

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090119\
 Data File : VW012479.D
 Acq On : 02 Sep 2019 05:50
 Operator : SY/VA
 Sample : K4528-05
 Misc : 5.36G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-Q3-(1.9)

Quant Time: Sep 02 08:47:33 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

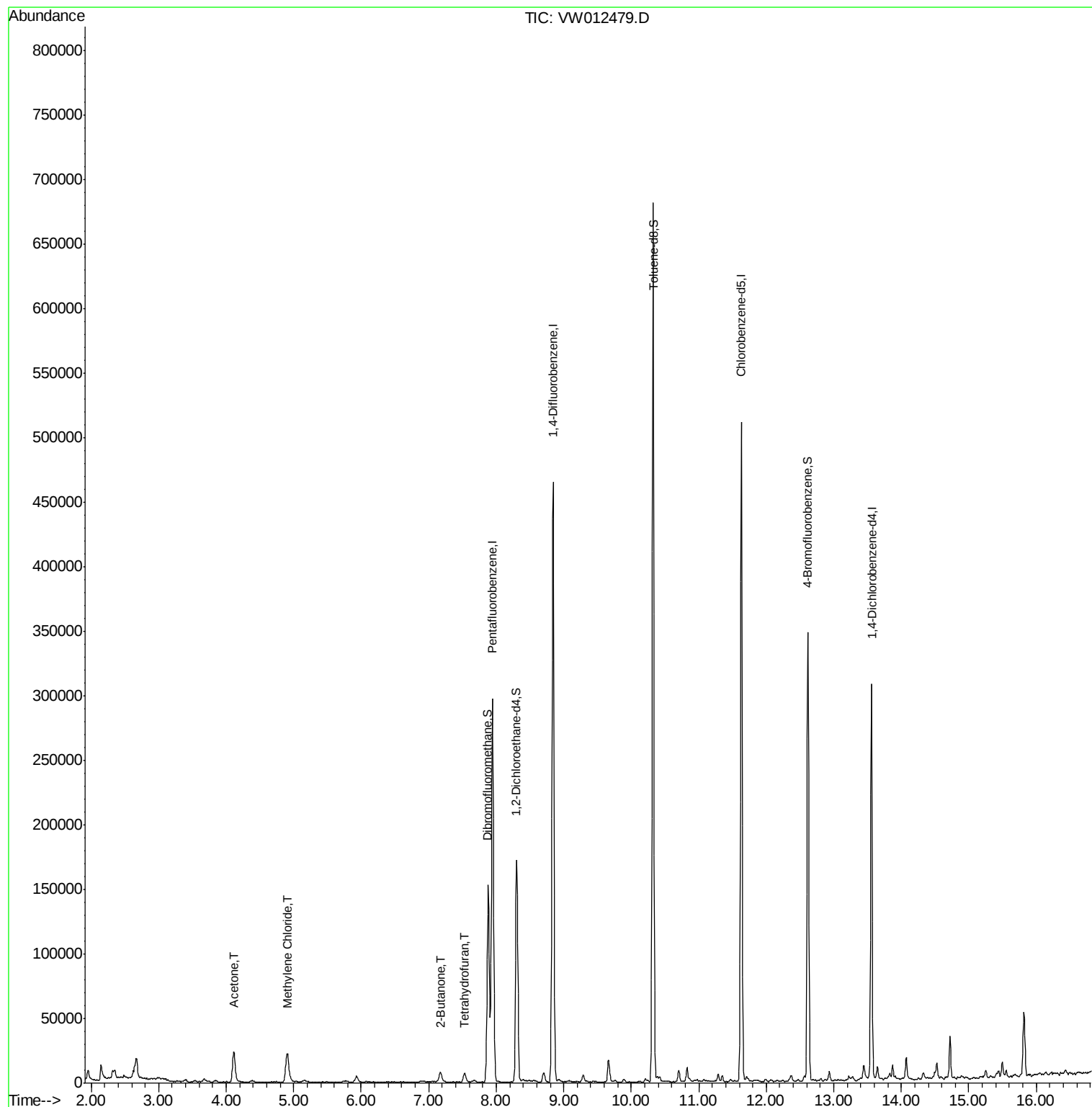
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	215568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	356544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	269144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	76604	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	144404	56.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.70%	
35) Dibromofluoromethane	7.88	113	108611	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
50) Toluene-d8	10.32	98	419672	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
62) 4-Bromofluorobenzene	12.62	95	112685	37.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.10%	
Target Compounds						
16) Acetone	4.11	43	43423	66.290	ug/l	98
20) Methylene Chloride	4.90	84	15429	6.231	ug/l	91
25) 2-Butanone	7.17	43	13082	14.697	ug/l	97
29) Tetrahydrofuran	7.54	42	5853	10.960	ug/l	95

