

Data File : VW009022.D
Acq On : 06 Mar 2019 18:24
Operator : SY/VA
Sample : K1655-10
Misc : 6.6G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A0C12-2-1.5-2.0

Quant Time: Mar 07 07:46:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030619S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:22:06 2019
Response via : Initial Calibration

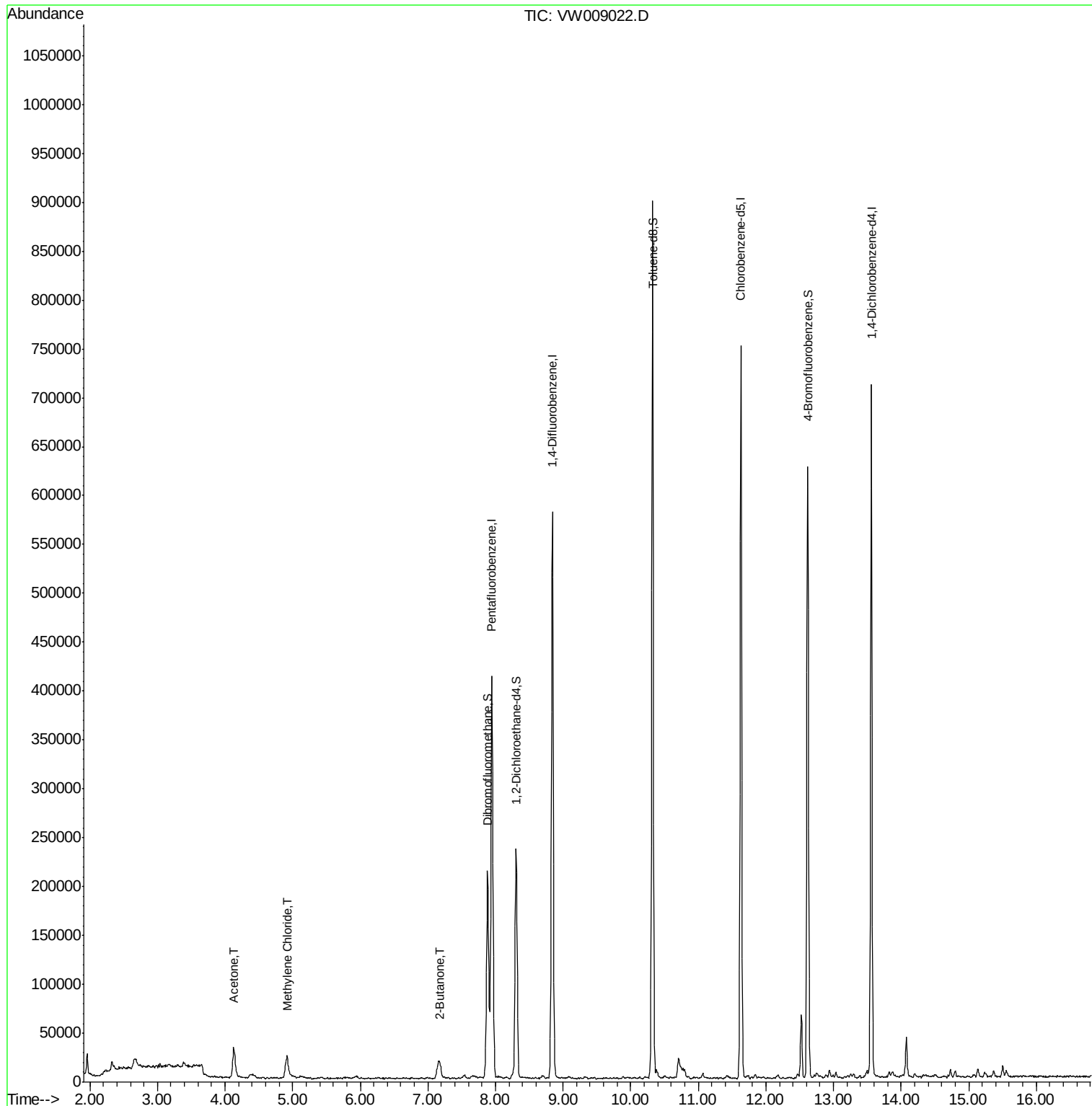
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	306554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	470645	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	401835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	172625	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	175547	57.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.16%	
35) Dibromofluoromethane	7.88	113	142594	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
50) Toluene-d8	10.32	98	558168	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
62) 4-Bromofluorobenzene	12.62	95	182681	40.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.26%	
Target Compounds						
16) Acetone	4.13	43	56916	90.102	ug/l	98
20) Methylene Chloride	4.92	84	15736	2.905	ug/l	96
25) 2-Butanone	7.18	43	19480	21.678	ug/l	98

