

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080419\
 Data File : VW011670.D
 Acq On : 03 Aug 2019 17:04
 Operator : SY/VA
 Sample : K4152-10
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2S-H4-(30)

Quant Time: Aug 04 02:18:34 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

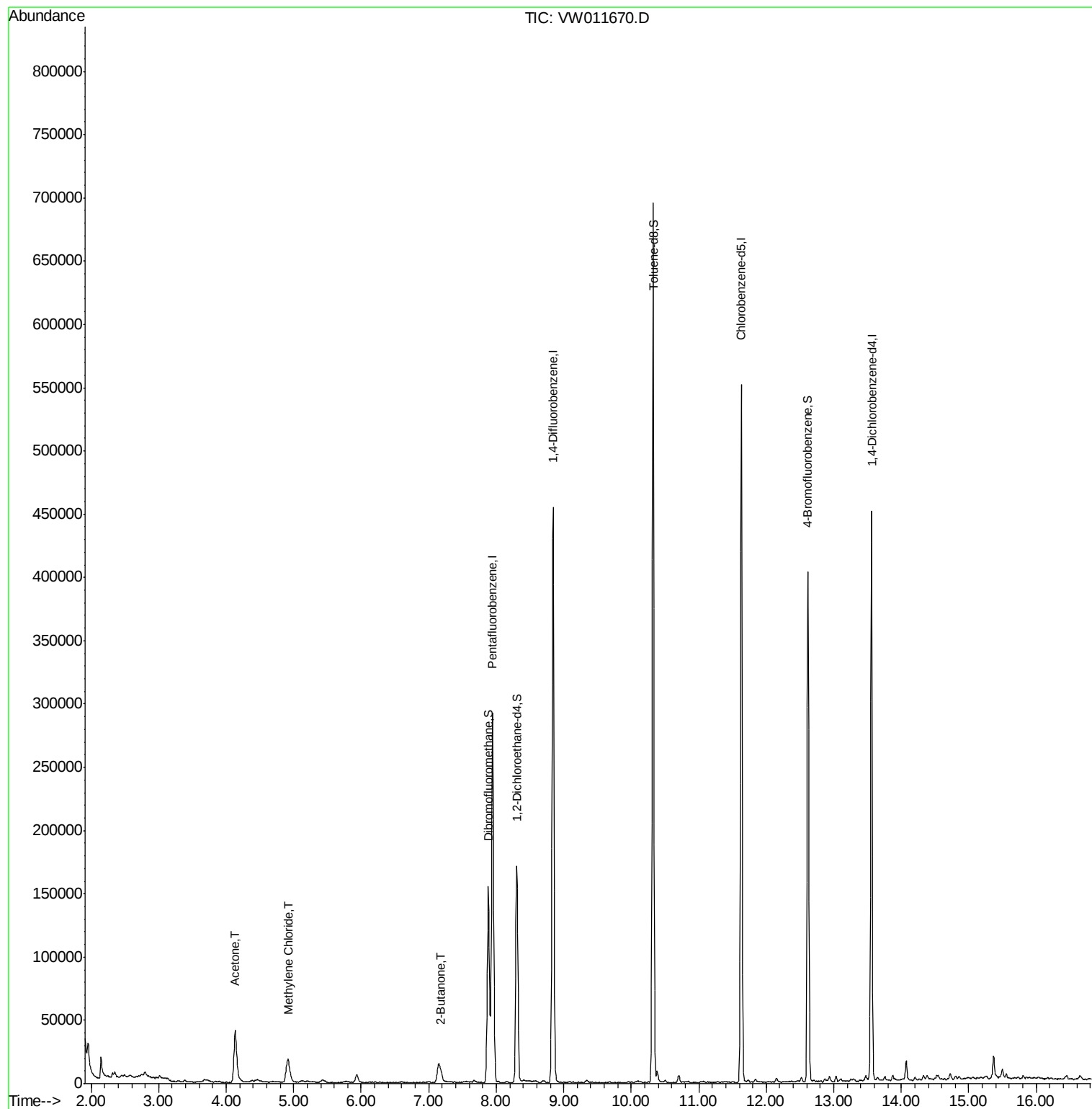
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	354702	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	288640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	109804	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	138232	57.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.48%	
35) Dibromofluoromethane	7.88	113	107520	54.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.06%	
50) Toluene-d8	10.32	98	430585	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
62) 4-Bromofluorobenzene	12.62	95	131955	45.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.86%	
Target Compounds						
16) Acetone	4.14	43	79459	103.431	ug/l	98
20) Methylene Chloride	4.92	84	15044	5.678	ug/l	96
25) 2-Butanone	7.18	43	12657	12.591	ug/l	99