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

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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: VW012479.D

Acq: 02 Sep 2019 05:50

Instrument :

MSVOA_W

ClientSampleId :

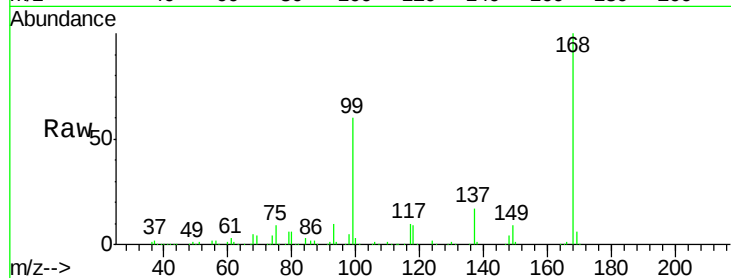
T9-12-13-Q3-(1.9)

Tot Ion:168 Resp: 215568

Ion Ratio Lower Upper

168 100

99 60.5 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

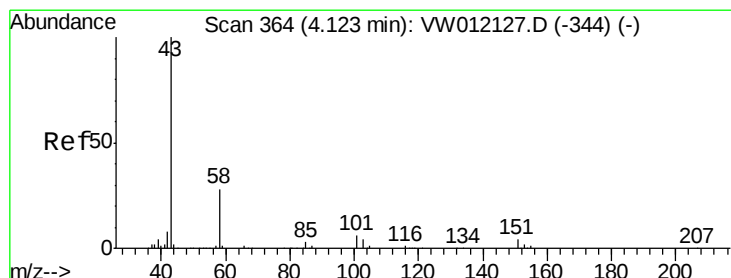
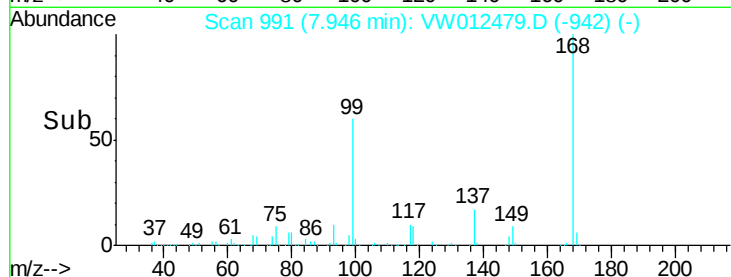
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 66.290 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW012479.D

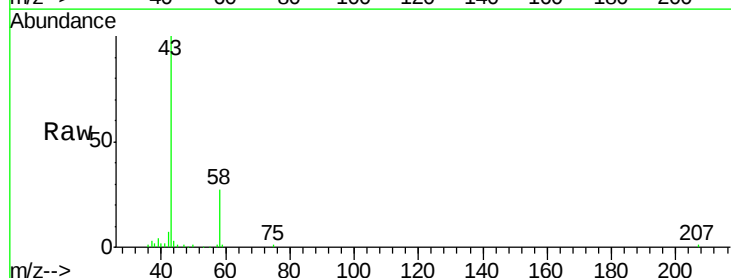
Acq: 02 Sep 2019 05:50

Tgt Ion: 43 Resp: 43423

Ion Ratio Lower Upper

43 100

58 26.8 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.11

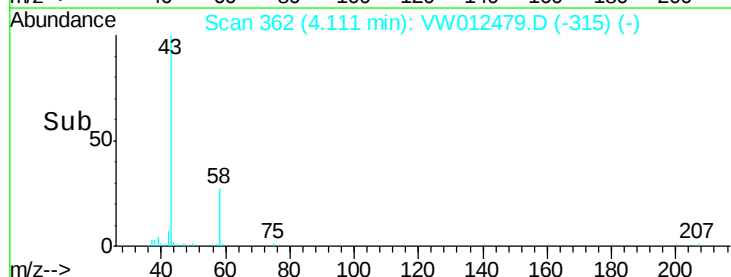
15000

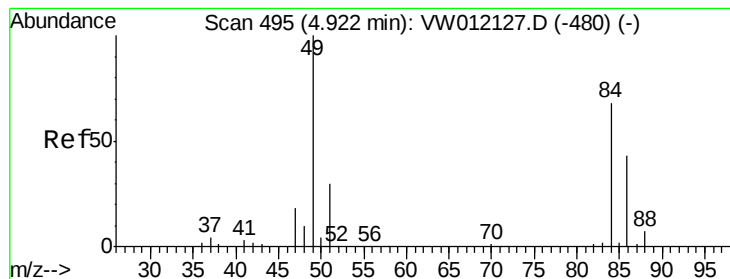
10000

5000

0

Time--> 4.00 4.10 4.20 4.30





#20

Methylene Chloride

Concen: 6.231 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

Lab File: VW012479.D

Acq: 02 Sep 2019 05:50

Instrument :