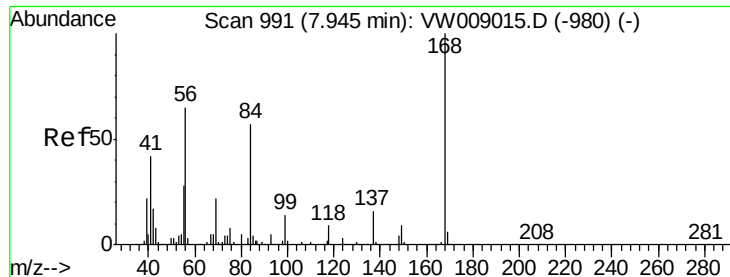
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

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MSVOA_W

ClientSampleId :

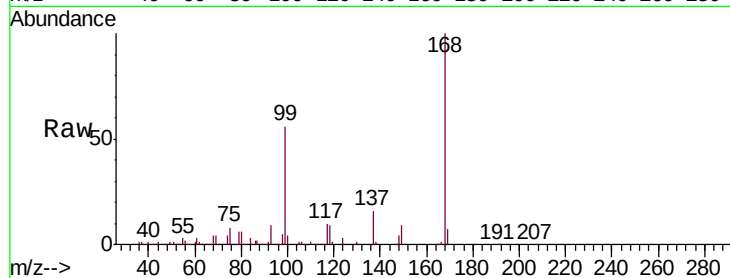
A0C12-2-1.5-2.0

Tgt Ion:168 Resp: 306554

Ion Ratio Lower Upper

168 100

99 56.5 43.5 65.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

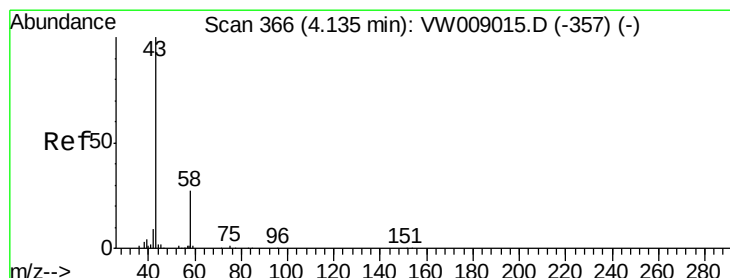
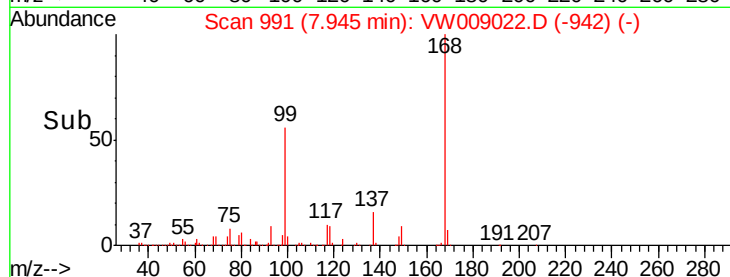
100000

50000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 90.102 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW009022.D