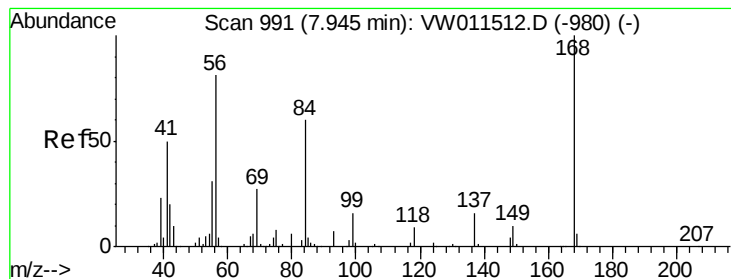
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080419\
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QLast Update : Sat Jul 27 00:23:30 2019
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: VW011670.D

Acq: 03 Aug 2019 17:04

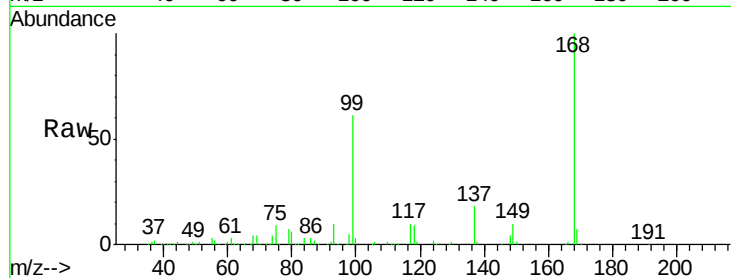
Instrument :
MSVOA_W
ClientSampled :
2S-H4-(30)

Tot Ion:168 Resp: 210322

Ion Ratio Lower Upper

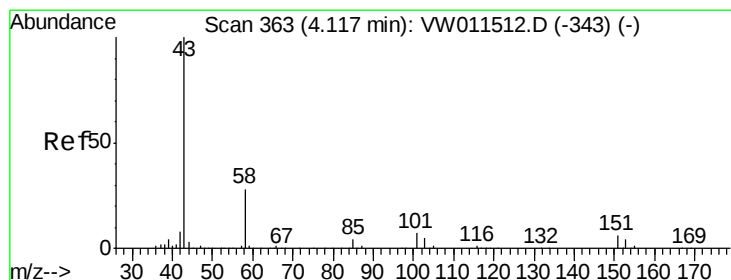
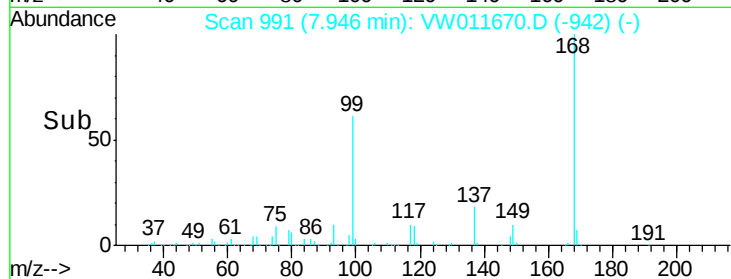
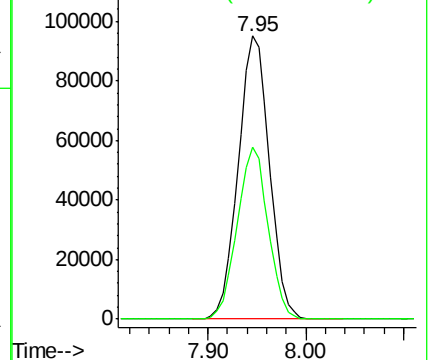
168 100

99 60.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 103.431 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW011670.D

