

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083119\
 Data File : VW012432.D
 Acq On : 01 Sep 2019 06:39
 Operator : SY/VA
 Sample : K4516-11
 Misc : 5.11G/5ML/MSVOA W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T2-S-B2-(0)

Quant Time: Sep 02 01:12:35 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

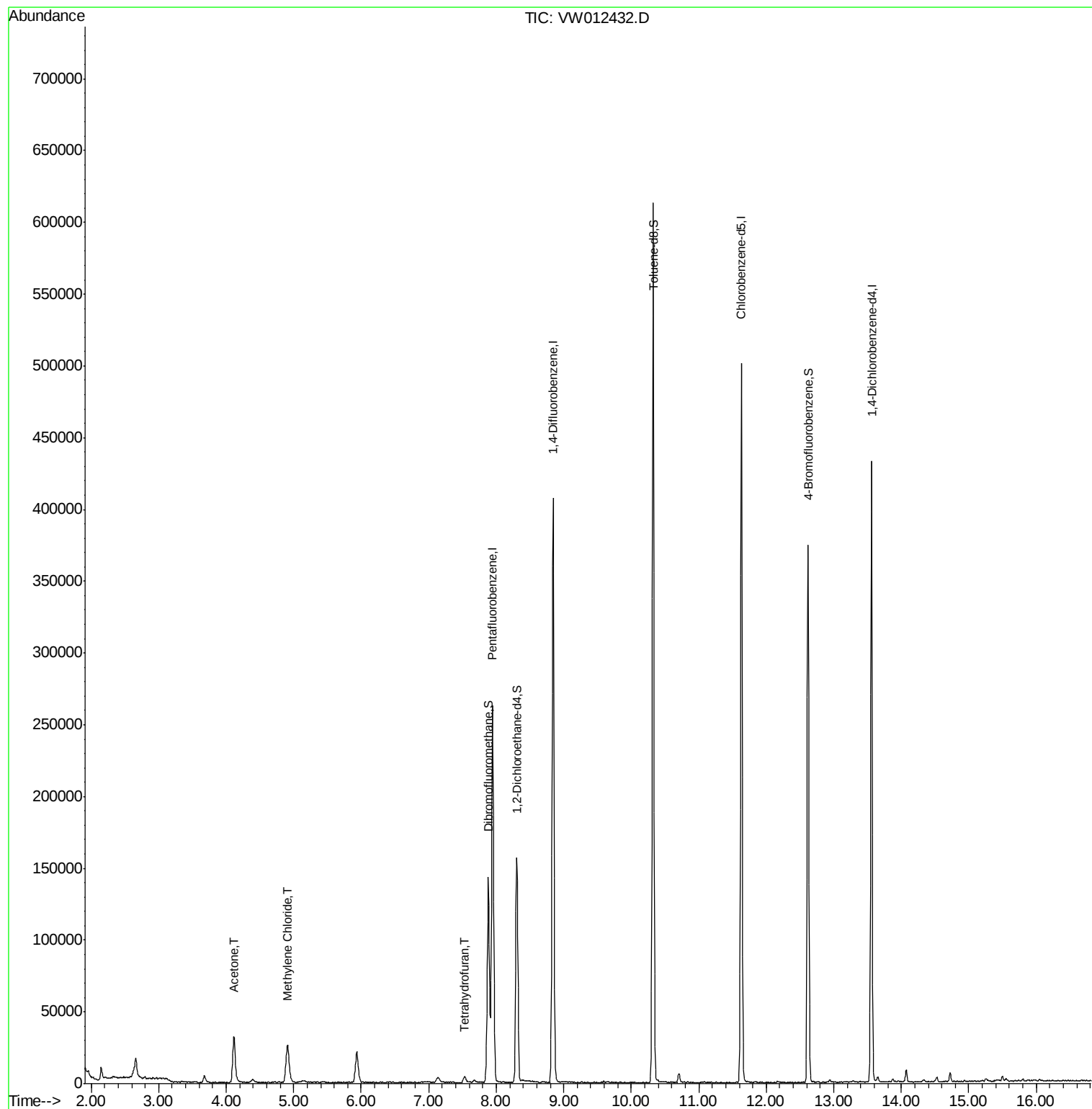
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	186412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	308373	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	260391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	104352	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	130948	59.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.18%	
35) Dibromofluoromethane	7.88	113	99093	53.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.66%	
50) Toluene-d8	10.32	98	377226	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
62) 4-Bromofluorobenzene	12.62	95	119677	45.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.98%	
Target Compounds						
16) Acetone	4.11	43	56956	100.549	ug/l	94
20) Methylene Chloride	4.91	84	18462	8.621	ug/l	94
29) Tetrahydrofuran	7.54	42	3448	7.466	ug/l	90

