

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080319\
 Data File : VW011645.D
 Acq On : 03 Aug 2019 03:26
 Operator : SY/VA
 Sample : K4131-10
 Misc : 4.87G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-D4-(30)

Quant Time: Aug 04 00:56:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

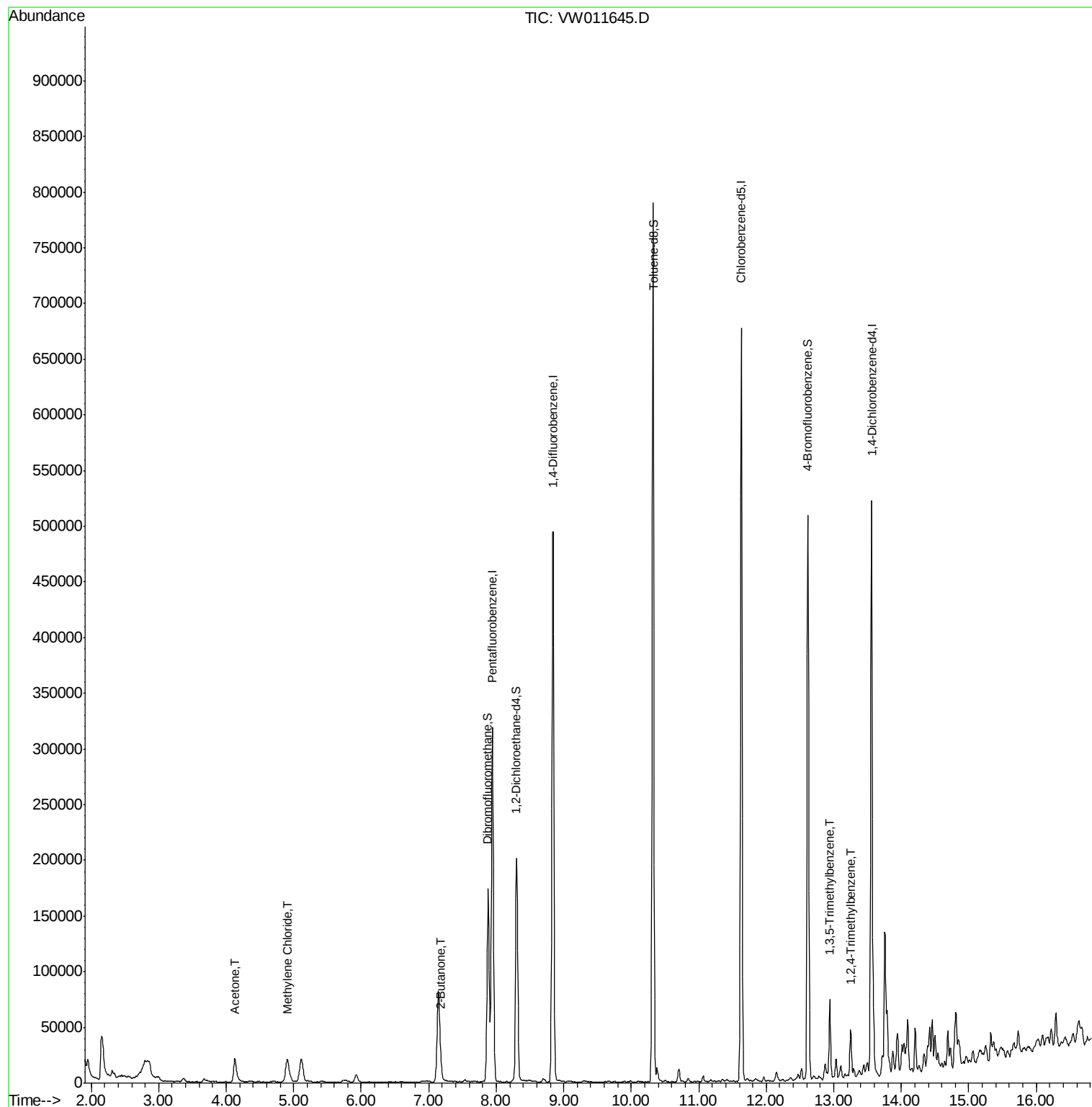
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	234804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	396899	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	351593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	129608	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	159997	59.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.68%	
35) Dibromofluoromethane	7.88	113	122444	54.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.98%	
50) Toluene-d8	10.32	98	503544	55.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.46%	
62) 4-Bromofluorobenzene	12.62	95	162918	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
Target Compounds						
16) Acetone	4.13	43	42273	49.289	ug/l	96
20) Methylene Chloride	4.90	84	14527	4.911	ug/l	89
25) 2-Butanone	7.18	43	16031	14.284	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	32074	3.957	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	23030	2.821	ug/l	99

