

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083019\
 Data File : VW012378.D
 Acq On : 31 Aug 2019 04:39
 Operator : SY/VA
 Sample : K4562-06
 Misc : 4.76G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-02-25-27

Quant Time: Sep 09 01:56:59 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

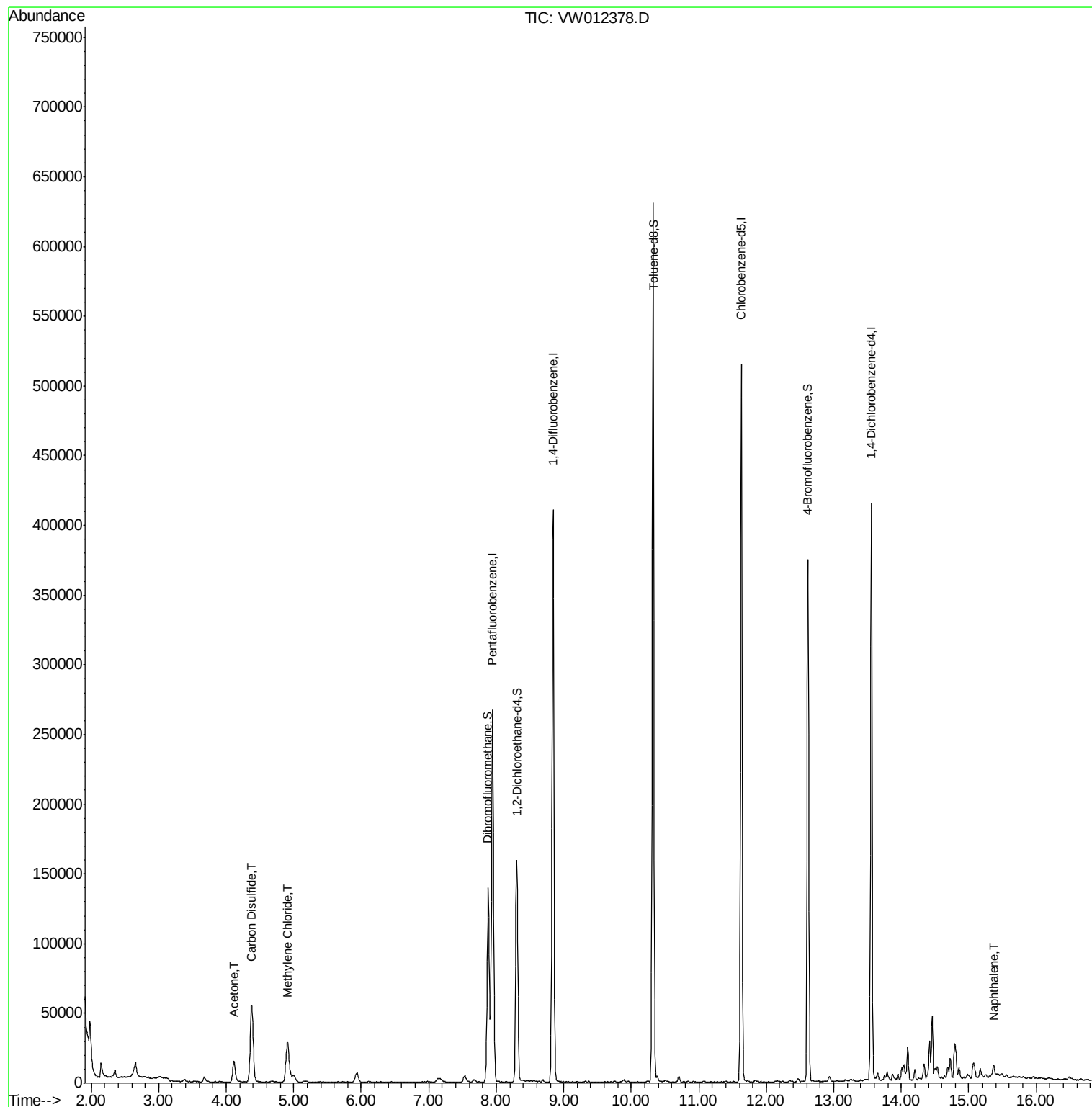
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	189641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	313514	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	262603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	104986	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	128929	57.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.38%	
35) Dibromofluoromethane	7.88	113	99342	53.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.18%	
50) Toluene-d8	10.32	98	388585	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
62) 4-Bromofluorobenzene	12.62	95	121233	45.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.66%	
Target Compounds						
16) Acetone	4.11	43	26894	46.670	ug/l	99
17) Carbon Disulfide	4.37	76	123673	21.513	ug/l	97
20) Methylene Chloride	4.91	84	20945	9.614	ug/l	94
95) Naphthalene	15.36	128	7320	6.010	ug/l	99