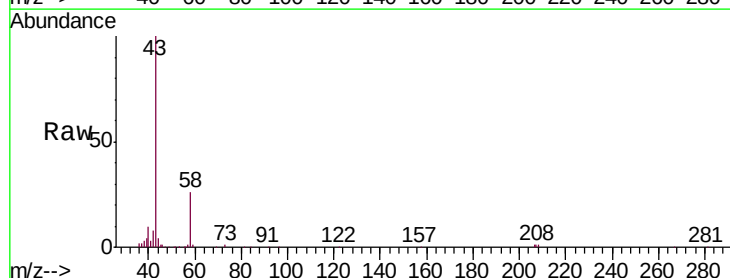
Acq: 06 Mar 2019 18:24

Tgt Ion: 43 Resp: 56916

Ion Ratio Lower Upper

43 100

58 25.8 21.6 32.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

20000

15000

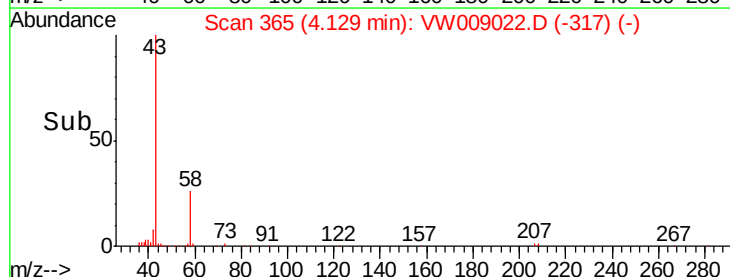
10000

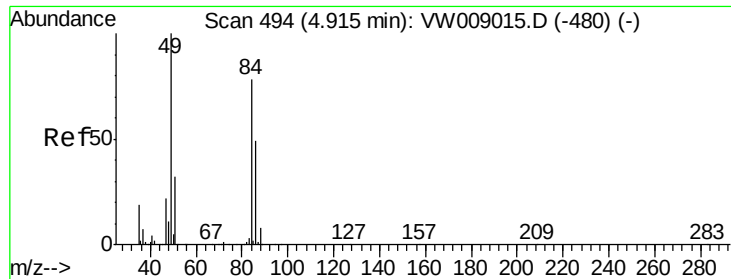
5000

0

4.00 4.10 4.20

Time-->

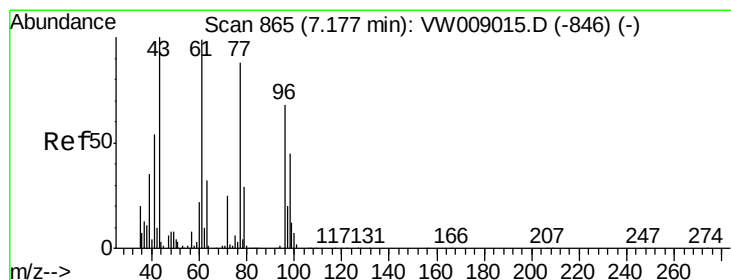
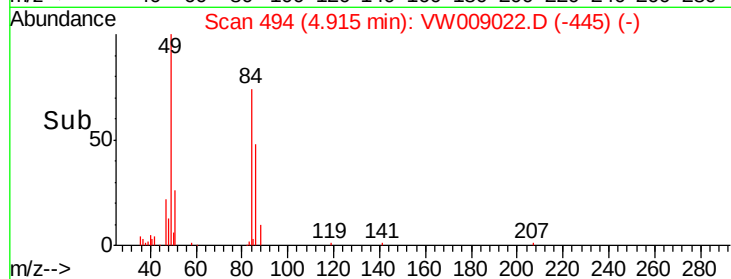
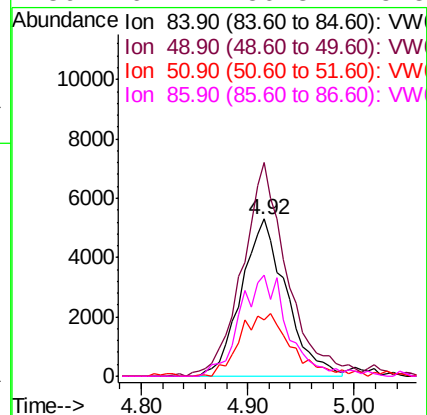
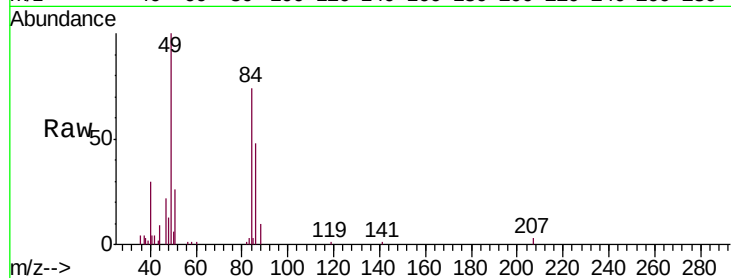




#20
Methylene Chloride
Concen: 2.905 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009022.D
Acq: 06 Mar 2019 18:24

