

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090119\
 Data File : VW012470.D
 Acq On : 02 Sep 2019 01:59
 Operator : SY/VA
 Sample : K4527-13
 Misc : 5.11G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-N4-(1.9)

Quant Time: Sep 02 08:31:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

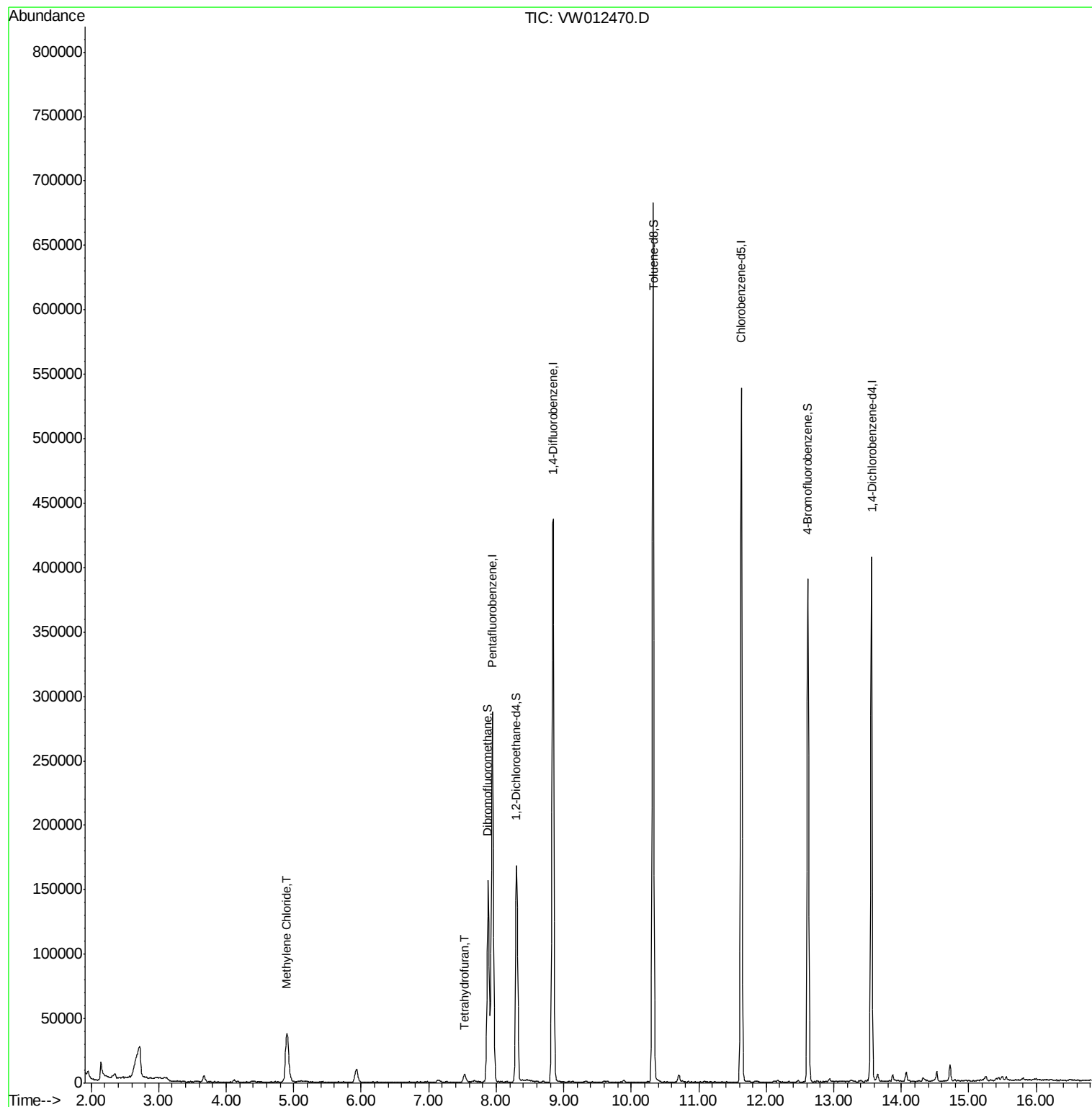
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	207859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	342271	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	278453	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	100457	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	140288	56.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.56%	
35) Dibromofluoromethane	7.88	113	107605	52.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.34%	
50) Toluene-d8	10.32	98	419840	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
62) 4-Bromofluorobenzene	12.62	95	125007	42.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.62%	
Target Compounds						
20) Methylene Chloride	4.90	84	27384	11.468	ug/l	92
29) Tetrahydrofuran	7.53	42	5513	10.706	ug/l	98