(#) = 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: VW011645.D

Acq: 03 Aug 2019 03:26

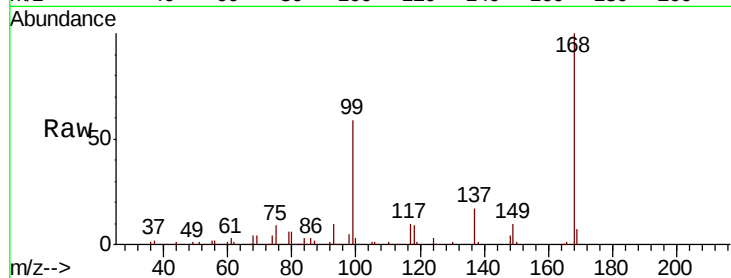
Instrument :
MSVOA_W
ClientSampleId :
1S-D4-(30)

Tot Ion:168 Resp: 234804

Ion Ratio Lower Upper

168 100

99 59.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

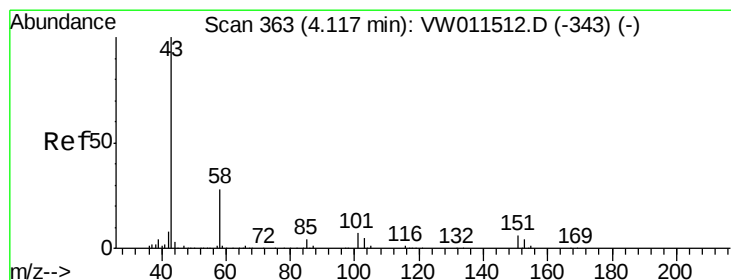
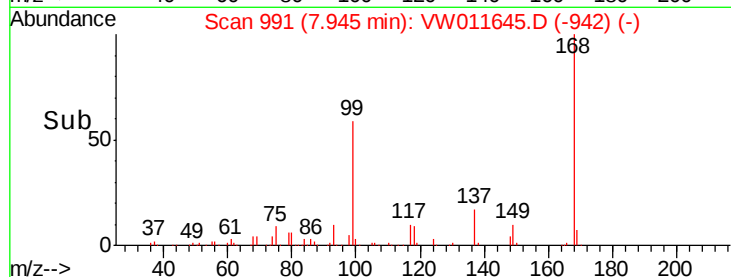
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 49.289 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011645.D

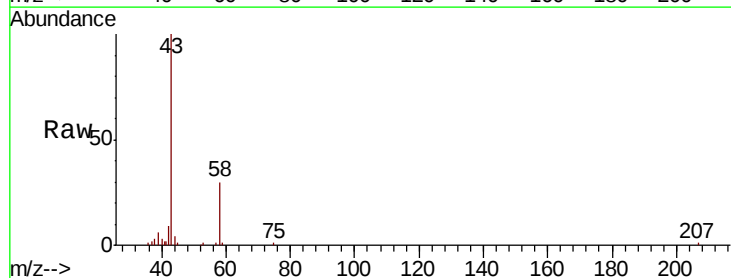
Acq: 03 Aug 2019 03:26

Tgt Ion: 43 Resp: 42273

Ion Ratio Lower Upper

43 100

58 30.2 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

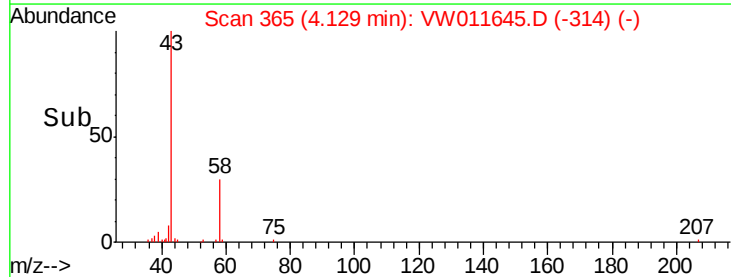
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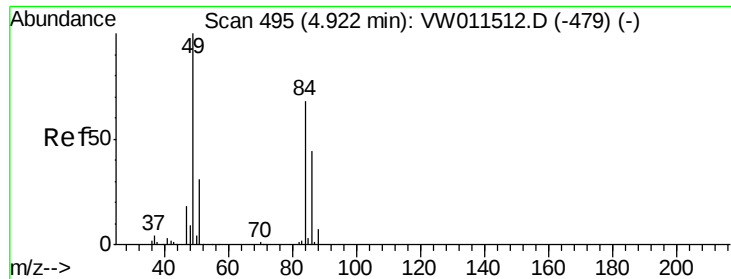
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Time-->