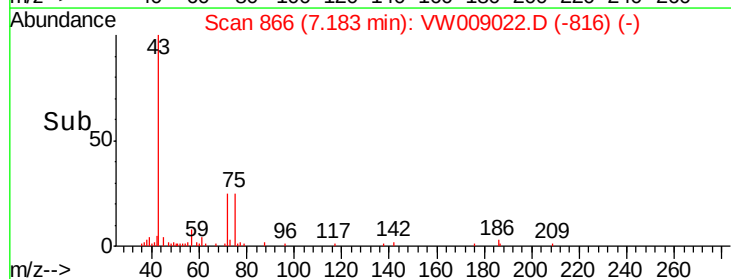
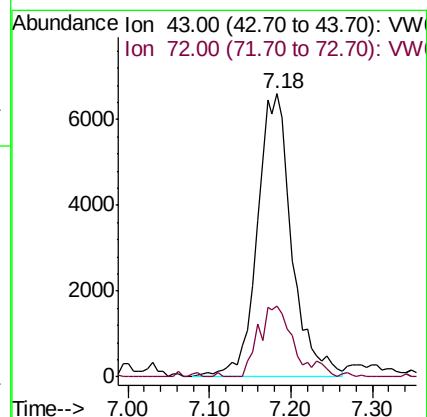
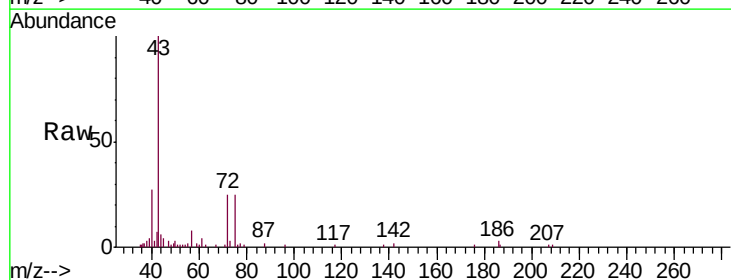
Instrument :
MSVOA_W
ClientSampleId :
A0C12-2-1.5-2.0

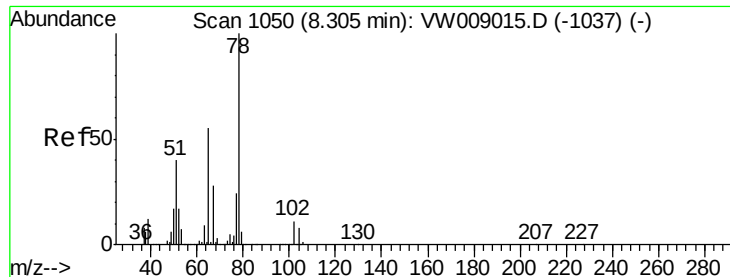
Tgt Ion:	84	Resp:	15736
Ion	Ratio	Lower	Upper
84	100		
49	133.3	102.8	154.2
51	35.6	32.4	48.6
86	64.7	50.3	75.5



#25
2-Butanone
Concen: 21.678 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW009022.D
Acq: 06 Mar 2019 18:24