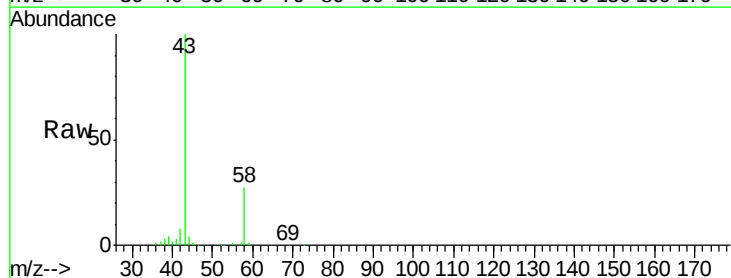
Acq: 03 Aug 2019 17:04

Tgt Ion: 43 Resp: 79459

Ion Ratio Lower Upper

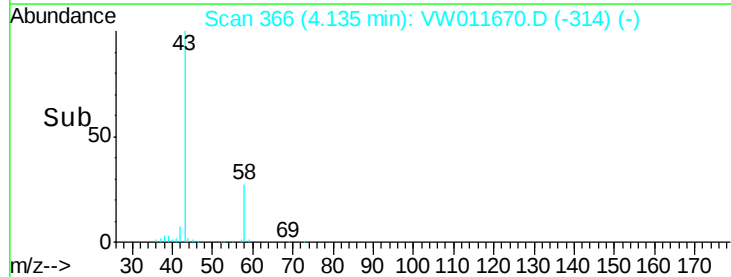
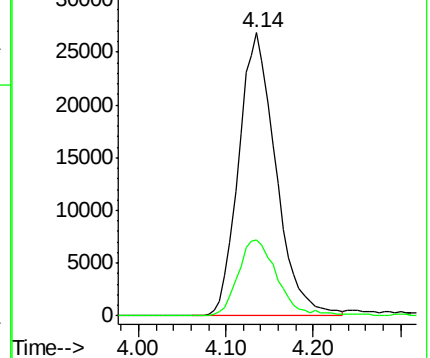
43 100

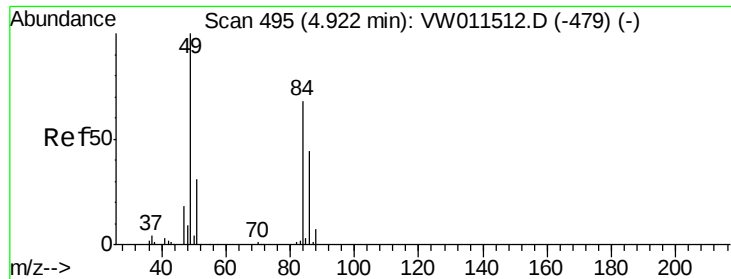
58 26.9 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

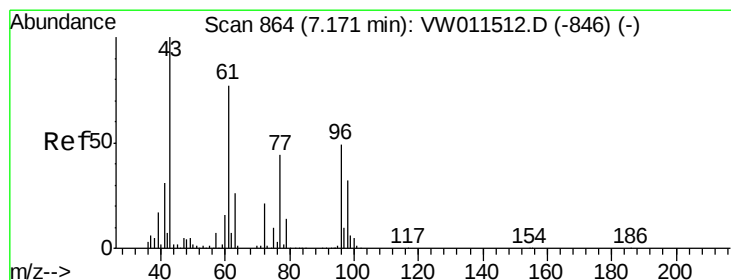
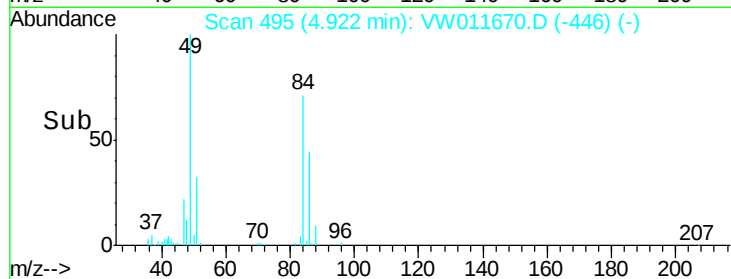
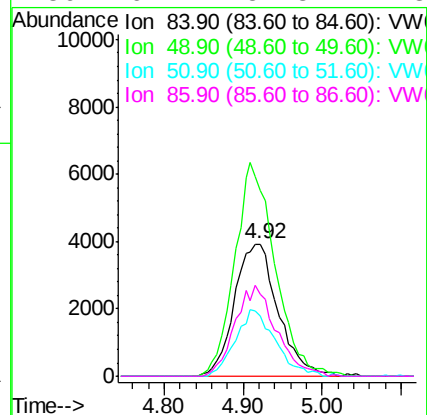
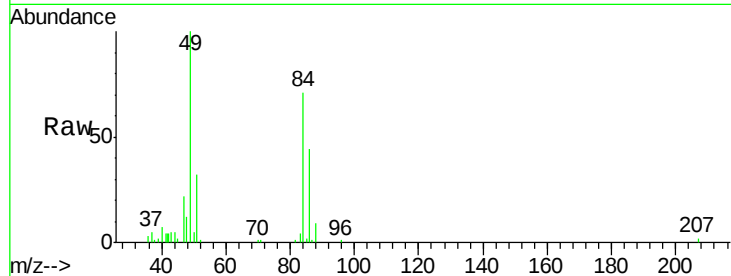