MSVOA_W

ClientSampled :

T9-12-13-Q3-(1.9)

Tot Ion: 84 Resp: 15429

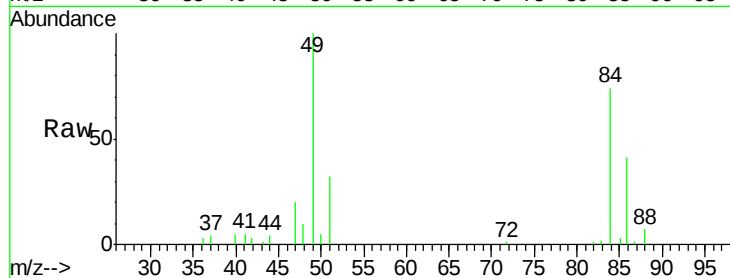
Ion Ratio Lower Upper

84 100

49 134.7 117.8 176.8

51 43.0 35.6 53.4

86 55.1 51.2 76.8

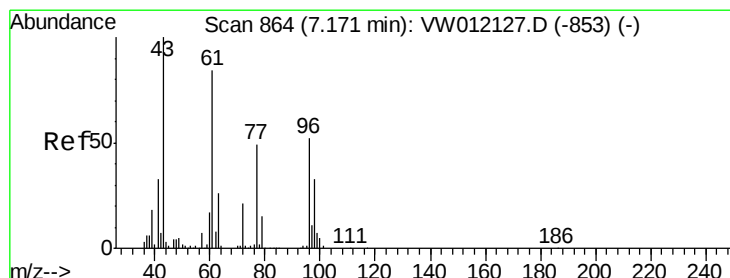
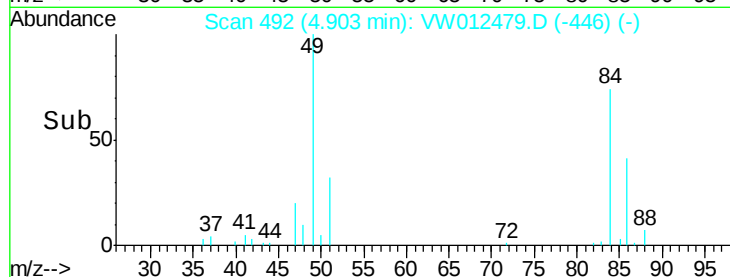
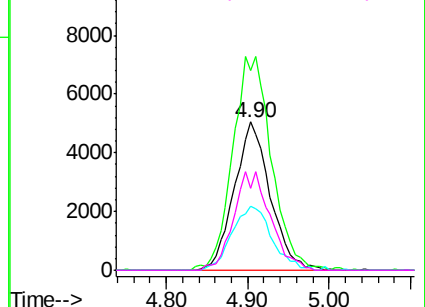