(#) = 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

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Acq: 01 Sep 2019 06:39

Instrument :

MSVOA_W

ClientSampleId :

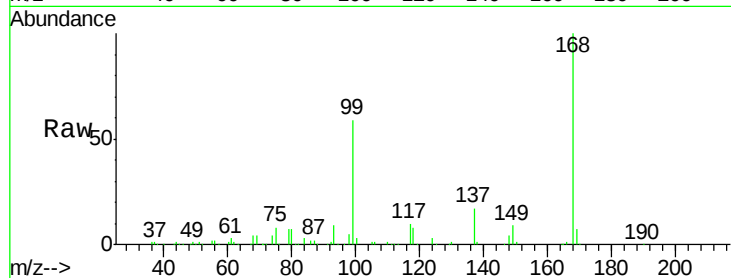
T2-S-B2-(0)

Tot Ion:168 Resp: 186412

Ion Ratio Lower Upper

168 100

99 59.4 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

80000

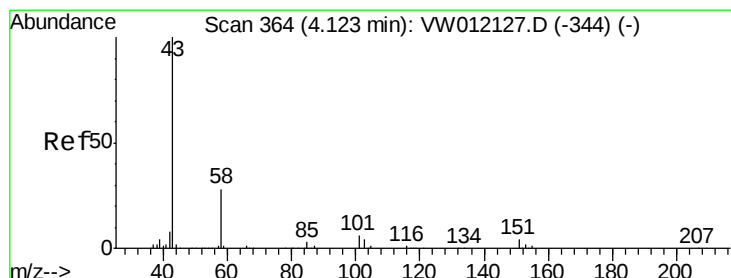
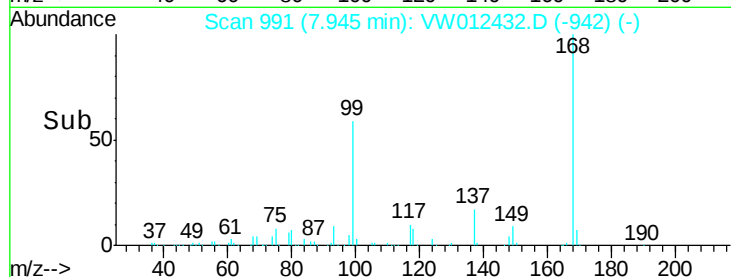
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 100.549 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW012432.D