#20
Methvlene Chloride
Concen: 5.678 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW011670.D
Acq: 03 Aug 2019 17:04

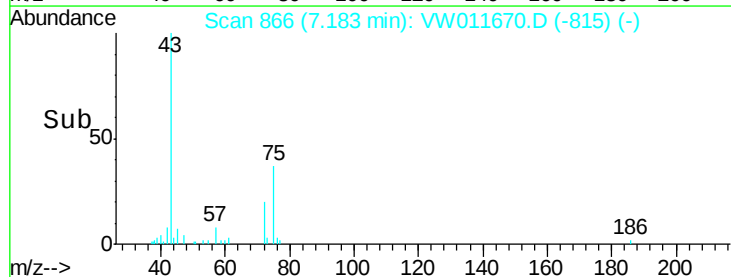
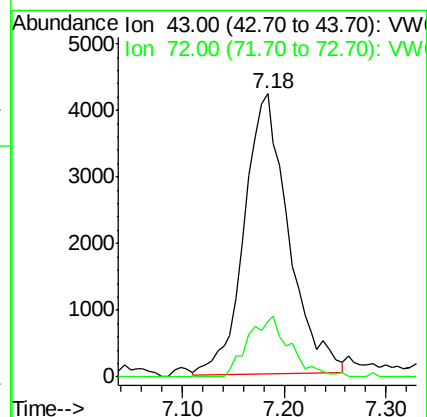
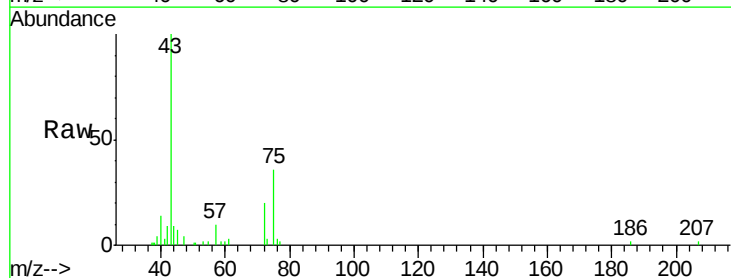
Instrument :
MSVOA_W
ClientSampleId :
2S-H4-(30)

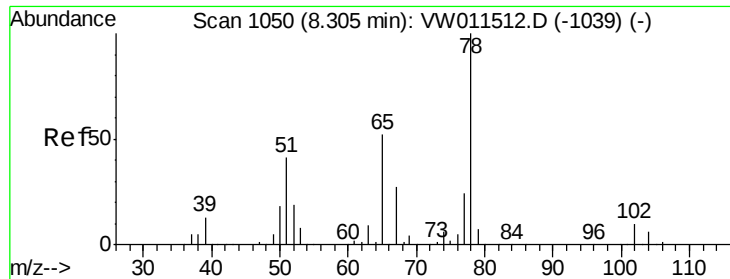
Tot Ion: 84 Resp: 15044
Ion Ratio Lower Upper
84 100
49 140.6 117.8 176.6
51 45.4 37.0 55.4
86 62.1 51.8 77.8



#25
2-Butanone
Concen: 12.591 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW011670.D
Acq: 03 Aug 2019 17:04