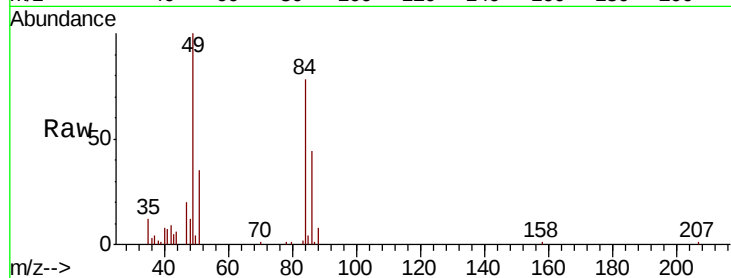




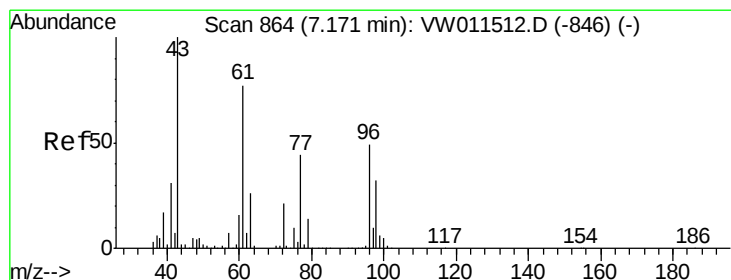
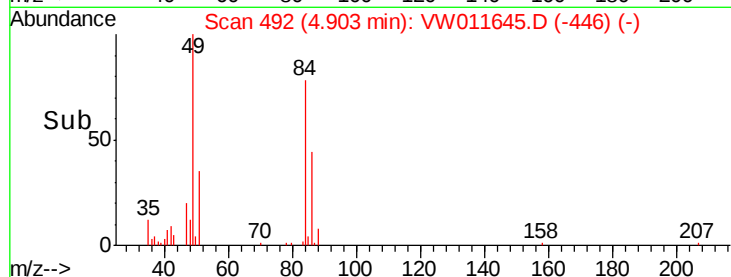
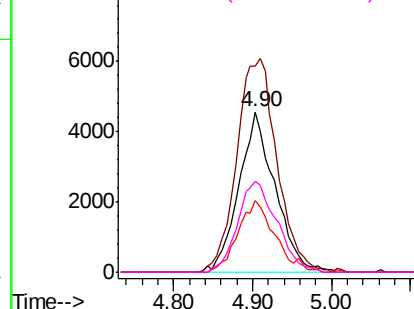
#20
Methvlene Chloride
Concen: 4.911 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.02 min
Lab File: VW011645.D
Acq: 03 Aug 2019 03:26

Instrument :
MSVOA_W
ClientSampleId :
1S-D4-(30)

Tot Ion:	84	Resp:	14527
Ion	Ratio	Lower	Upper
84	100		
49	128.8	117.8	176.6
51	45.1	37.0	55.4
86	56.9	51.8	77.8

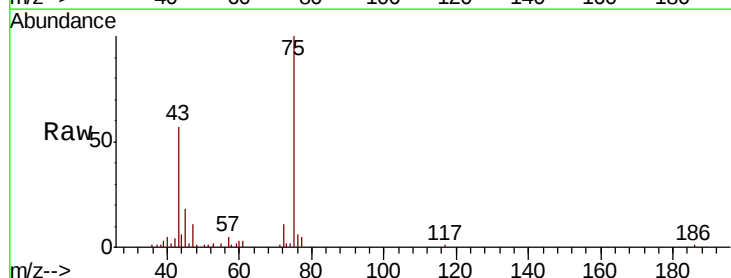


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

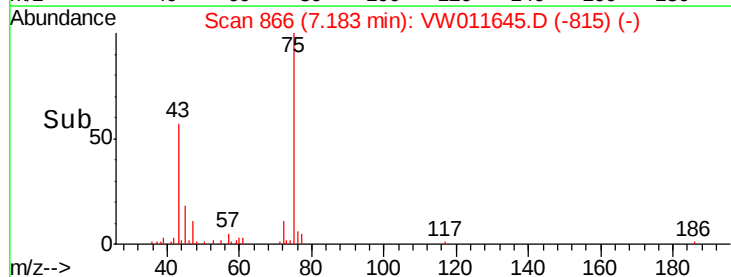
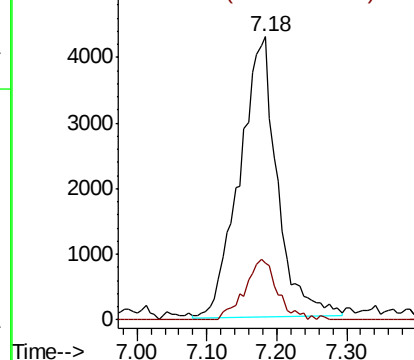