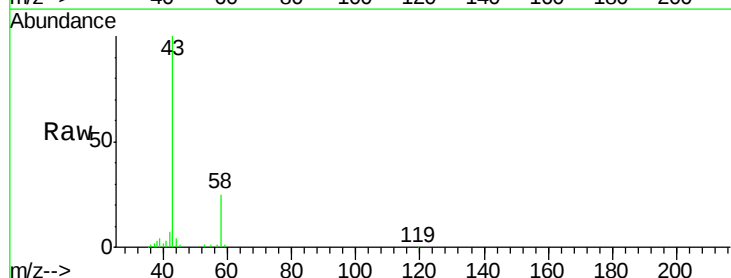
Acq: 01 Sep 2019 06:39

Tgt Ion: 43 Resp: 56956

Ion Ratio Lower Upper

43 100

58 24.7 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

25000

20000

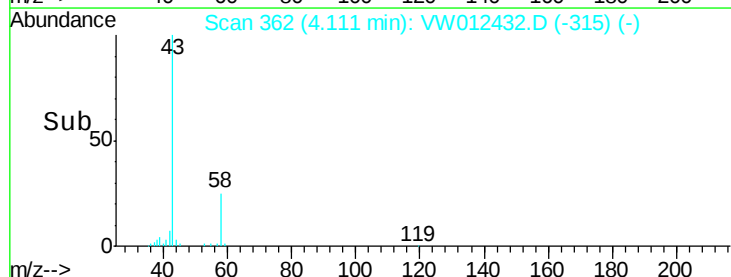
15000

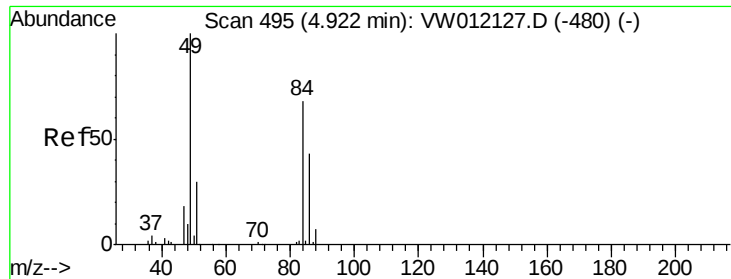
10000

5000

0

Time--> 4.00 4.10 4.20

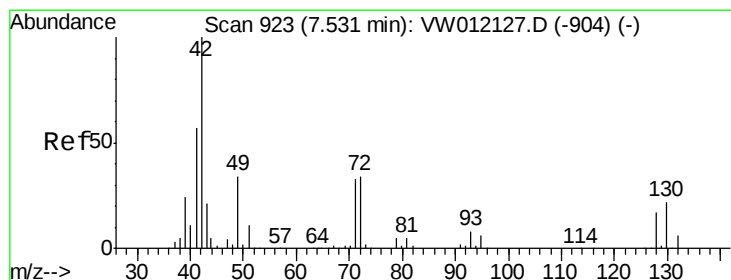
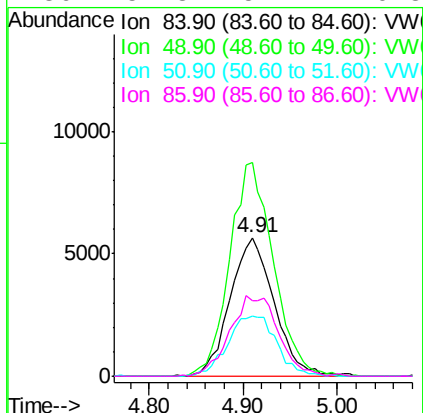
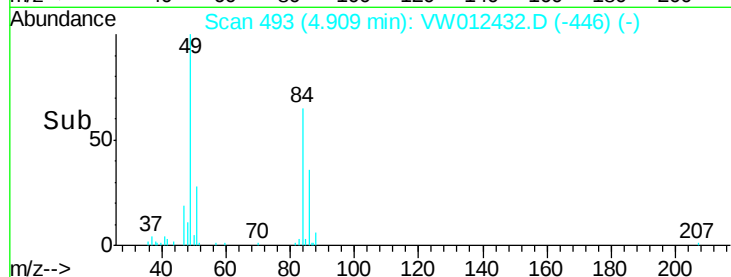
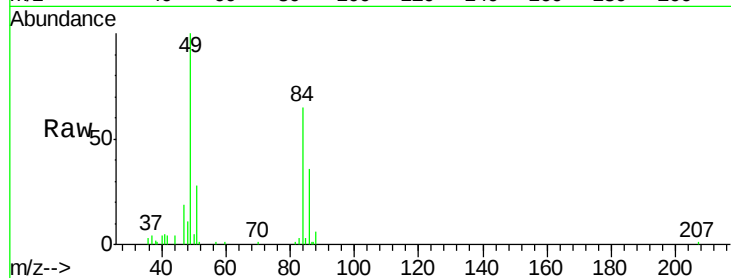




#20
Methvlene Chloride
Concen: 8.621 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012432.D
Acq: 01 Sep 2019 06:39