Tgt Ion: 43 Resp: 12657
Ion Ratio Lower Upper
43 100
72 20.1 16.6 24.8

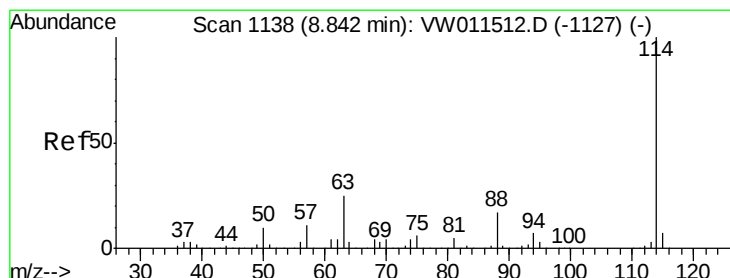
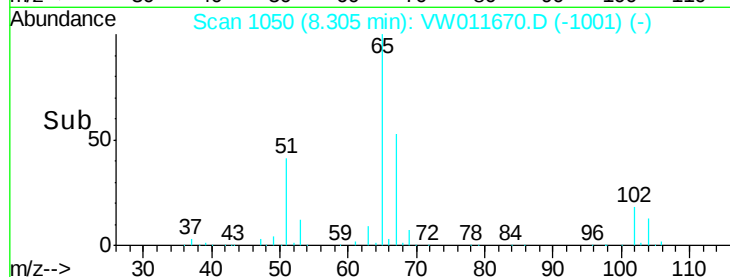
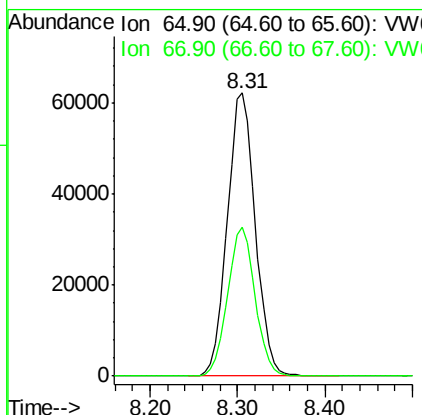
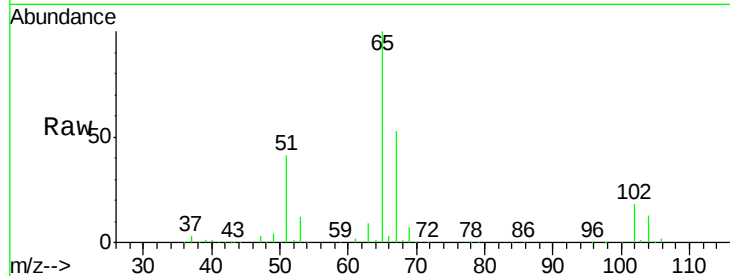




#33
 1,2-Dichloroethane-d4
 Concen: 57.237 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011670.D
 Acq: 03 Aug 2019 17:04

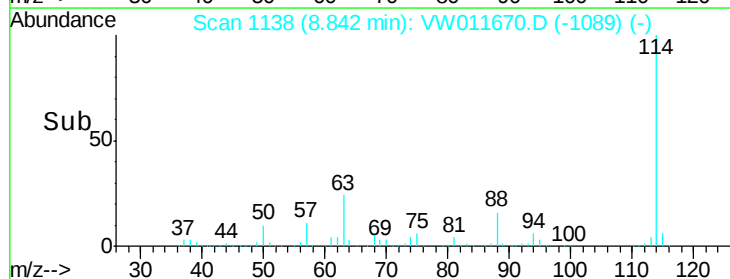
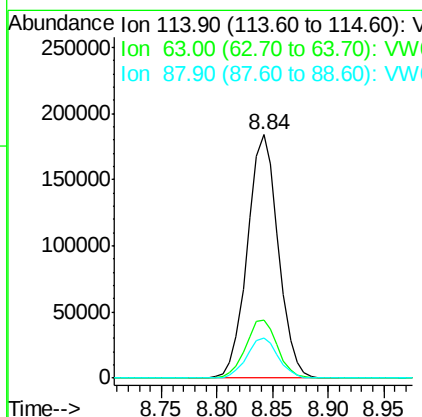
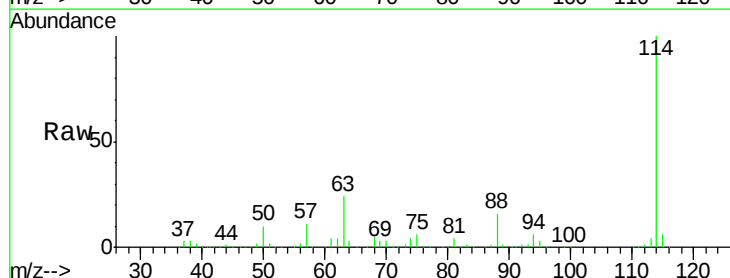
Instrument :
 MSVOA_W
 ClientSampleId :
 2S-H4-(30)