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#25

2-Butanone

Concen: 14.697 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012479.D

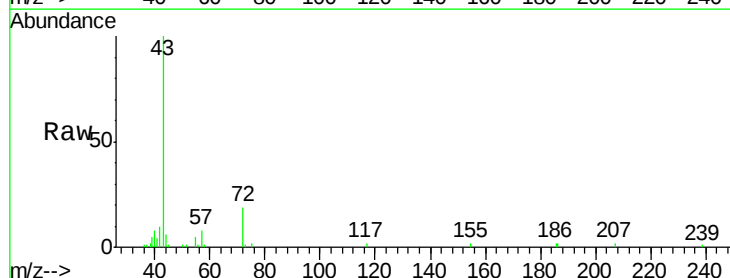
Acq: 02 Sep 2019 05:50

Tgt Ion: 43 Resp: 13082

Ion Ratio Lower Upper

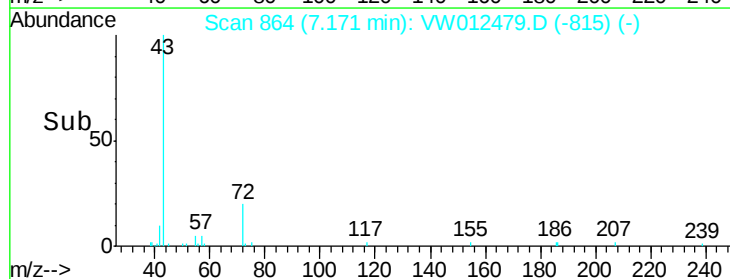
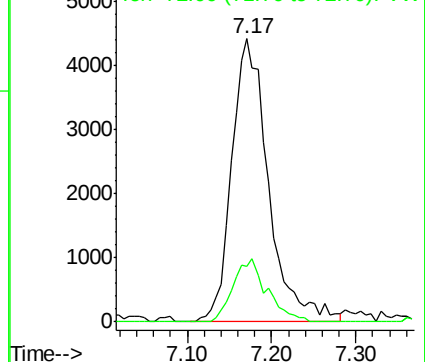
43 100

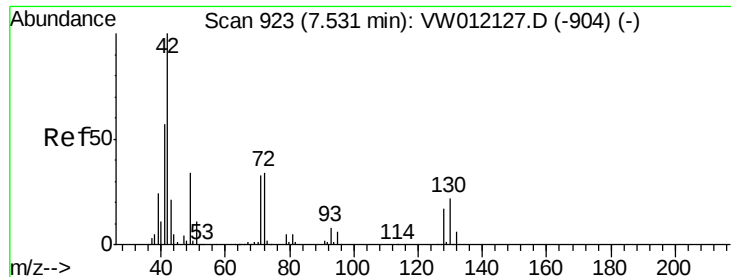
72 19.4 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

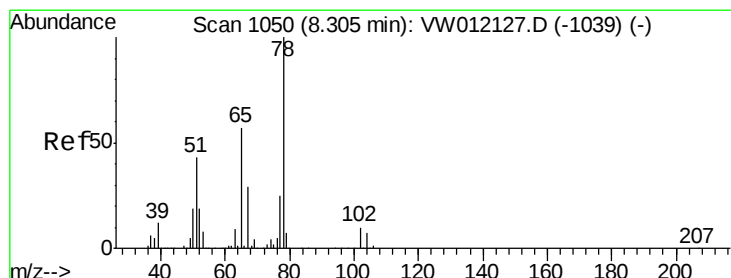
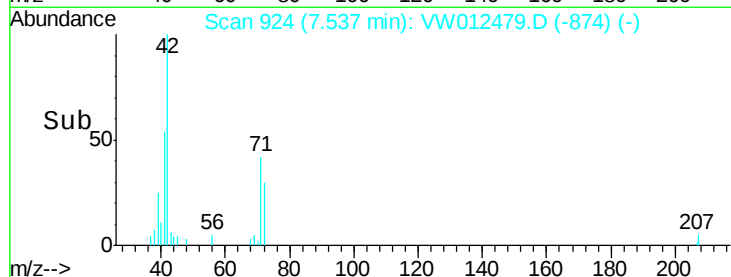
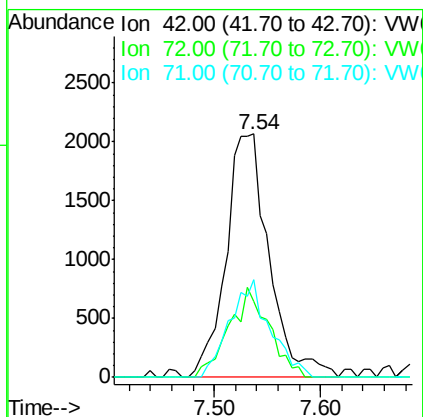
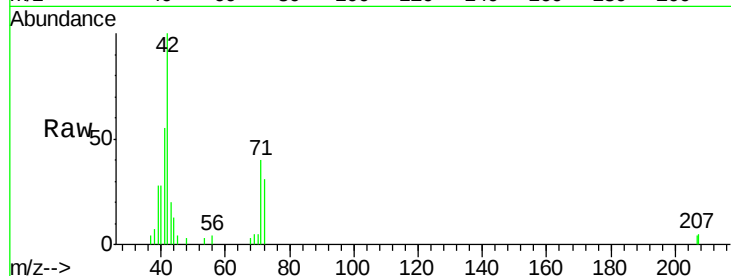