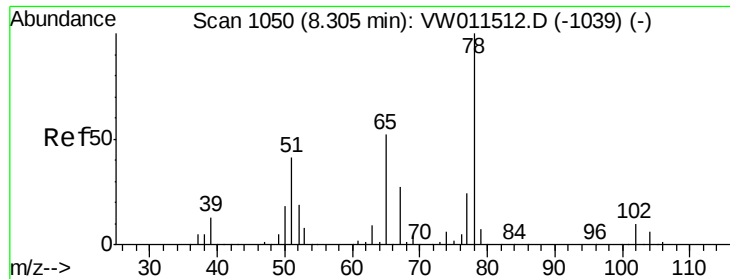
#25
2-Butanone
Concen: 14.284 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW011645.D
Acq: 03 Aug 2019 03:26

Tgt Ion:	43	Resp:	16031
Ion	Ratio	Lower	Upper
43	100		
72	20.3	16.6	24.8



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

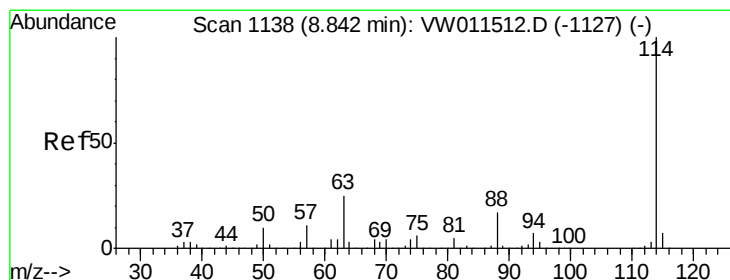
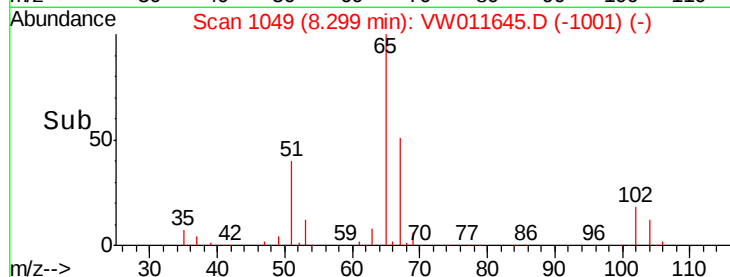
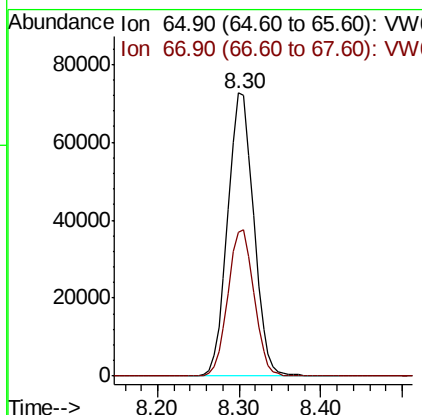
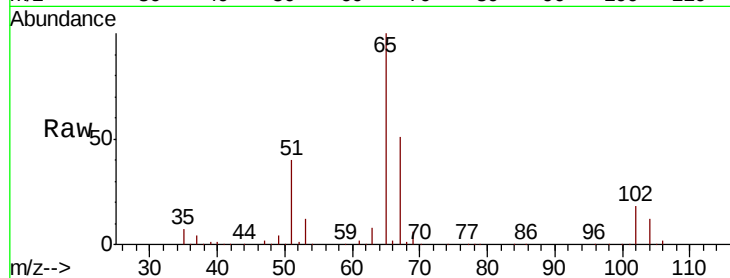




#33
 1,2-Dichloroethane-d4
 Concen: 59.342 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW011645.D
 Acq: 03 Aug 2019 03:26

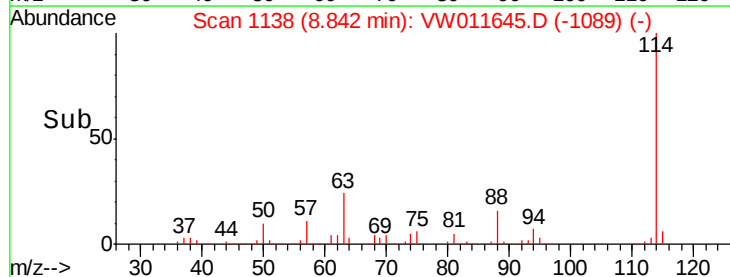
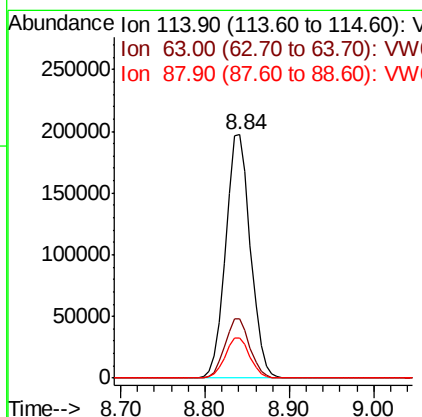
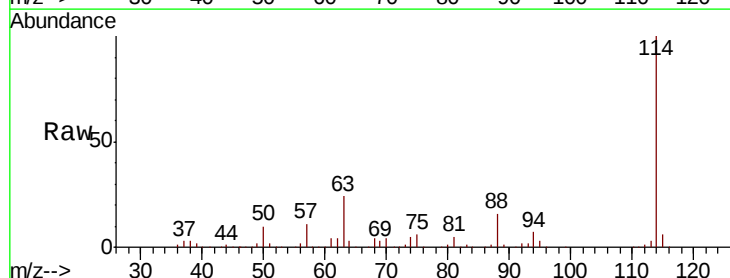
Instrument :
 MSVOA_W
 ClientSampleId :
 1S-D4-(30)