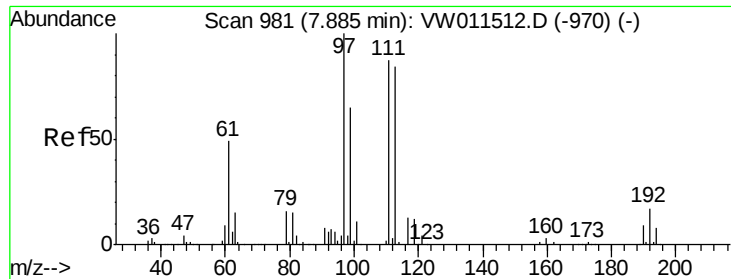
Tot Ion: 65 Resp: 138232
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011670.D
 Acq: 03 Aug 2019 17:04

Tgt Ion: 114 Resp: 354702
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 49.2
 88 16.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 54.032 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW011670.D

Acq: 03 Aug 2019 17:04

Instrument :

MSVOA_W

ClientSampleId :

2S-H4-(30)

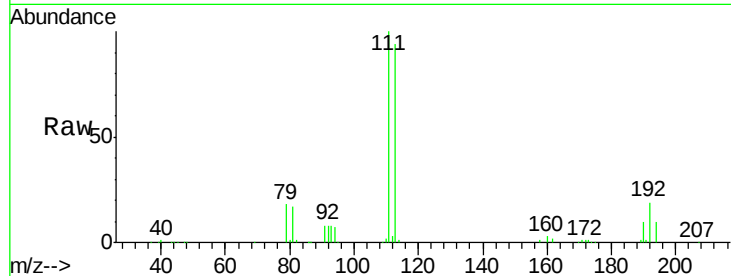
Tot Ion:113 Resp: 107520

Ion Ratio Lower Upper

113 100

111 104.3 82.7 124.1

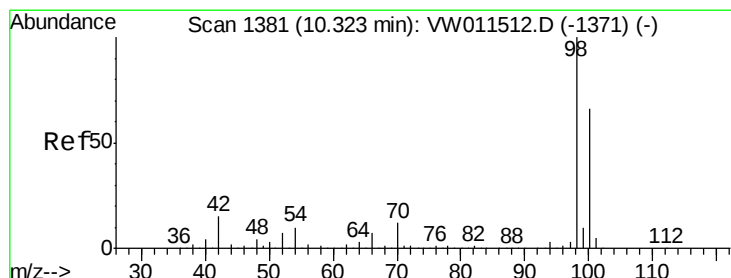
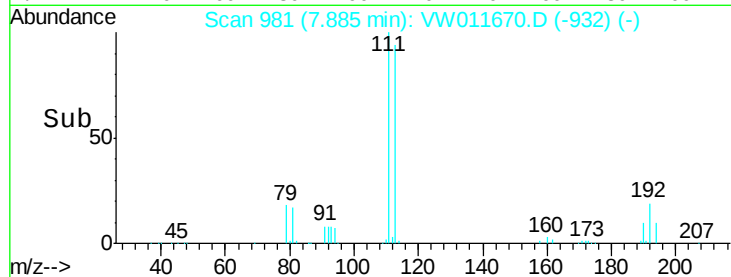
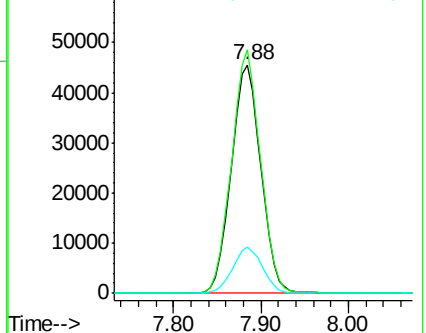
192 20.5 16.1 24.1



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: 52.849 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011670.D