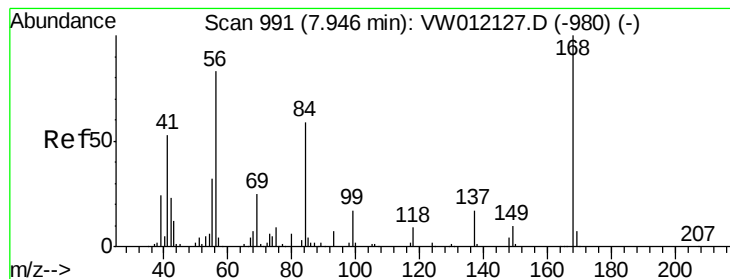
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. -0.00 min

Lab File: VW012470.D

Acq: 02 Sep 2019 01:59

Instrument :

MSVOA_W

ClientSampleId :

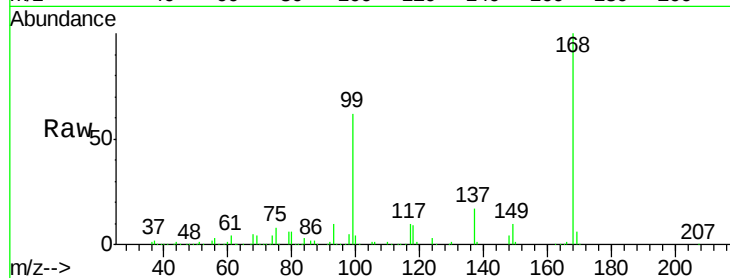
T9-12-13-N4-(1.9)

Tot Ion:168 Resp: 207859

Ion Ratio Lower Upper

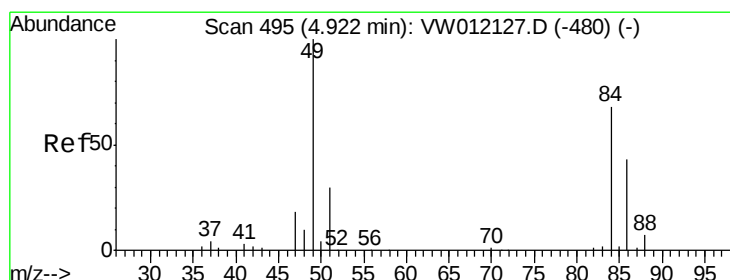
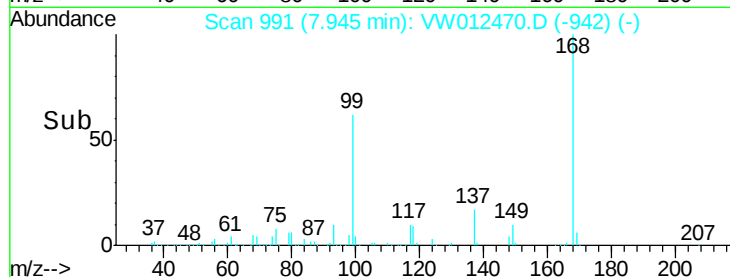
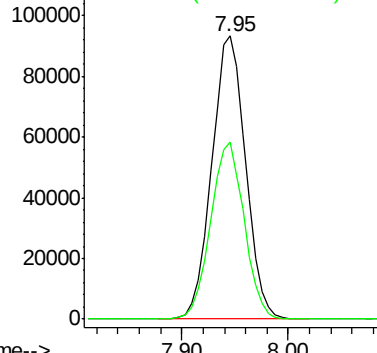
168 100