Tgt Ion:	43	Resp:	19480
Ion	Ratio	Lower	Upper
43	100		
72	24.3	20.2	30.2

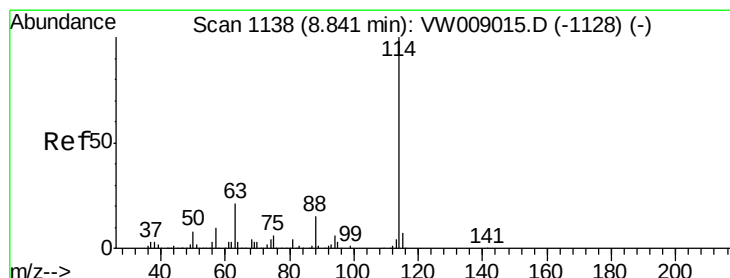
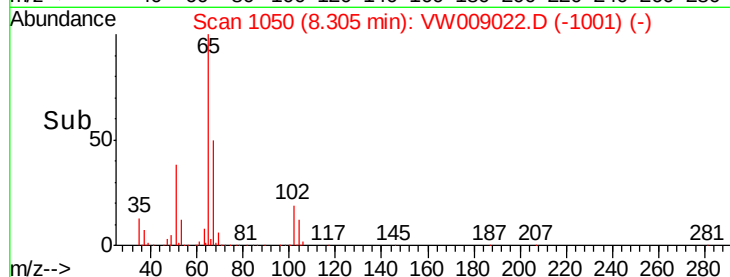
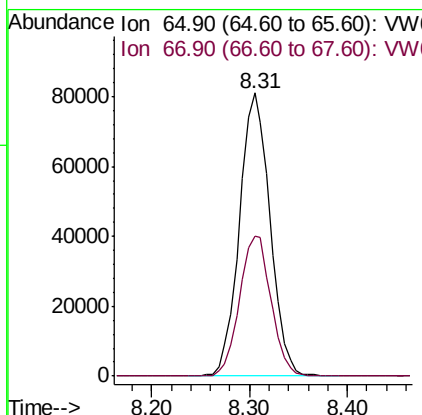
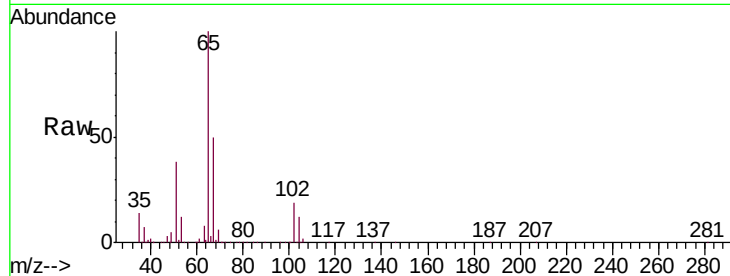




#33
 1,2-Dichloroethane-d4
 Concen: 57.080 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW009022.D
 Acq: 06 Mar 2019 18:24

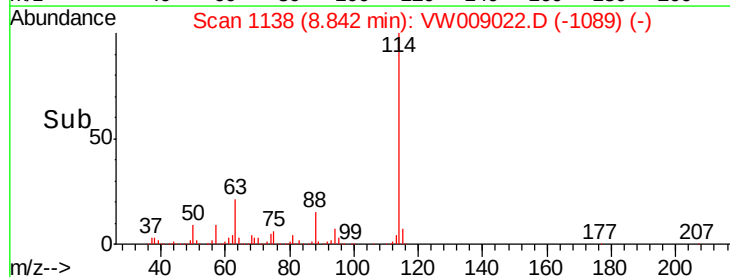
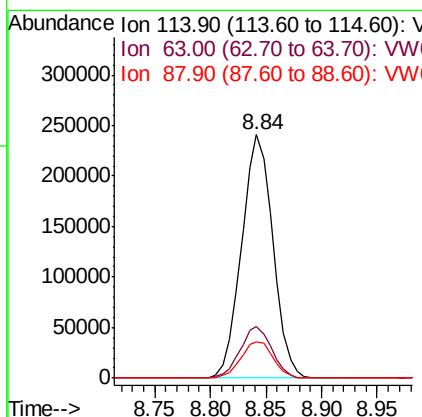
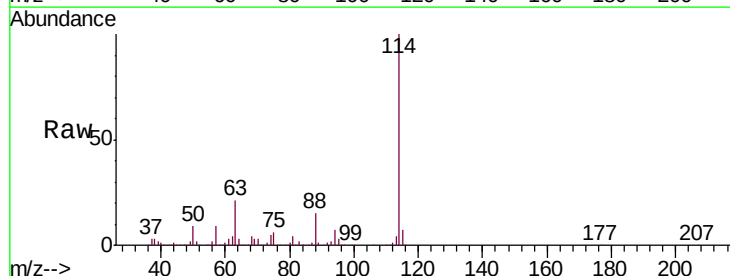
Instrument :
 MSVOA_W
 ClientSampleId :
 A0C12-2-1.5-2.0

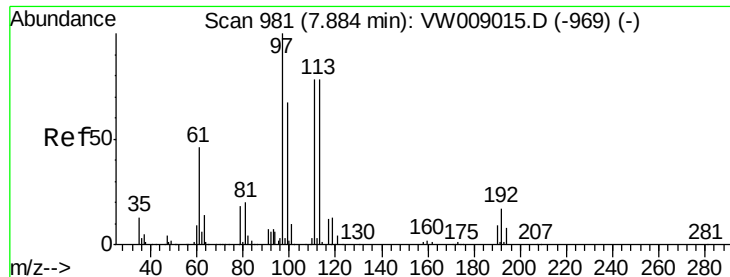
Tgt Ion: 65 Resp: 175547
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009022.D
 Acq: 06 Mar 2019 18:24