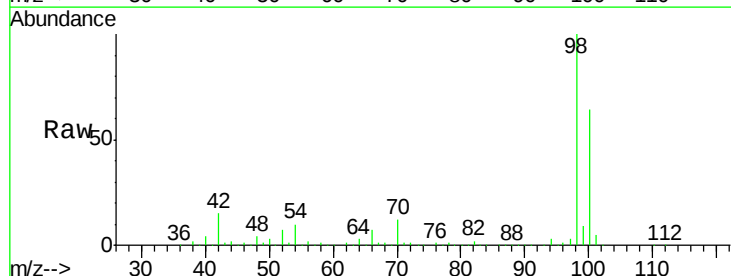
Acq: 03 Aug 2019 17:04

Tgt Ion: 98 Resp: 430585

Ion Ratio Lower Upper

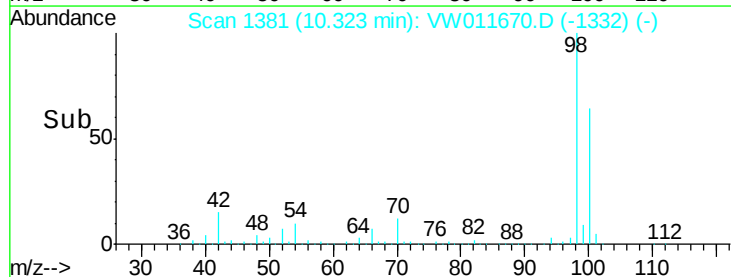
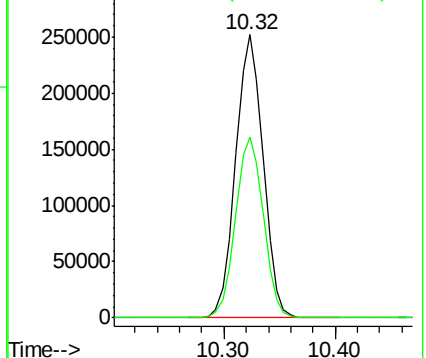
98 100

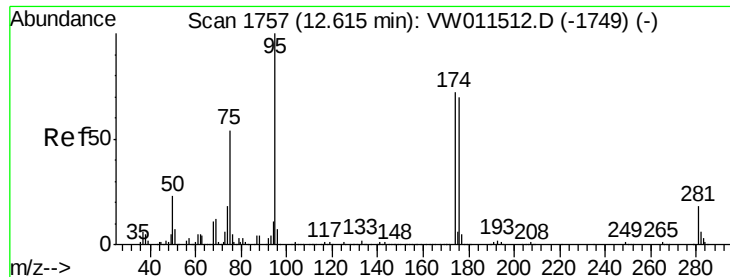
100 64.7 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

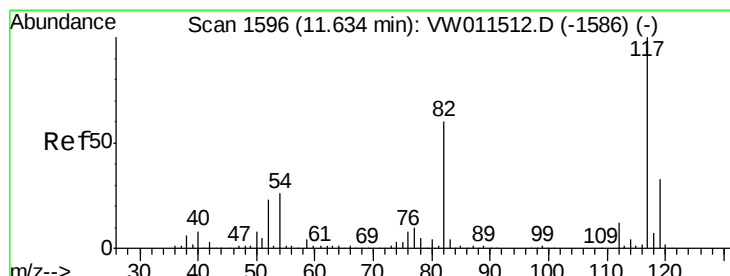
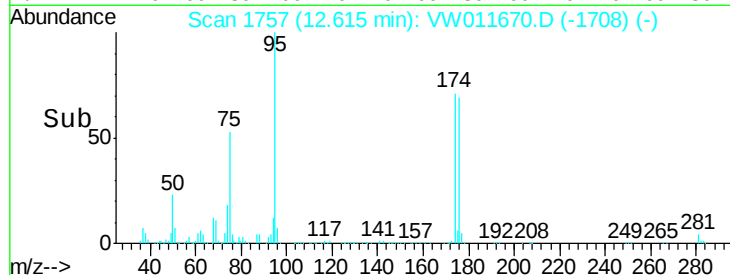
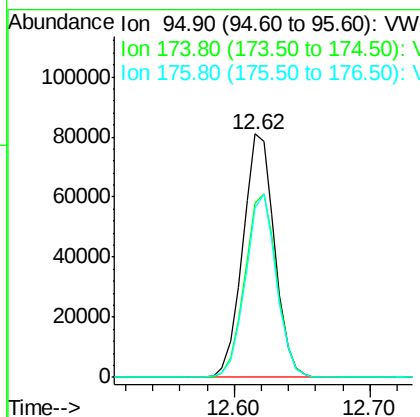
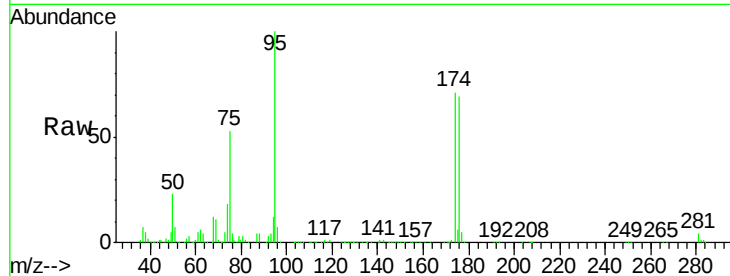