99 62.4 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 11.468 ug/l

RT: 4.90 min Scan# 491

Delta R.T. -0.02 min

Lab File: VW012470.D

Acq: 02 Sep 2019 01:59

Tgt Ion: 84 Resp: 27384

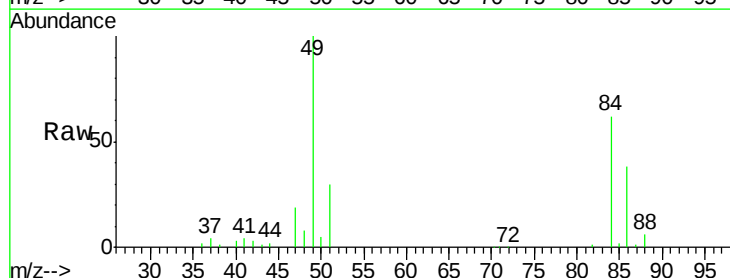
Ion Ratio Lower Upper

84 100

49 161.1 117.8 176.8

51 47.7 35.6 53.4

86 61.6 51.2 76.8

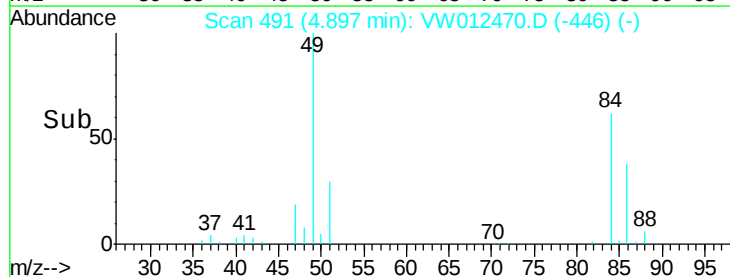
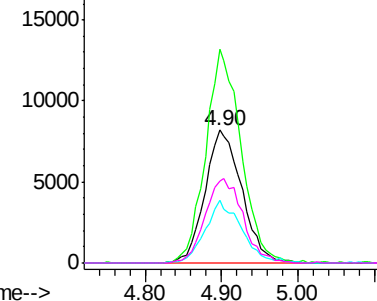


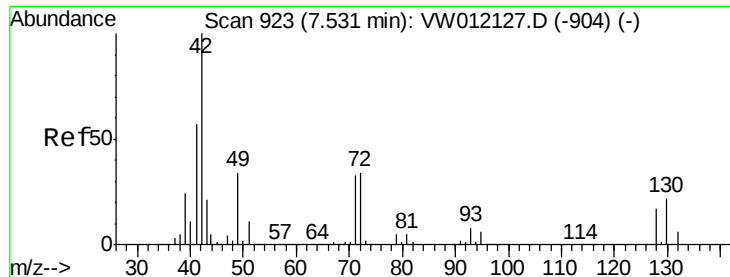
Abundance Ion 83.90 (83.60 to 84.60): VW

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

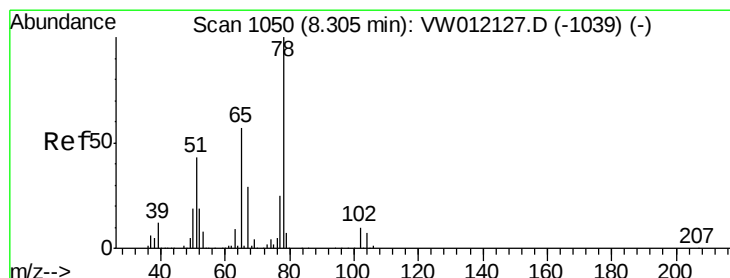
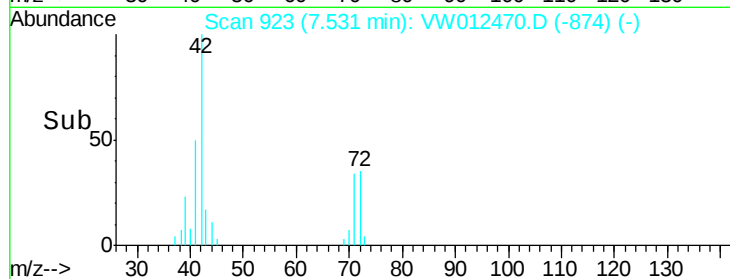
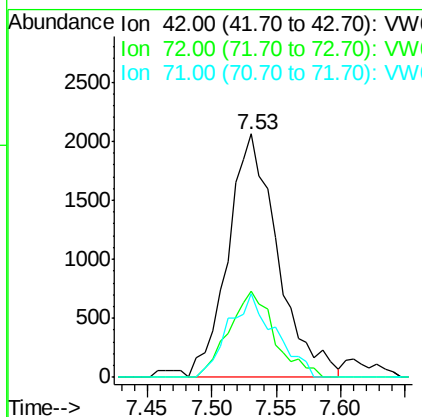
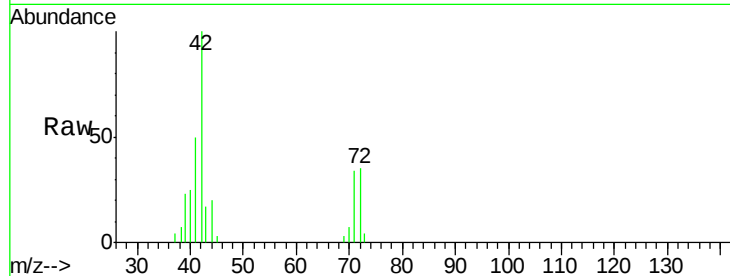