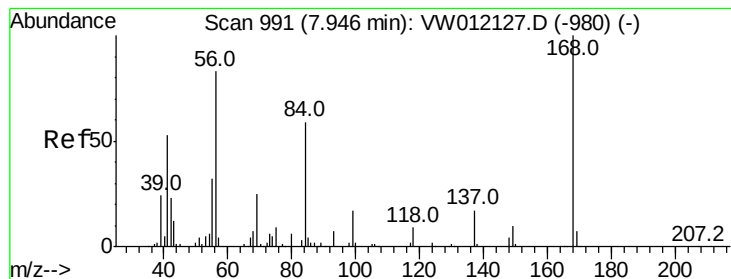
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012378.D

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Instrument :

MSVOA_W

ClientSampleId :

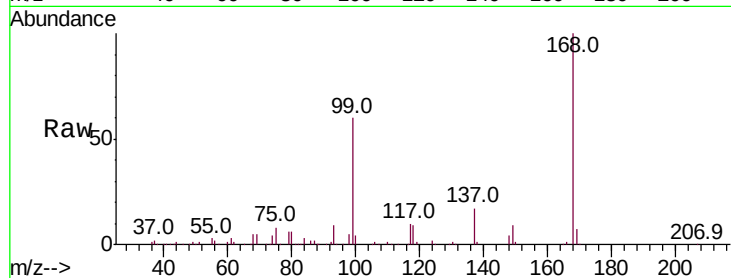
SB-02-25-27

Tot Ion:168 Resp: 189641

Ion Ratio Lower Upper

168 100

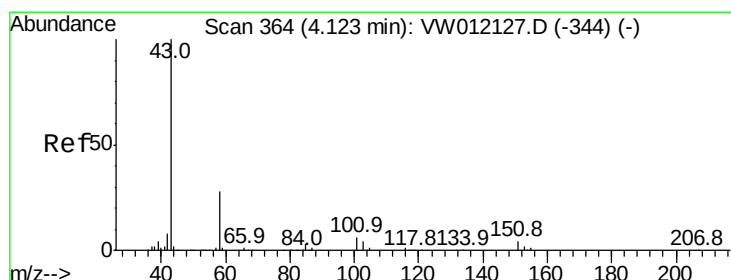
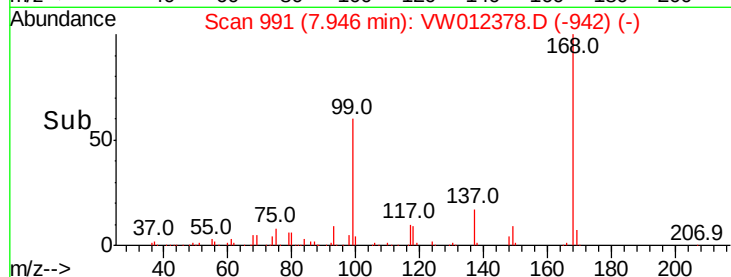
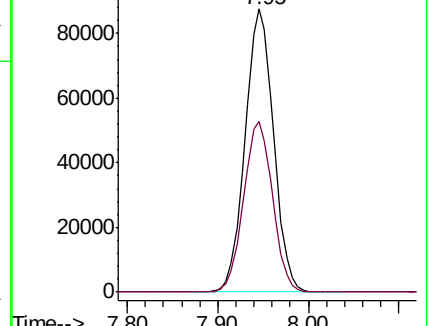
99 60.4 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95