#29
Tetrahydrofuran
Concen: 10.960 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012479.D
Acq: 02 Sep 2019 05:50

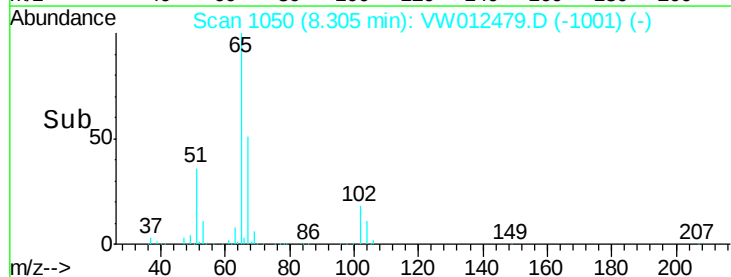
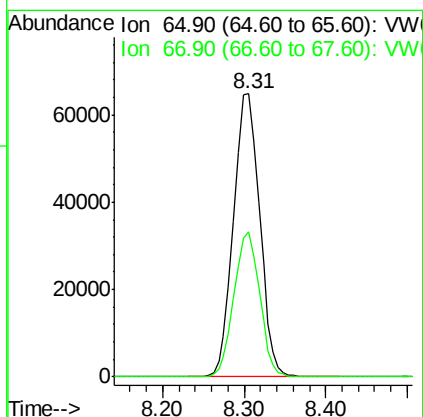
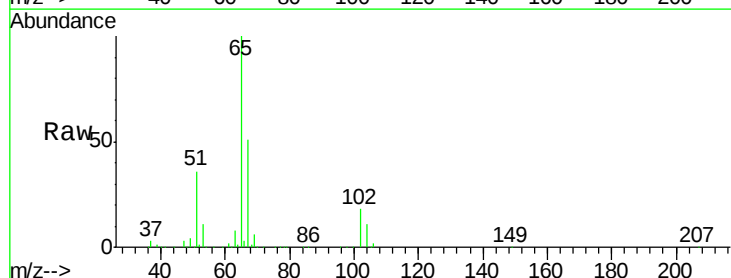
Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-Q3-(1.9)

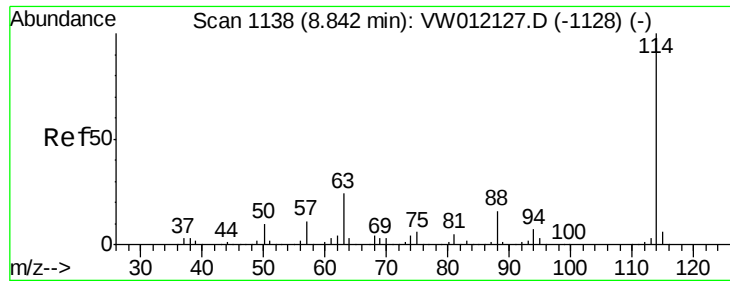
Tot Ion: 42 Resp: 5853
Ion Ratio Lower Upper
42 100
72 34.3 27.3 40.9
71 37.4 25.5 38.3



#33
1,2-Dichloroethane-d4
Concen: 56.351 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012479.D
Acq: 02 Sep 2019 05:50

Tgt Ion: 65 Resp: 144404
Ion Ratio Lower Upper
65 100
67 50.1 0.0 102.6

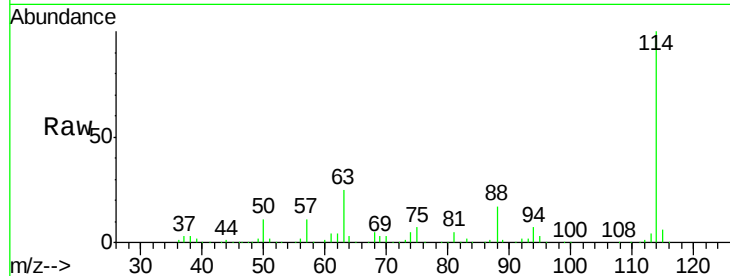




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012479.D
 Acq: 02 Sep 2019 05:50

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-Q3-(1.9)