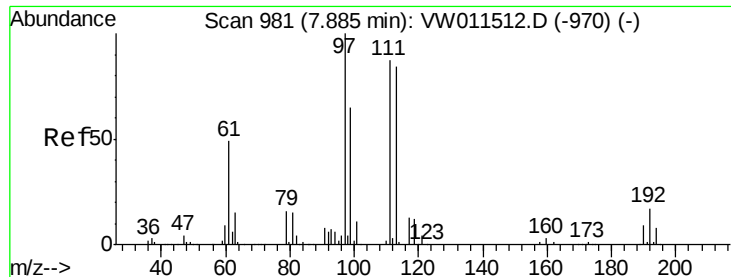
Tot Ion: 65 Resp: 159997
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011645.D
 Acq: 03 Aug 2019 03:26

Tgt Ion: 114 Resp: 396899
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 49.2
 88 16.5 0.0 33.8

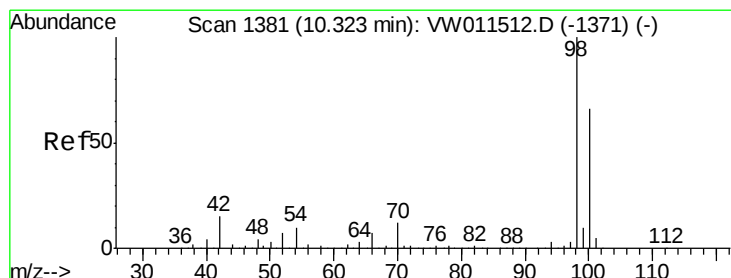
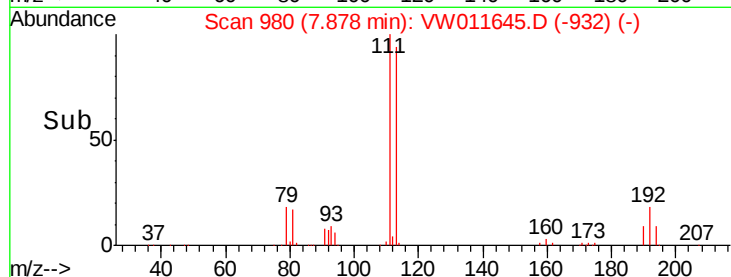
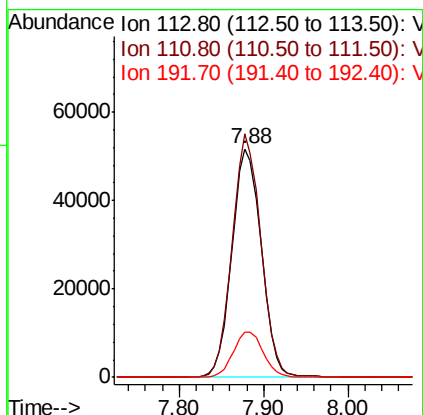
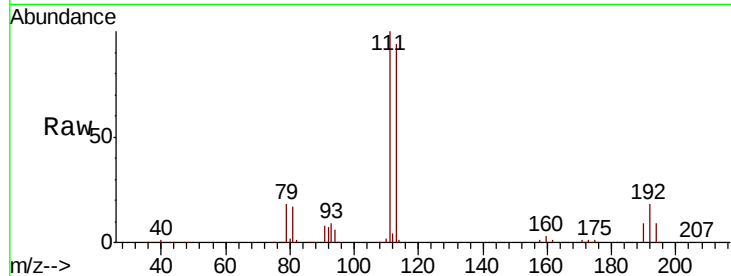




#35
 Dibromofluoromethane
 Concen: 54.990 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011645.D
 Acq: 03 Aug 2019 03:26