#62
4-Bromofluorobenzene
Concen: 45.428 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW011670.D
Acq: 03 Aug 2019 17:04

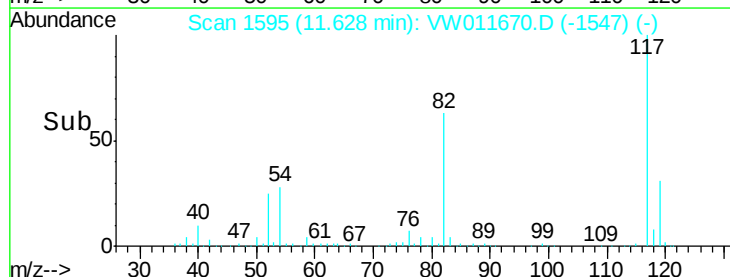
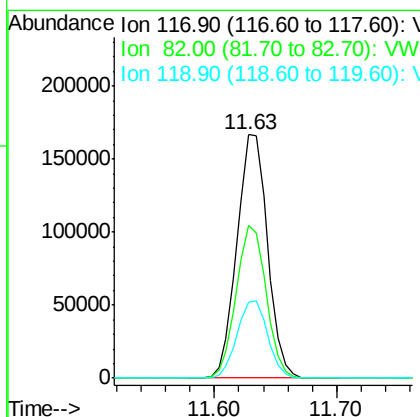
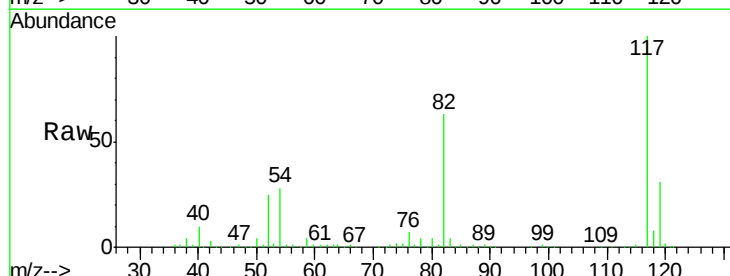
Instrument :
MSVOA_W
ClientSampleId :
2S-H4-(30)

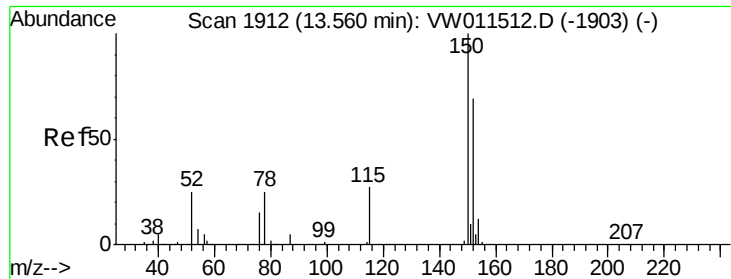
Tot Ion	95	Resp	131955
Ion Ratio	Lower	Upper	
95	100		
174	76.1	0.0	150.2
176	73.0	0.0	144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011670.D
Acq: 03 Aug 2019 17:04

Tgt Ion	117	Resp	288640
Ion Ratio	Lower	Upper	
117	100		
82	62.8	47.9	71.9
119	31.4	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: VW011670.D

Acq: 03 Aug 2019 17:04

Instrument :

MSVOA_W

ClientSampleId :

2S-H4-(30)

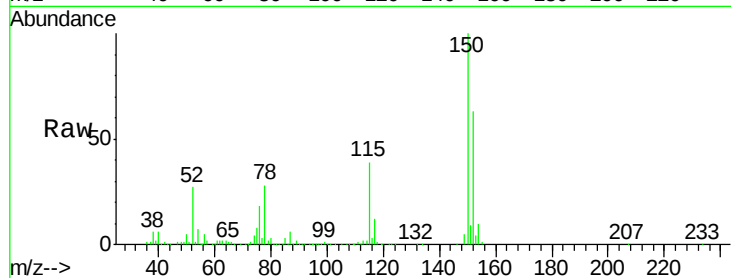
Tot Ion:152 Resp: 109804

Ion Ratio Lower Upper

152 100

115 61.2 30.5 91.5

150 157.4 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