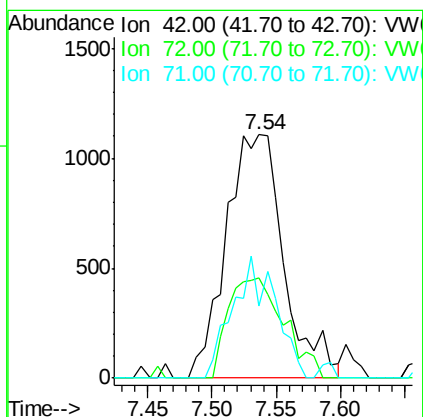
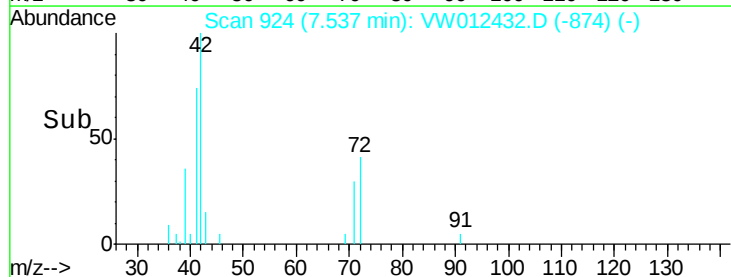
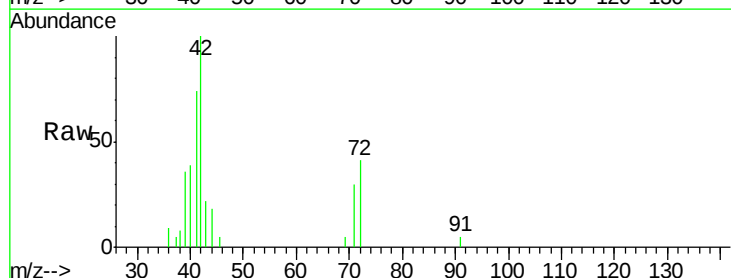
Instrument :
MSVOA_W
ClientSampleId :
T2-S-B2-(0)

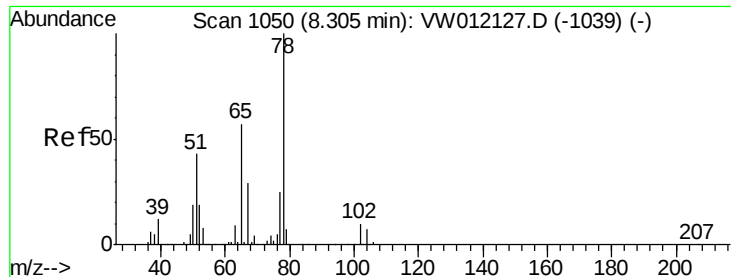
Tot Ion:	84	Resp:	18462
Ion	Ratio	Lower	Upper
84	100		
49	153.3	117.8	176.8
51	43.5	35.6	53.4
86	54.8	51.2	76.8



#29
Tetrahydrofuran
Concen: 7.466 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012432.D
Acq: 01 Sep 2019 06:39

Tgt Ion:	42	Resp:	3448
Ion	Ratio	Lower	Upper
42	100		
72	39.8	27.3	40.9
71	37.2	25.5	38.3