#29
Tetrahydrofuran
Concen: 10.706 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012470.D
Acq: 02 Sep 2019 01:59

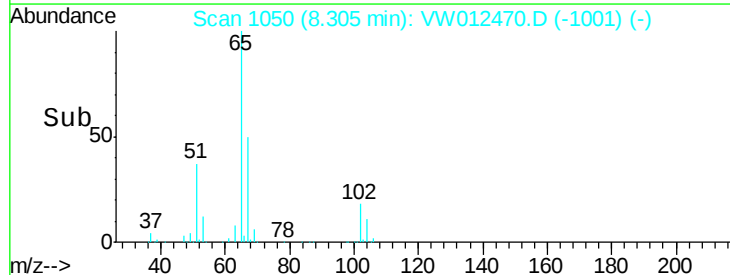
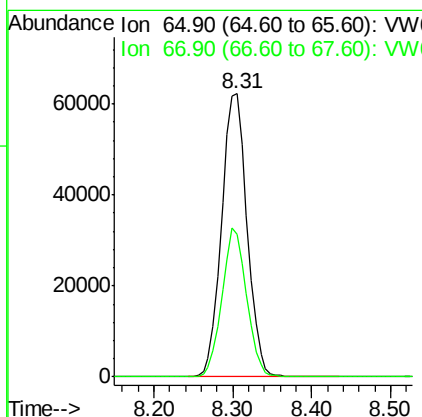
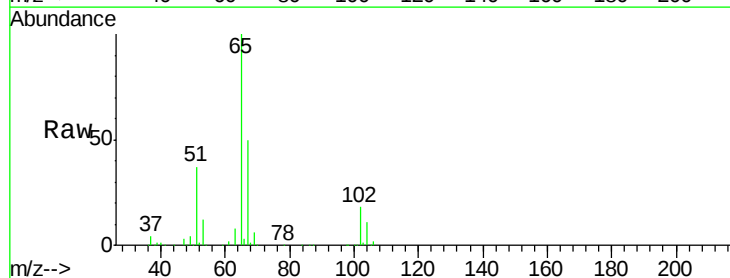
Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-N4-(1.9)

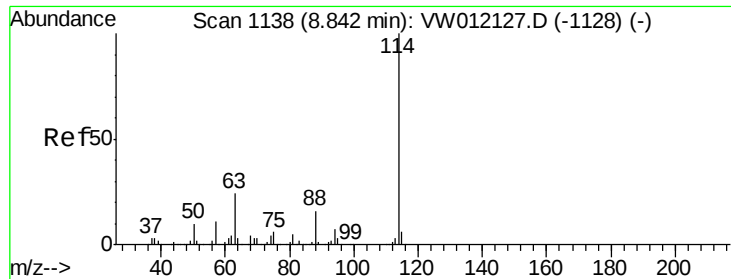
Tot Ion	Ratio	Lower	Upper
42	100		
72	32.7	27.3	40.9
71	32.4	25.5	38.3



#33
1,2-Dichloroethane-d4
Concen: 56.775 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012470.D
Acq: 02 Sep 2019 01:59