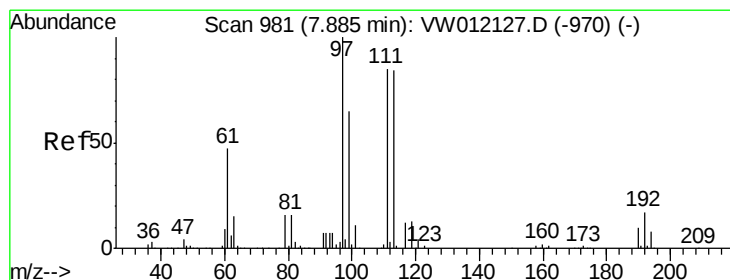
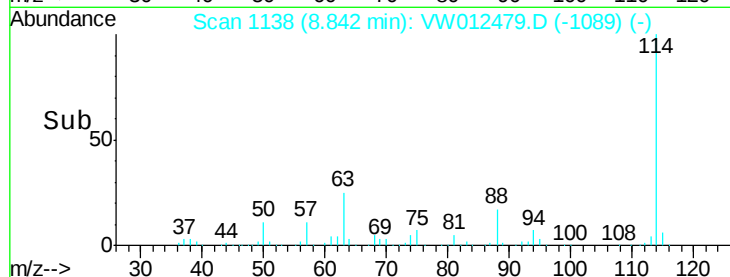
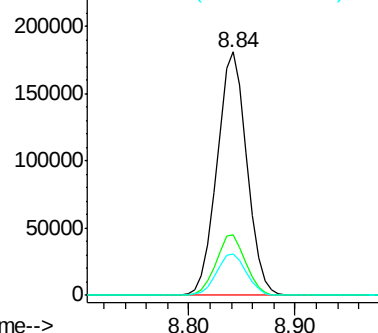
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.9	0.0	48.6
88	17.0	0.0	32.2



Abundance Ion 113.90 (113.60 to 114.60): V

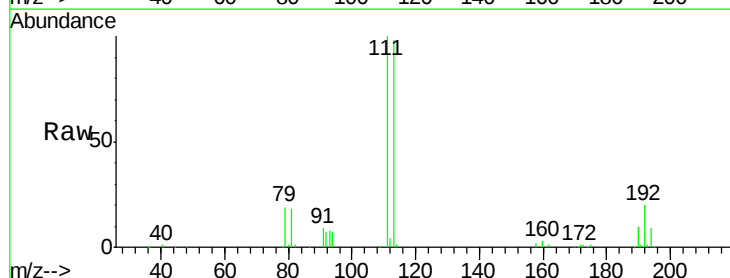
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 51.034 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012479.D
 Acq: 02 Sep 2019 05:50

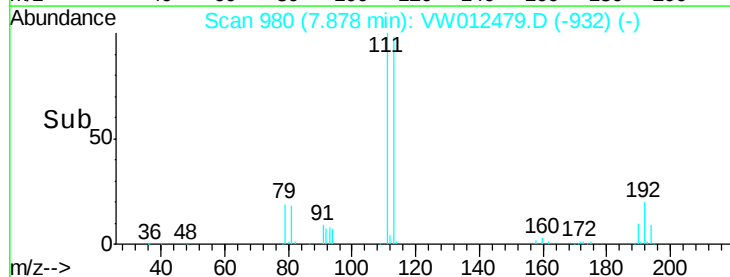
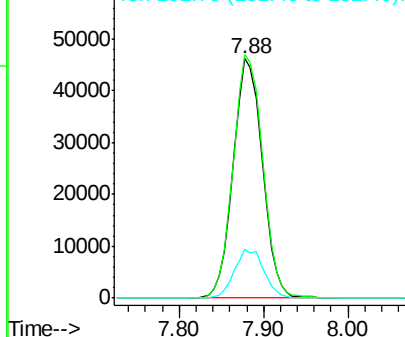
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.7	124.1
192	20.5	16.2	24.2

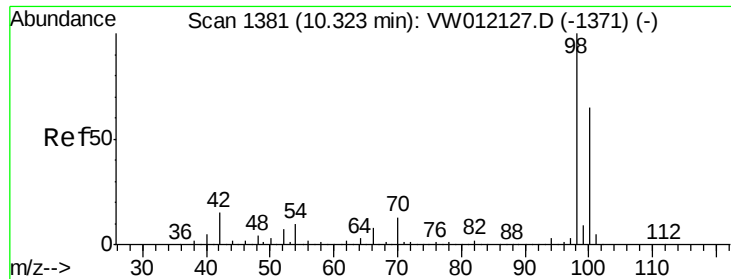


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.633 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012479.D

Acq: 02 Sep 2019 05:50

Instrument :

MSVOA_W

ClientSampleId :