Tgt Ion: 114 Resp: 470645
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.4
 88 15.1 0.0 30.8





#35

Dibromofluoromethane

Concen: 50.329 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW009022.D

Acq: 06 Mar 2019 18:24

Instrument :

MSVOA_W

ClientSampleId :

A0C12-2-1.5-2.0

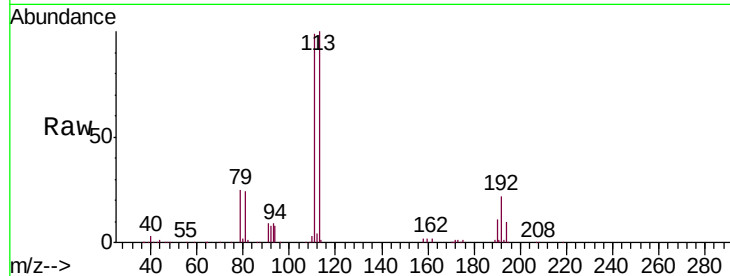
Tgt Ion:113 Resp: 142594

Ion Ratio Lower Upper

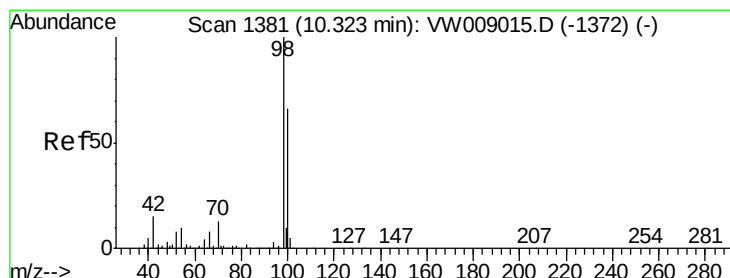
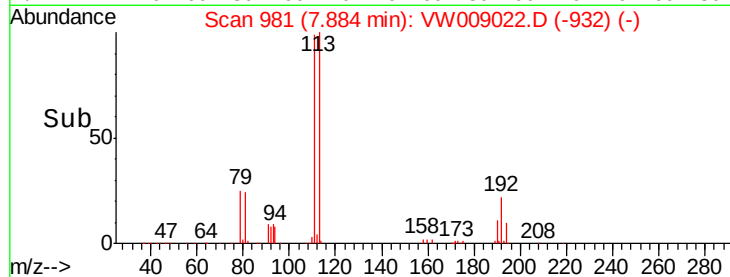
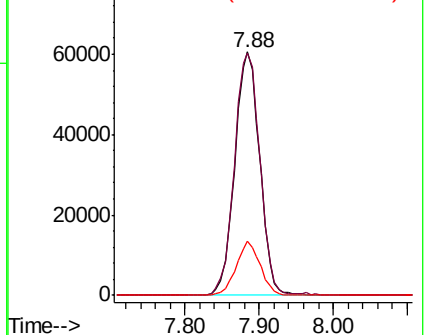
113 100

111 101.1 80.5 120.7

192 21.1 16.7 25.1



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: 47.940 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009022.D