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	102.6

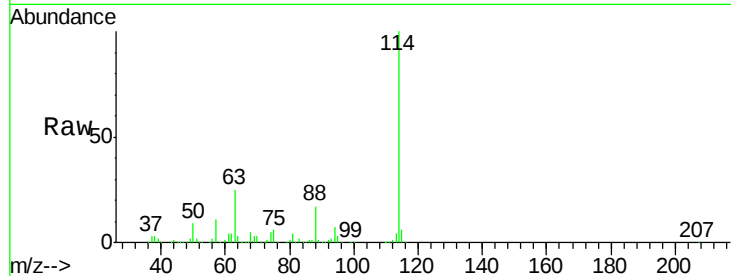




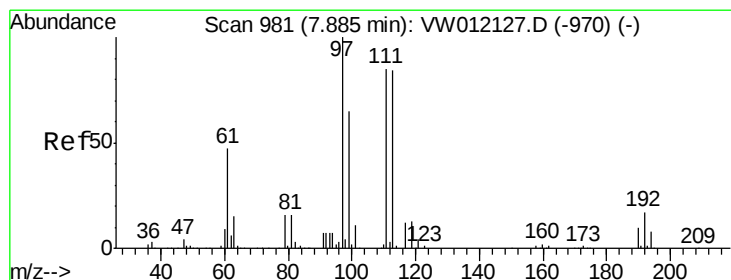
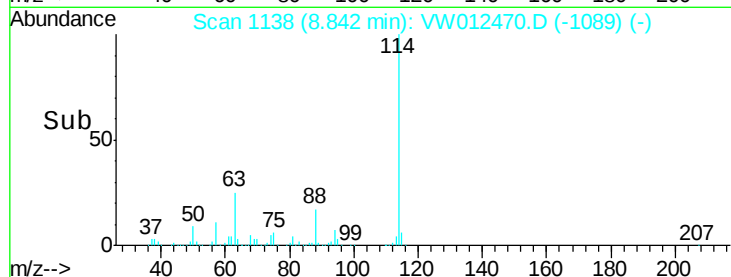
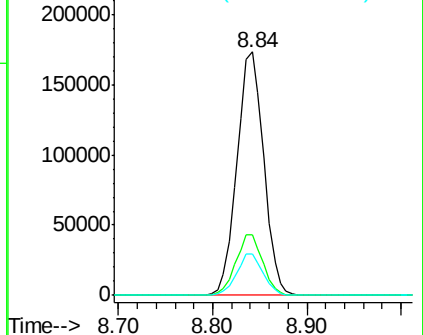
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012470.D
 Acq: 02 Sep 2019 01:59

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-N4-(1.9)

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.7	0.0	48.6
88	17.1	0.0	32.2

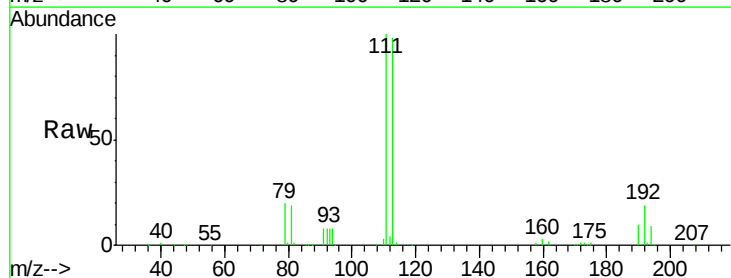


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

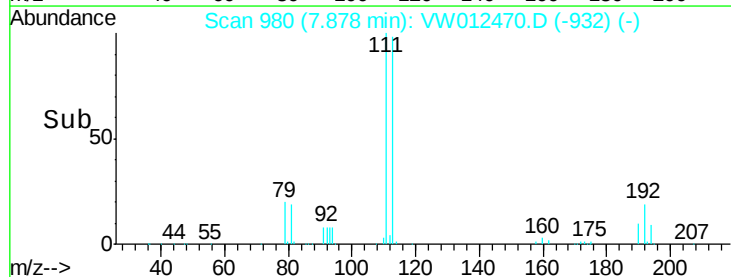
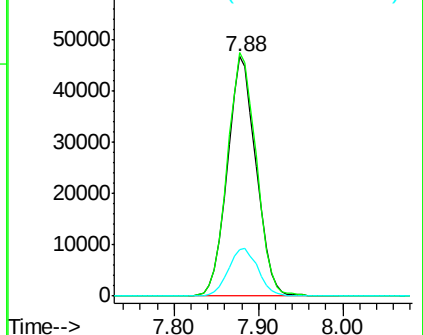


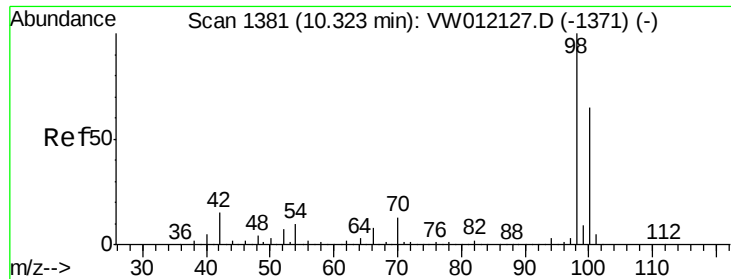
#35
 Dibromofluoromethane
 Concen: 52.669 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012470.D
 Acq: 02 Sep 2019 01:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.7	124.1
192	20.5	16.2	24.2