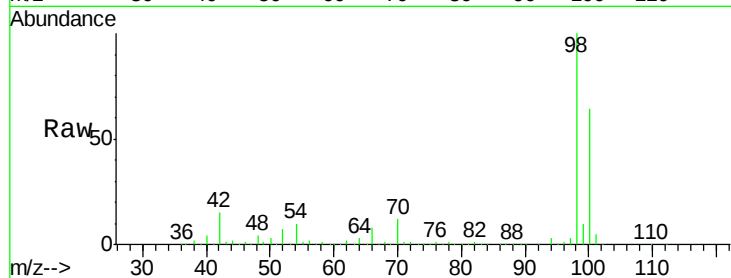
T9-12-13-Q3-(1.9)

Tot Ion: 98 Resp: 419672

Ion Ratio Lower Upper

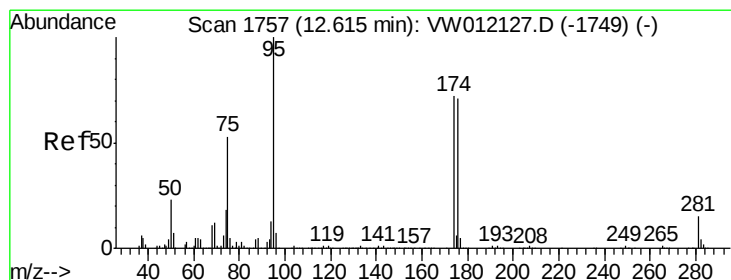
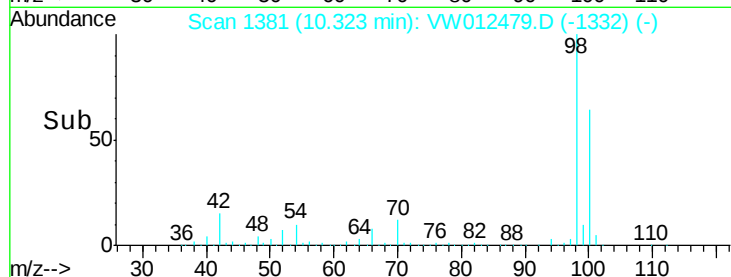
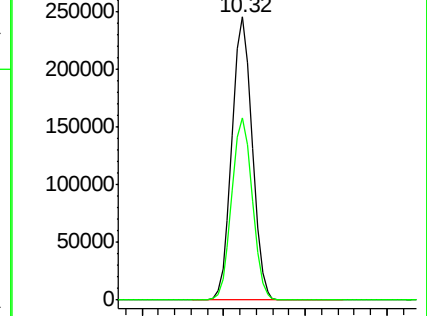
98 100

100 65.2 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 37.045 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012479.D

Acq: 02 Sep 2019 05:50

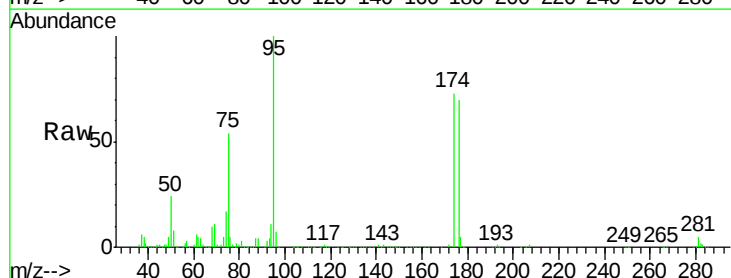
Tgt Ion: 95 Resp: 112685

Ion Ratio Lower Upper

95 100

174 77.8 0.0 150.8

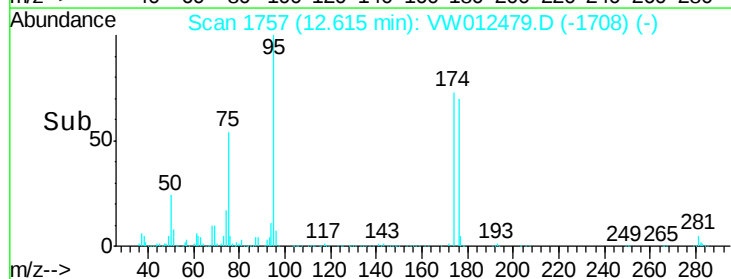
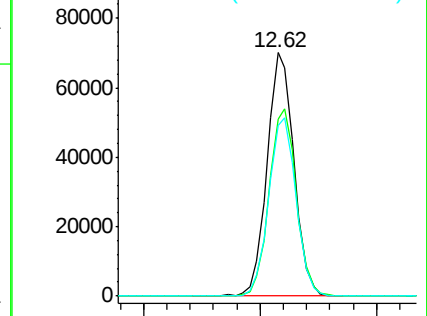
176 74.6 0.0 148.6