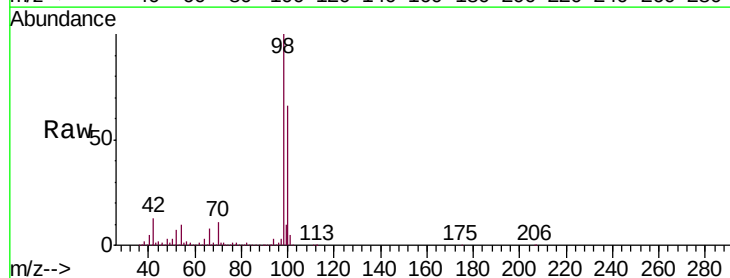
Acq: 06 Mar 2019 18:24

Tgt Ion: 98 Resp: 558168

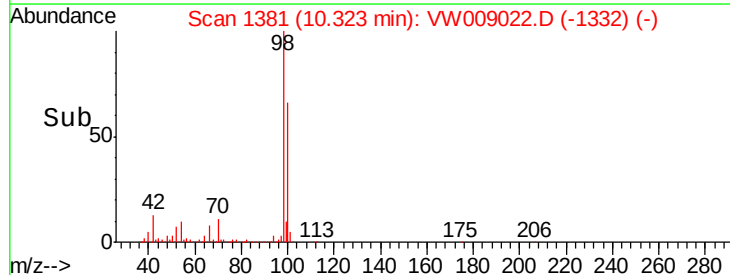
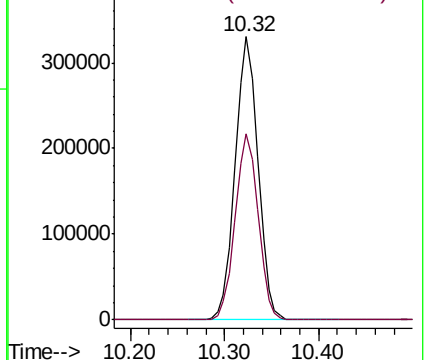
Ion Ratio Lower Upper

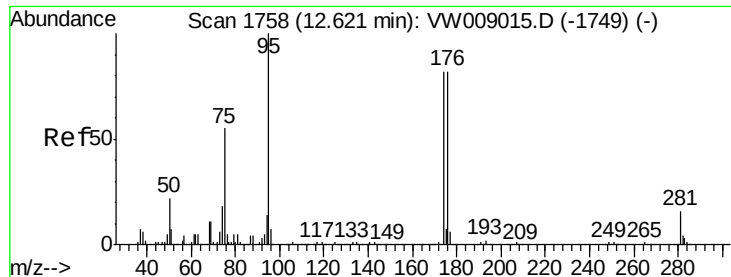
98 100

100 66.2 52.9 79.3



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

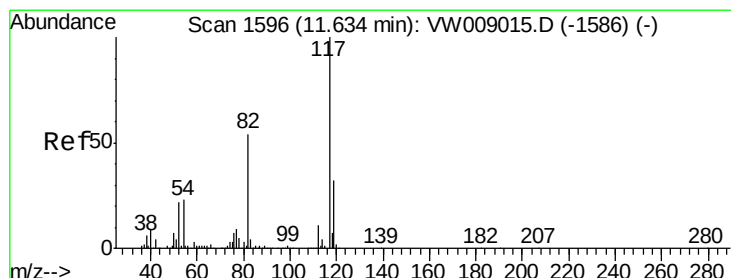
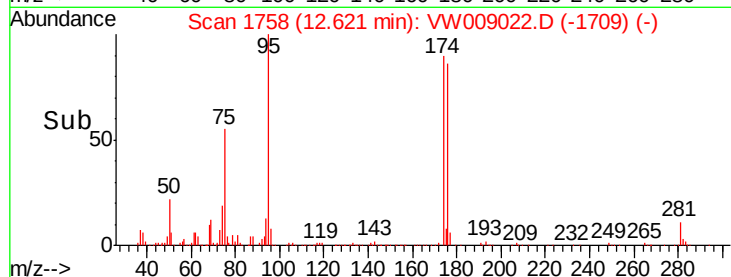
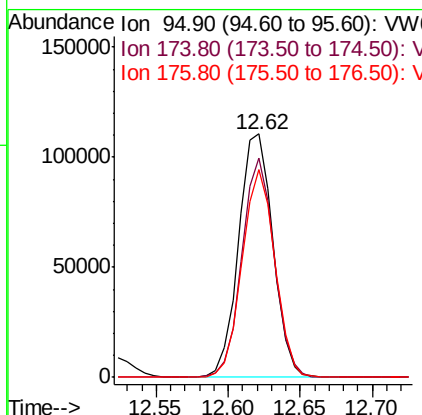
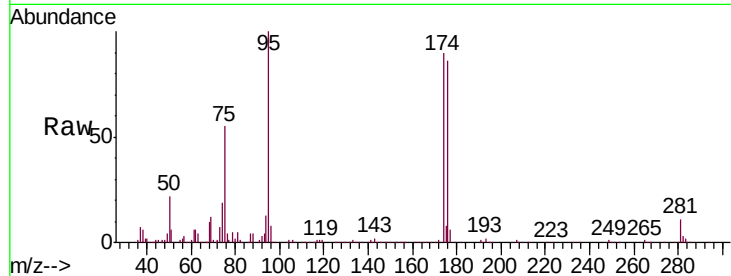