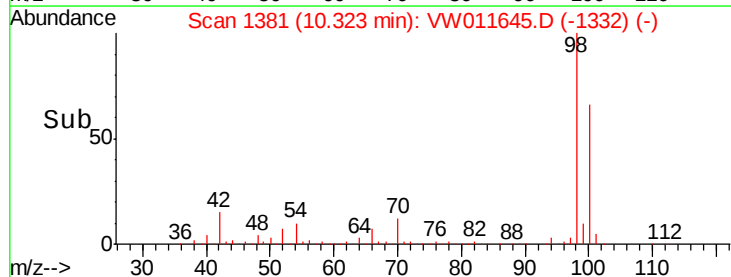
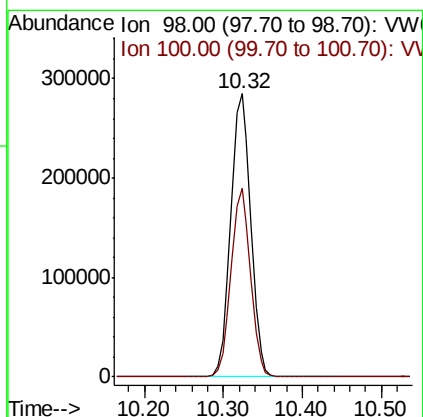
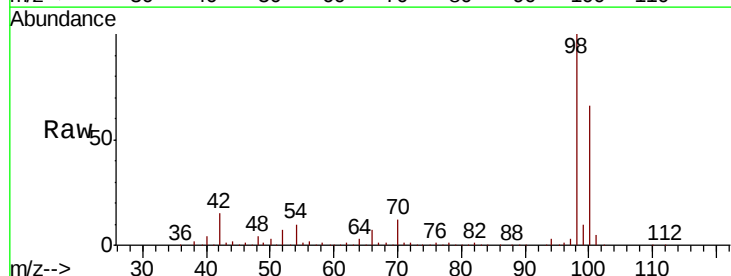
Instrument :
 MSVOA_W
 ClientSampleId :
 1S-D4-(30)

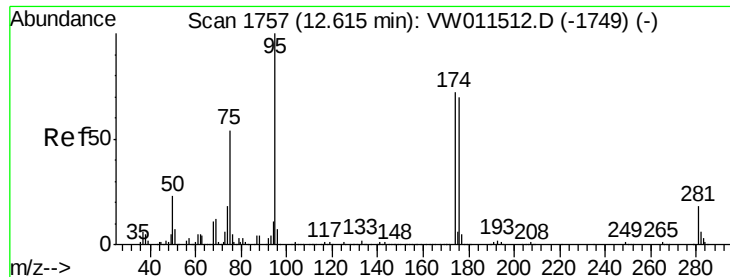
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.7	124.1
192	20.0	16.1	24.1



#50
 Toluene-d8
 Concen: 55.233 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW011645.D
 Acq: 03 Aug 2019 03:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.7	79.1

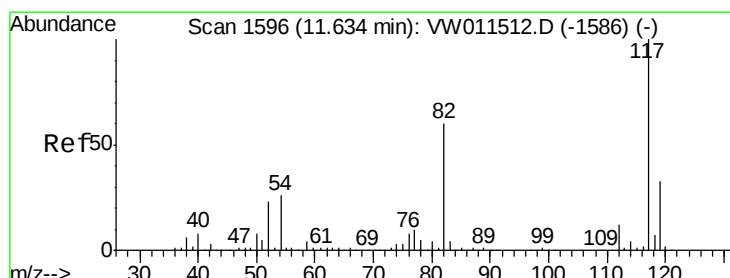
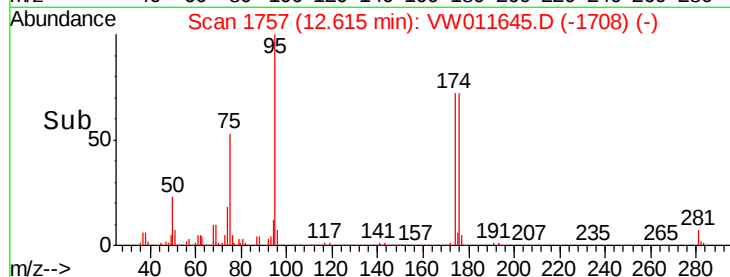
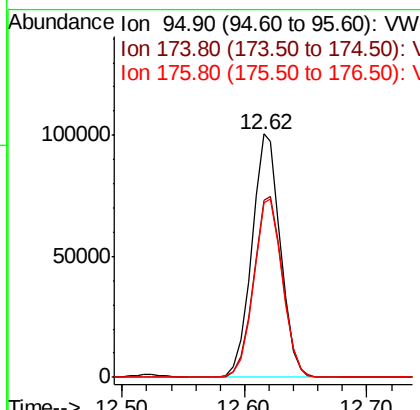
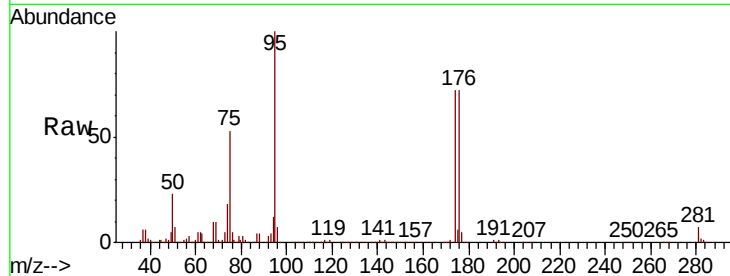