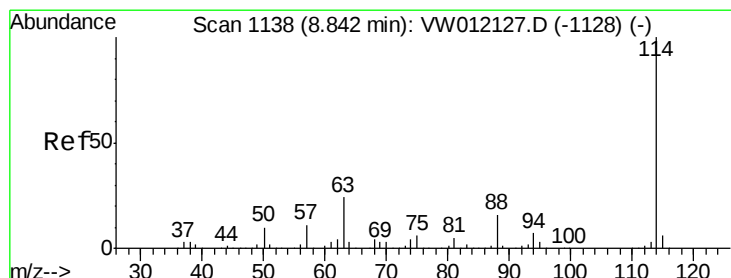
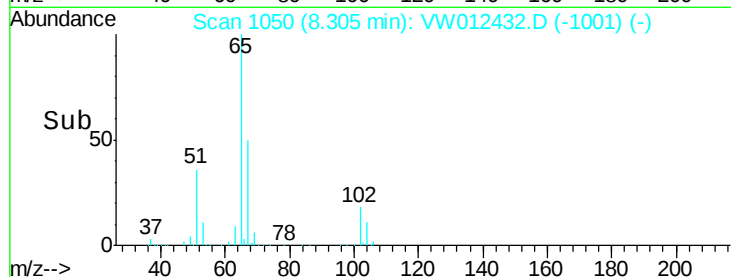
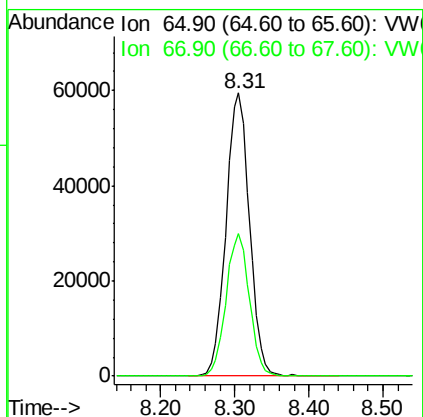
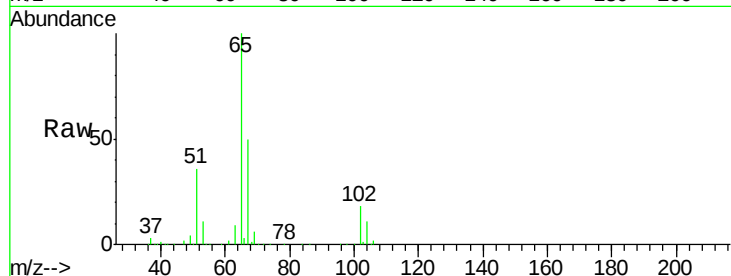




#33
 1,2-Dichloroethane-d4
 Concen: 59.093 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012432.D
 Acq: 01 Sep 2019 06:39

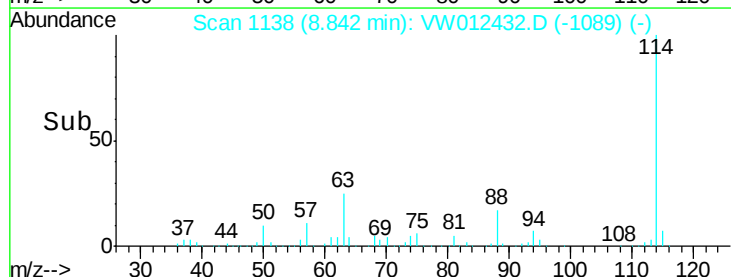
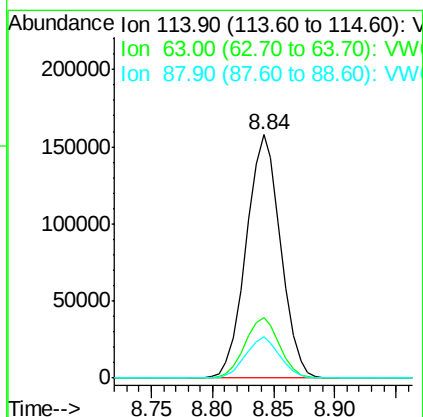
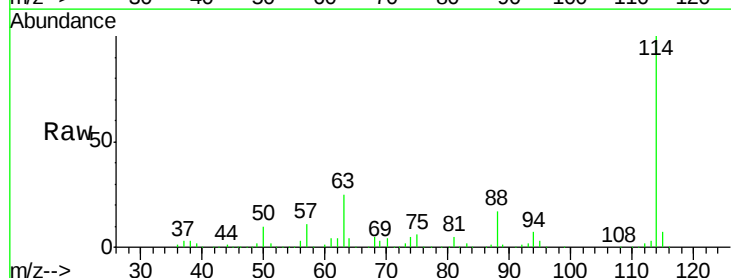
Instrument :
 MSVOA_W
 ClientSampleId :
 T2-S-B2-(0)

Tot Ion: 65 Resp: 130948
 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: VW012432.D
 Acq: 01 Sep 2019 06:39