#62
4-Bromofluorobenzene
Concen: 40.626 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW009022.D
Acq: 06 Mar 2019 18:24

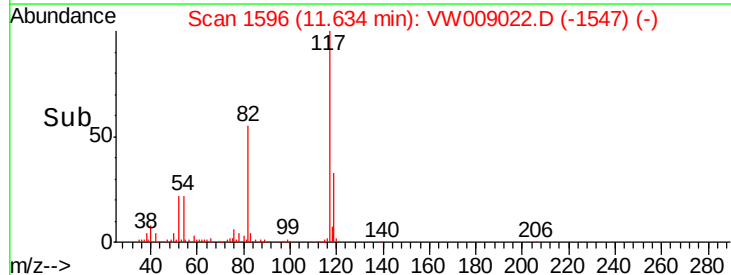
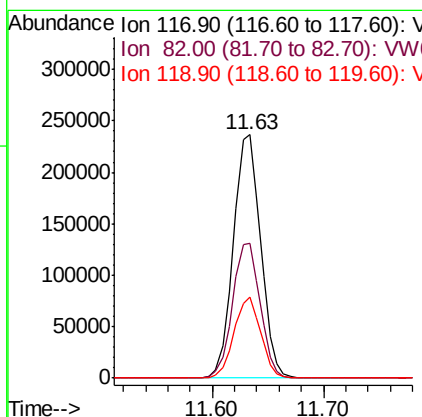
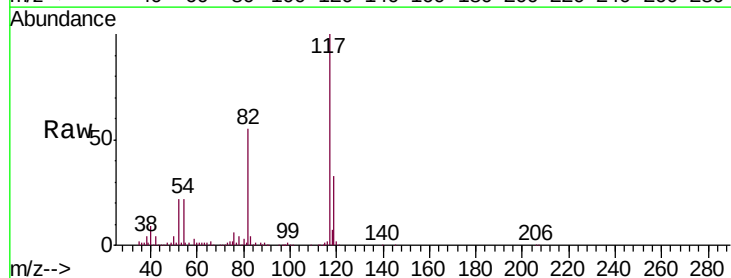
Instrument :
MSVOA_W
ClientSampleId :
A0C12-2-1.5-2.0

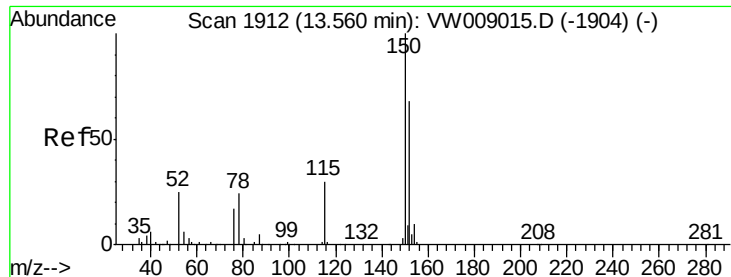
Tgt Ion: 95 Resp: 182681
Ion Ratio Lower Upper
95 100
174 84.7 0.0 165.8
176 81.3 0.0 159.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009022.D
Acq: 06 Mar 2019 18:24

Tgt Ion: 117 Resp: 401835
Ion Ratio Lower Upper
117 100
82 55.3 43.4 65.2
119 33.2 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW009022.D

Acq: 06 Mar 2019 18:24

Instrument :

MSVOA_W

ClientSampleId :

A0C12-2-1.5-2.0

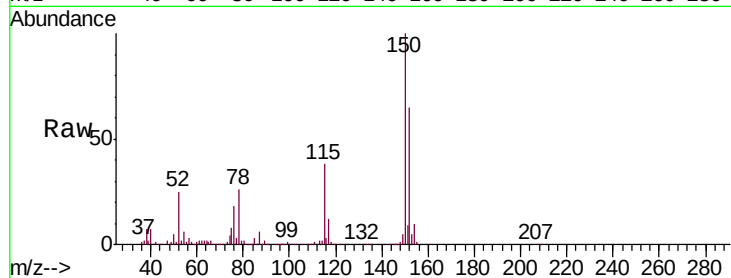
Tgt Ion:152 Resp: 172625

Ion Ratio Lower Upper

152 100

115 58.2 29.3 87.8

150 158.1 0.0 348.6



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