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: 50.682 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012470.D

Acq: 02 Sep 2019 01:59

Instrument :

MSVOA_W

ClientSampleId :

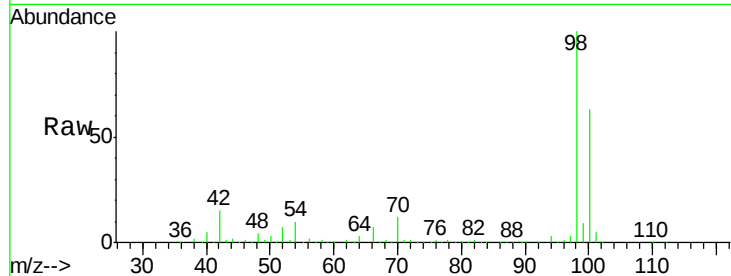
T9-12-13-N4-(1.9)

Tot Ion: 98 Resp: 419840

Ion Ratio Lower Upper

98 100

100 65.1 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

250000

200000

150000

100000

50000

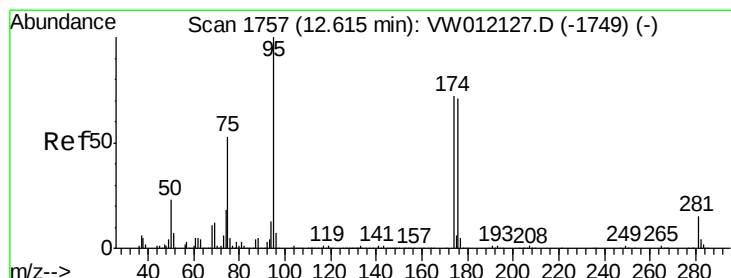
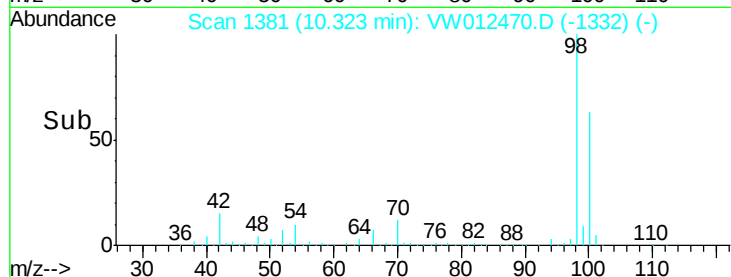
0

10.32

10.30

10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 42.810 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012470.D