Tgt Ion: 114 Resp: 308373
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 48.6
 88 16.7 0.0 32.2

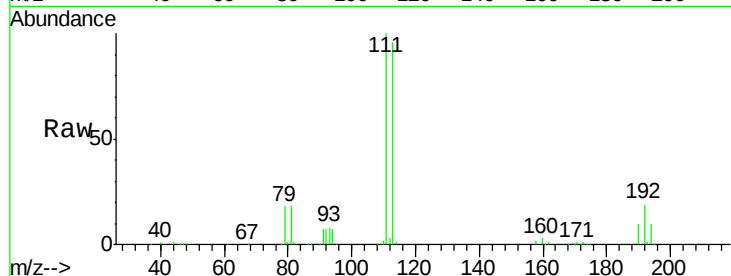




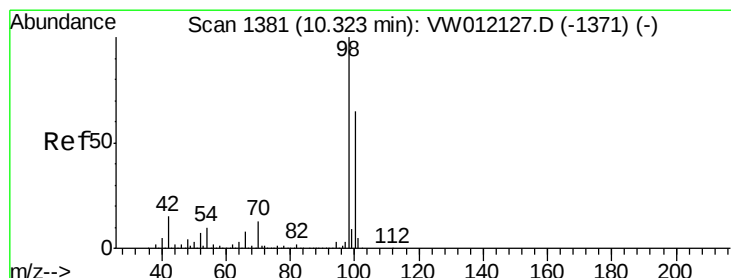
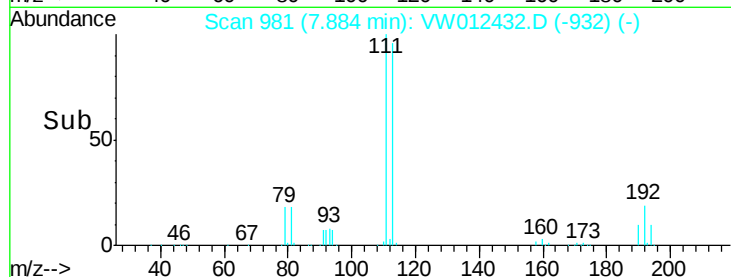
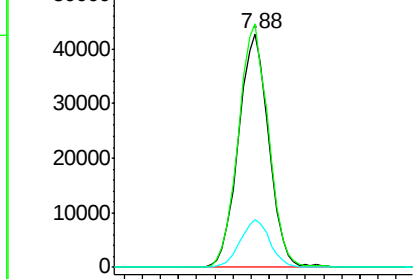
#35
 Dibromofluoromethane
 Concen: 53.835 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012432.D
 Acq: 01 Sep 2019 06:39

Instrument :
 MSVOA_W
 ClientSampleId :
 T2-S-B2-(0)

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.7	124.1
192	19.9	16.2	24.2

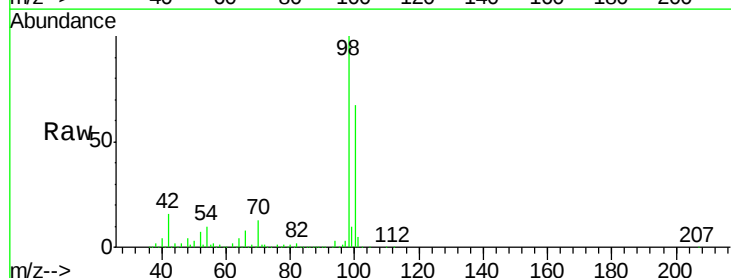


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

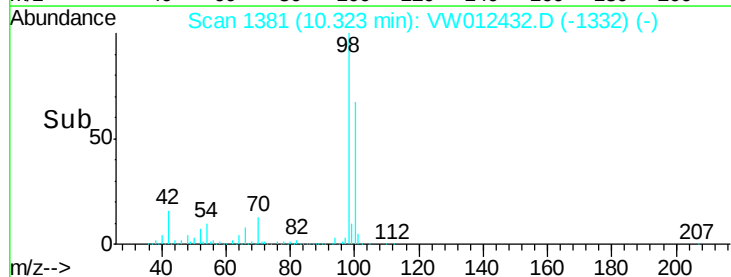
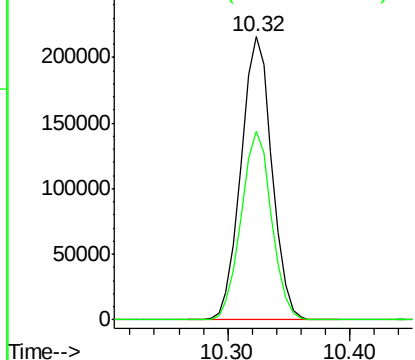