#62
4-Bromofluorobenzene
Concen: 50.124 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW011645.D
Acq: 03 Aug 2019 03:26

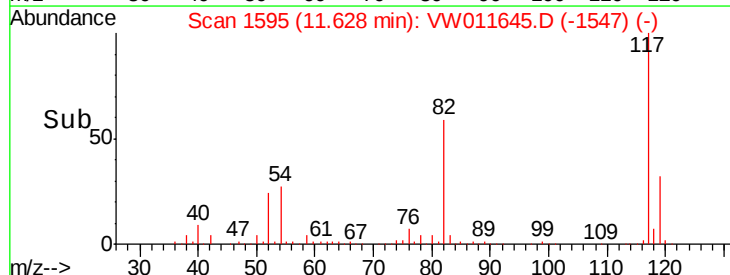
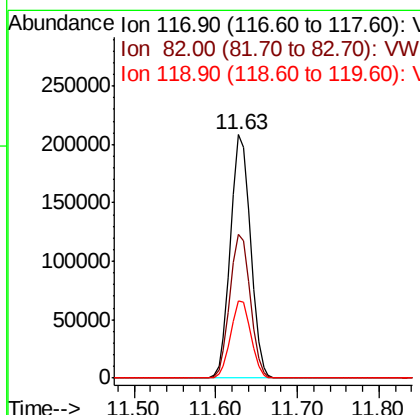
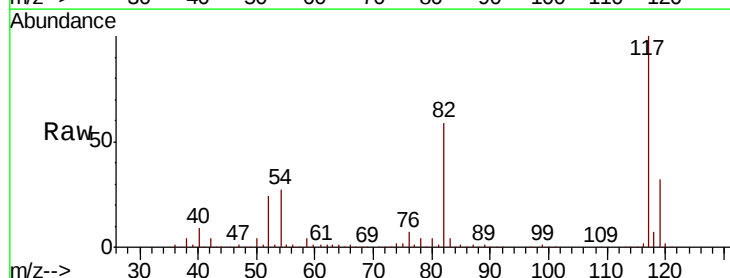
Instrument :
MSVOA_W
ClientSampleId :
1S-D4-(30)

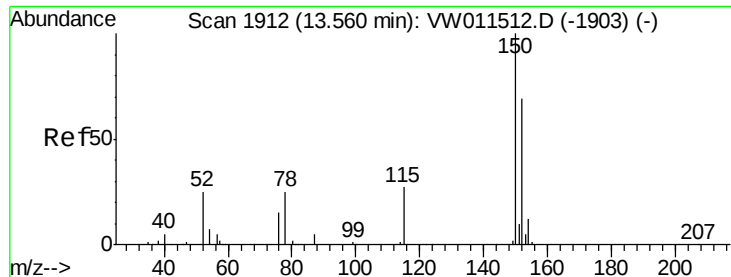
Tot Ion: 95 Resp: 162918
Ion Ratio Lower Upper
95 100
174 75.7 0.0 150.2
176 73.9 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011645.D
Acq: 03 Aug 2019 03:26

Tgt Ion: 117 Resp: 351593
Ion Ratio Lower Upper
117 100
82 58.8 47.9 71.9
119 31.5 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011645.D

Acq: 03 Aug 2019 03:26

Instrument :

MSVOA_W

ClientSampleId :

1S-D4-(30)