Acq: 02 Sep 2019 01:59

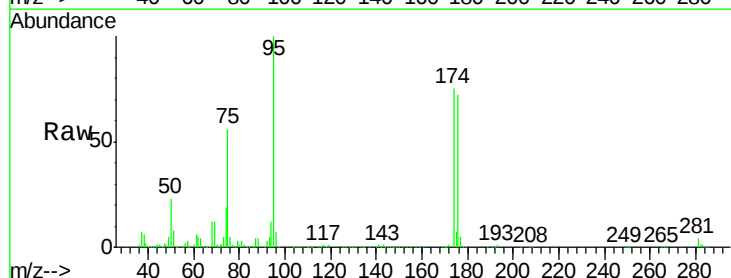
Tgt Ion: 95 Resp: 125007

Ion Ratio Lower Upper

95 100

174 76.8 0.0 150.8

176 75.1 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

100000

80000

60000

40000

20000

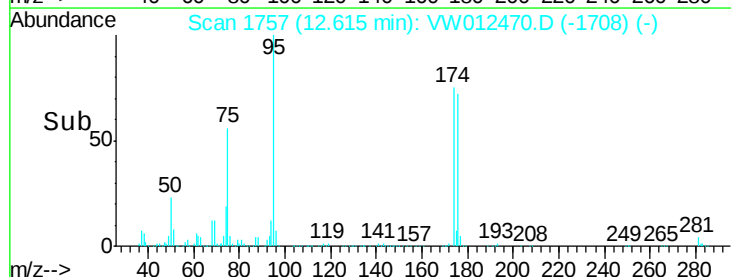
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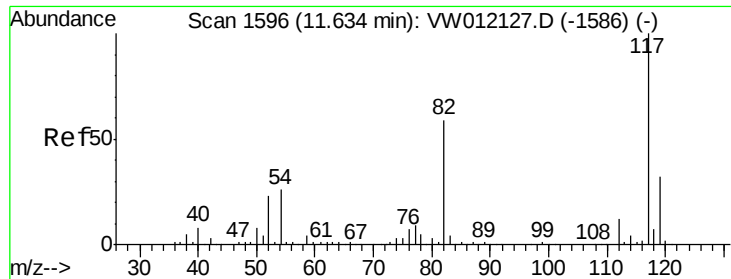
12.62

12.50

12.70

Time-->

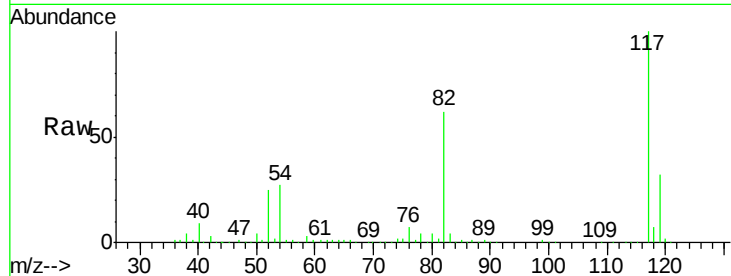




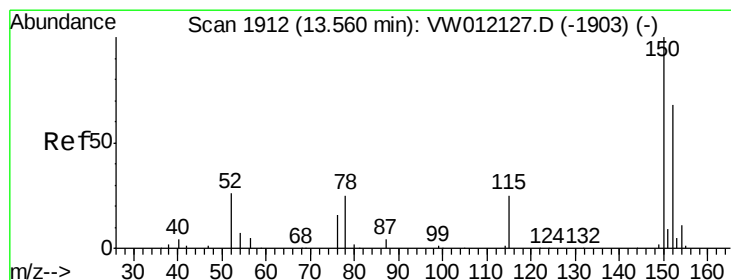
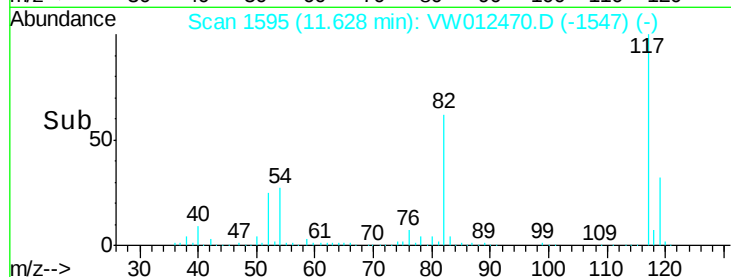
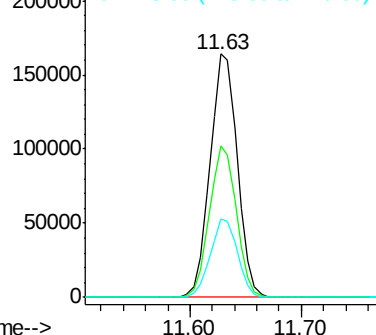
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012470.D
Acq: 02 Sep 2019 01:59

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-N4-(1.9)

Tot Ion:117 Resp: 278453
Ion Ratio Lower Upper
117 100
82 62.1 47.4 71.2
119 32.0 25.4 38.2

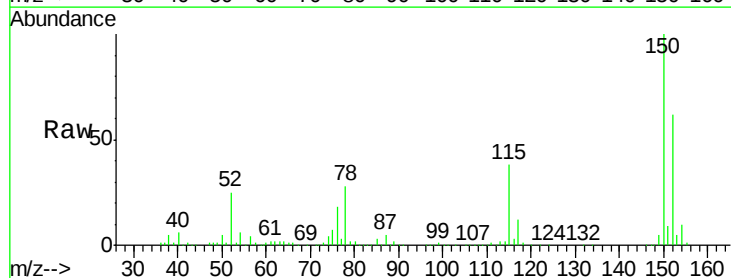


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012470.D
Acq: 02 Sep 2019 01:59

Tgt Ion:152 Resp: 100457
Ion Ratio Lower Upper
152 100
115 60.9 30.1 90.3
150 157.7 0.0 345.8



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