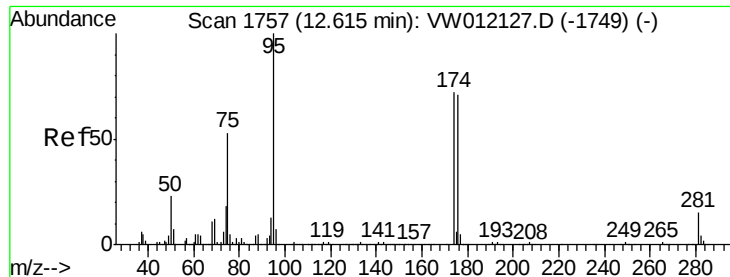
#50
 Toluene-d8
 Concen: 50.543 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012432.D
 Acq: 01 Sep 2019 06:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.4	78.6



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW

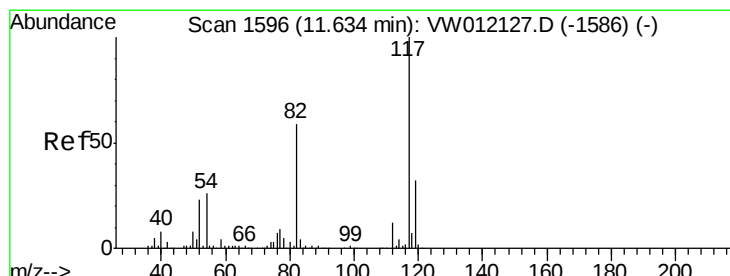
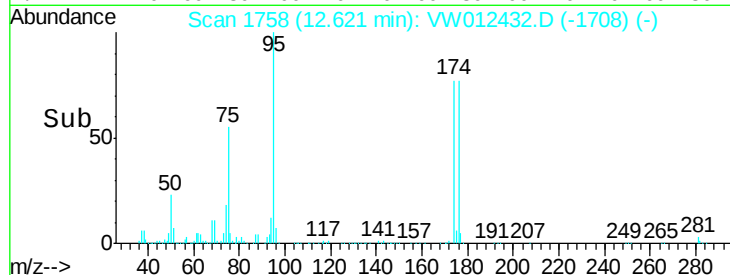
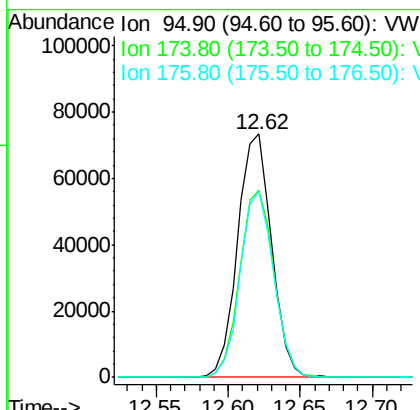
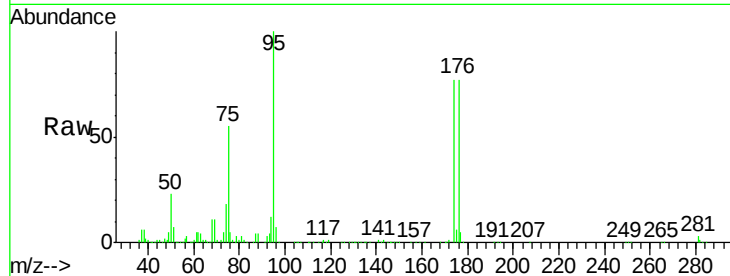




#62
4-Bromofluorobenzene
Concen: 45.490 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW012432.D
Acq: 01 Sep 2019 06:39