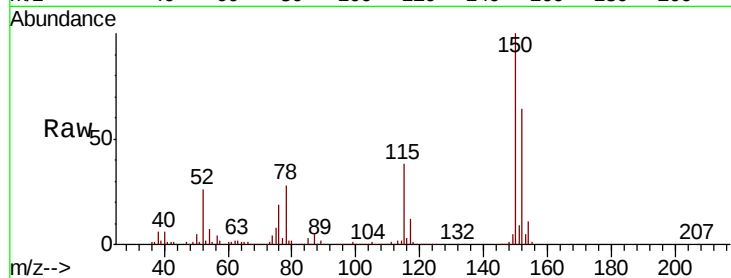
Tot Ion:152 Resp: 129608

Ion Ratio Lower Upper

152 100

115 61.5 30.5 91.5

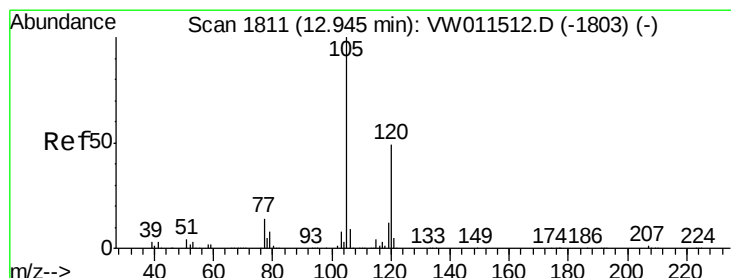
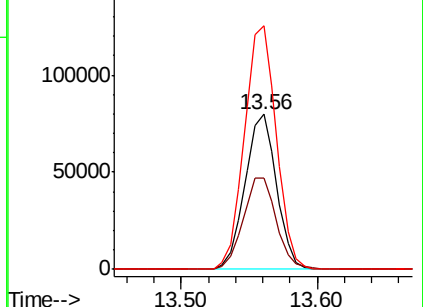
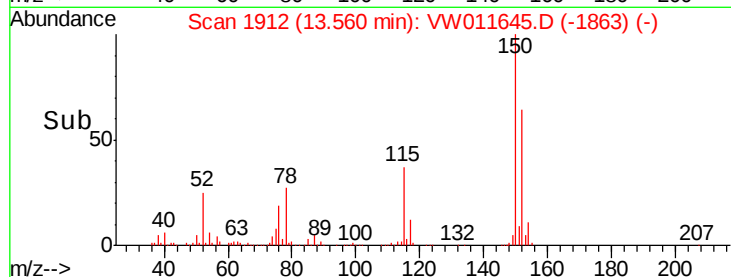
150 158.8 0.0 352.6



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



#80

1,3,5-Trimethylbenzene

Concen: 3.957 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW011645.D

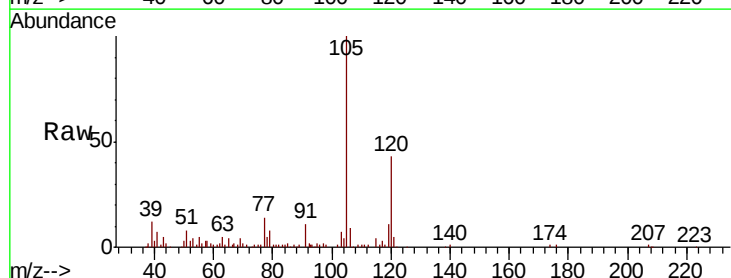
Acq: 03 Aug 2019 03:26

Tgt Ion:105 Resp: 32074

Ion Ratio Lower Upper

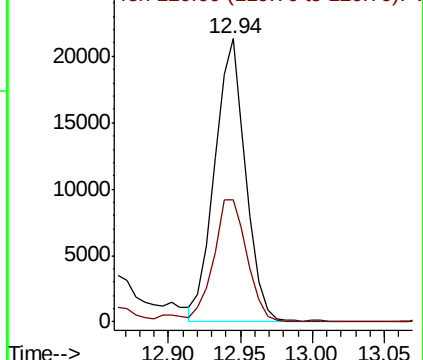
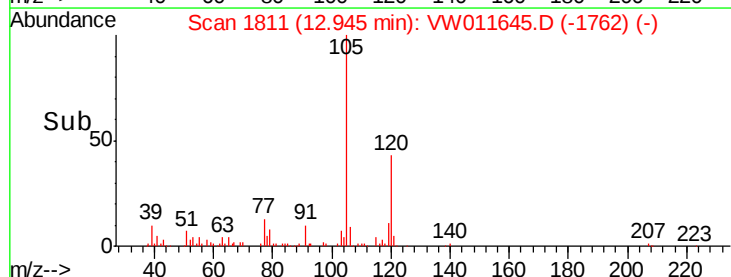
105 100

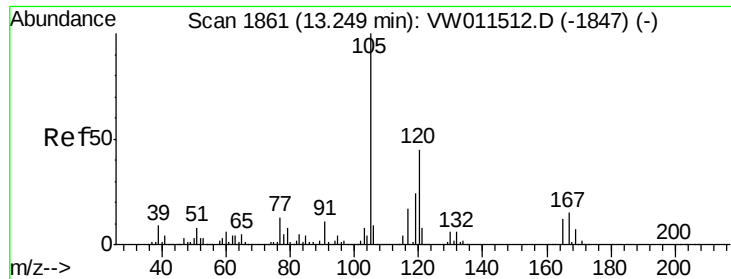
120 48.4 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#84
 1,2,4-Trimethylbenzene
 Concen: 2.821 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW011645.D
 Acq: 03 Aug 2019 03:26

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-D4-(30)

Tot Ion:105 Resp: 23030
 Ion Ratio Lower Upper
 105 100
 120 43.4 22.1 66.5

