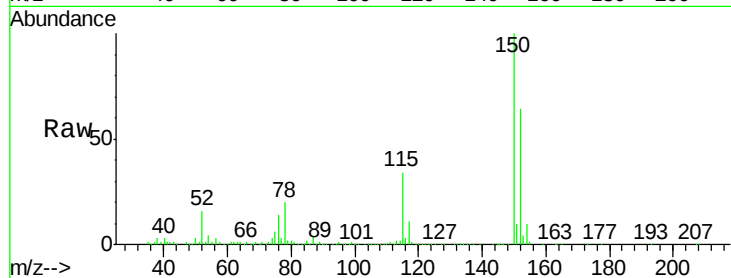
Tot Ion:152 Resp: 204232

Ion Ratio Lower Upper

152 100

115 56.5 27.3 81.9

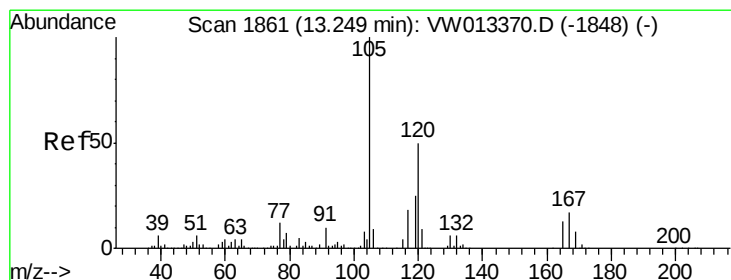
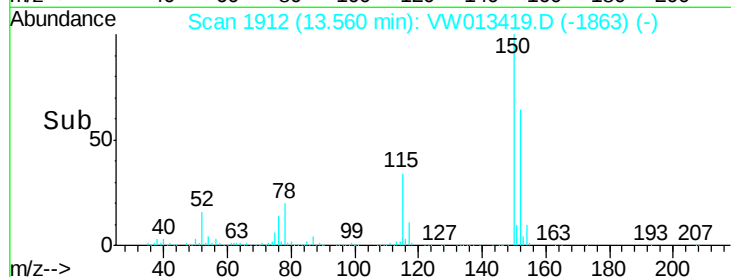
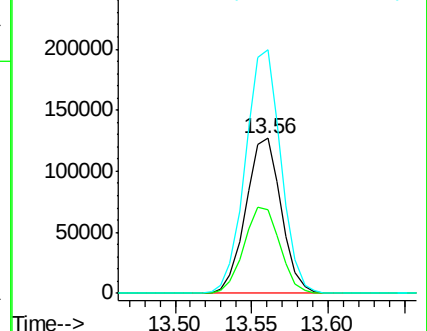
150 157.1 0.0 349.0



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



#84

1,2,4-Trimethylbenzene

Concen: 1.275 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VW013419.D

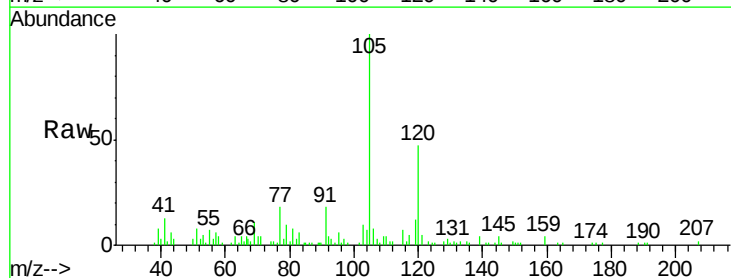
Acq: 03 Oct 2019 15:19

Tgt Ion:105 Resp: 15732

Ion Ratio Lower Upper

105 100

120 44.7 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