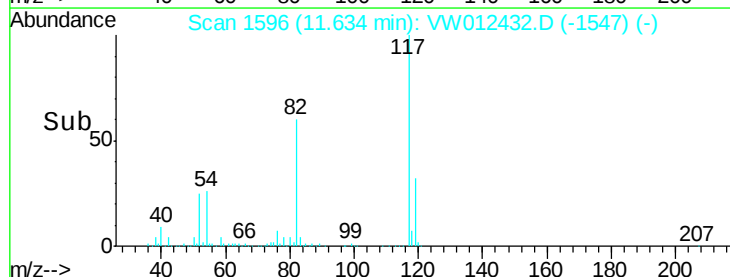
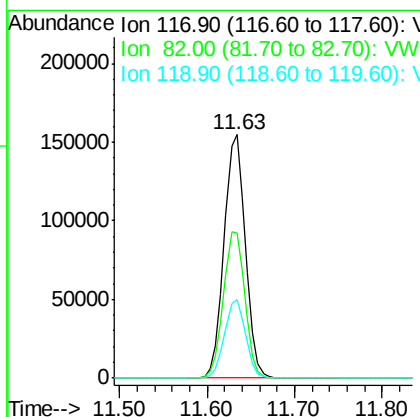
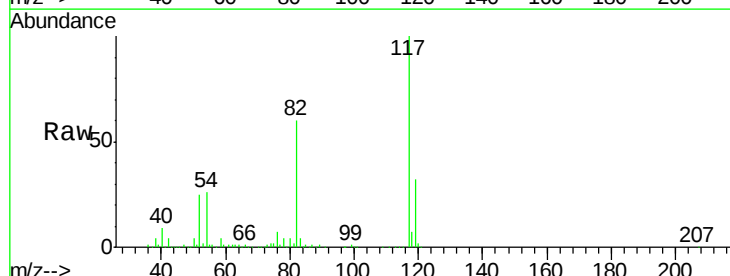
Instrument :
MSVOA_W
ClientSampleId :
T2-S-B2-(0)

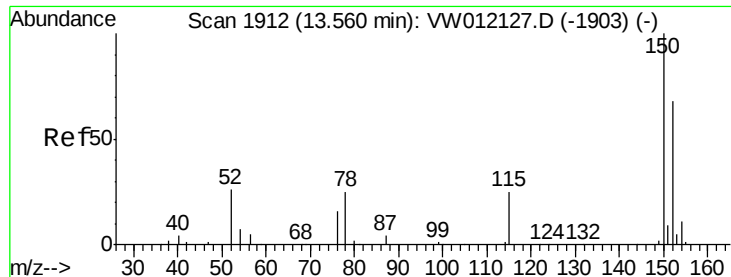
Tot Ion	95	Resp	119677
Ion Ratio	Lower	Upper	
95	100		
174	77.7	0.0	150.8
176	75.5	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012432.D
Acq: 01 Sep 2019 06:39

Tgt Ion	117	Resp	260391
Ion Ratio	Lower	Upper	
117	100		
82	59.7	47.4	71.2
119	32.2	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012432.D

Acq: 01 Sep 2019 06:39

Instrument :

MSVOA_W

ClientSampleId :

T2-S-B2-(0)

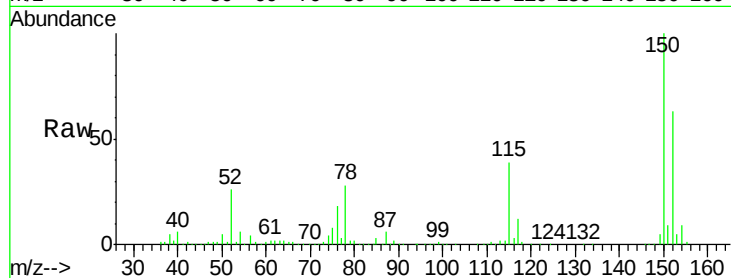
Tot Ion:152 Resp: 104352

Ion Ratio Lower Upper

152 100

115 61.9 30.1 90.3

150 157.5 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