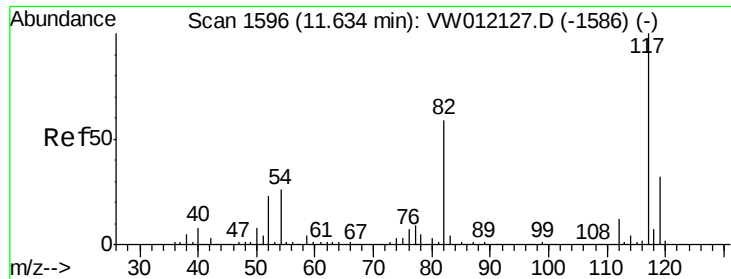


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

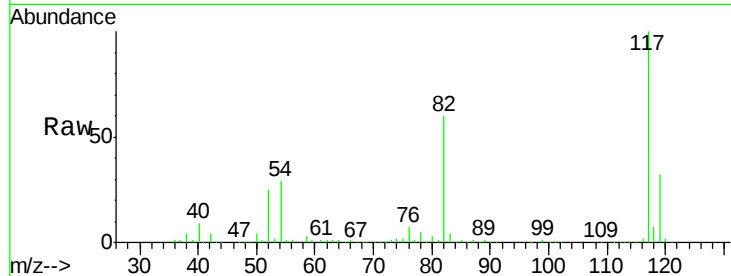




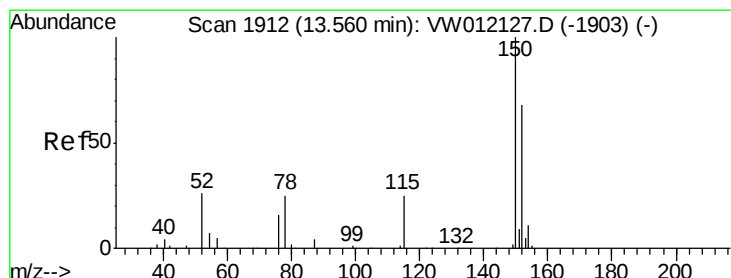
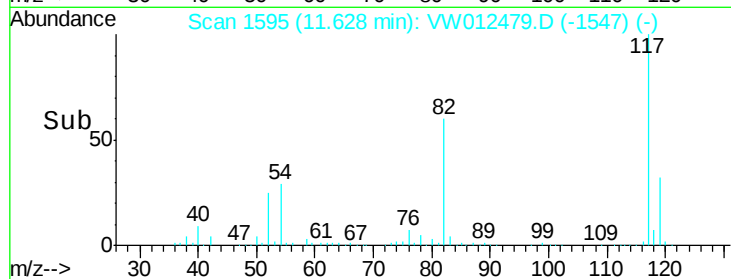
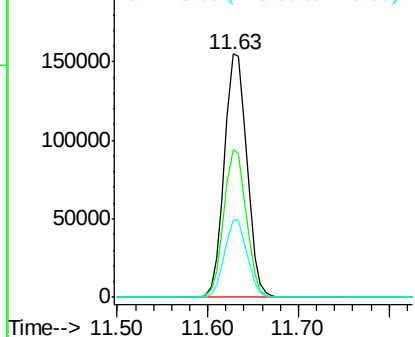
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012479.D
Acq: 02 Sep 2019 05:50

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-Q3-(1.9)

Tot Ion:117 Resp: 269144
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.2
119 31.7 25.4 38.2

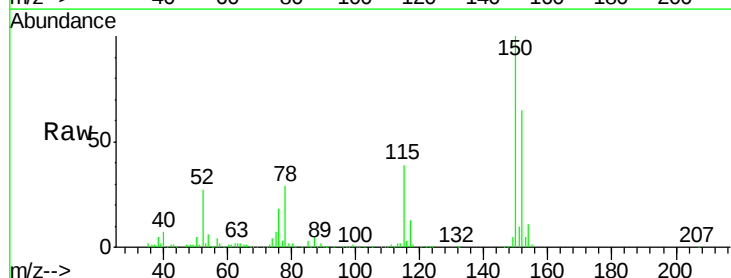


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012479.D
Acq: 02 Sep 2019 05:50

Tgt Ion:152 Resp: 76604
Ion Ratio Lower Upper
152 100
115 60.2 30.1 90.3
150 159.1 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