#16

Acetone

Concen: 46.670 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW012378.D

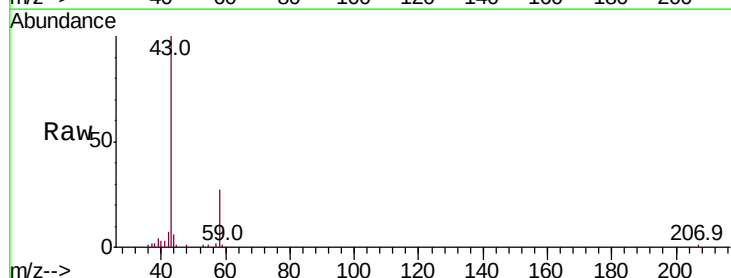
Acq: 31 Aug 2019 04:39

Tgt Ion: 43 Resp: 26894

Ion Ratio Lower Upper

43 100

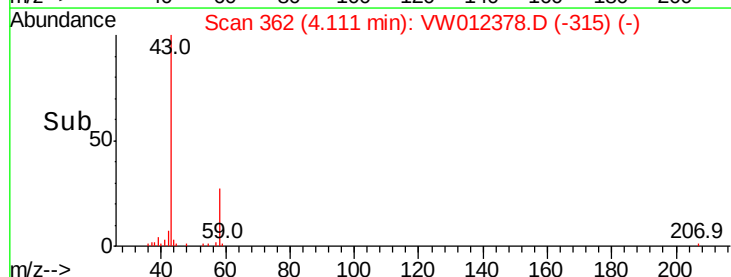
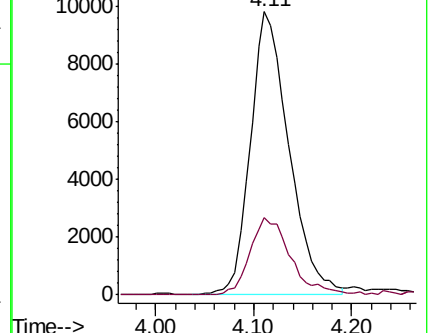
58 27.3 22.4 33.6

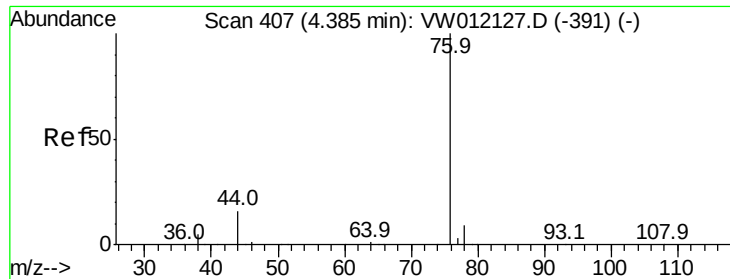


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.11





#17

Carbon Disulfide

Concen: 21.513 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW012378.D

Acq: 31 Aug 2019 04:39

Instrument :

MSVOA_W

ClientSampleId :

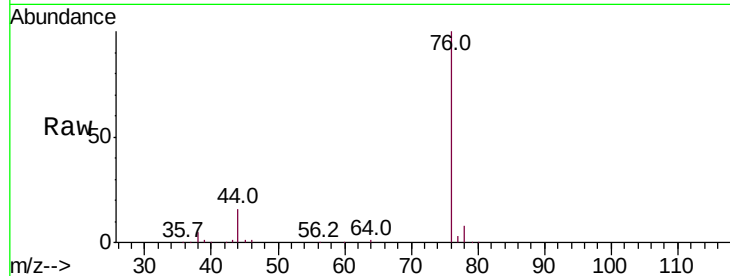
SB-02-25-27

Tot Ion: 76 Resp: 123673

Ion Ratio Lower Upper

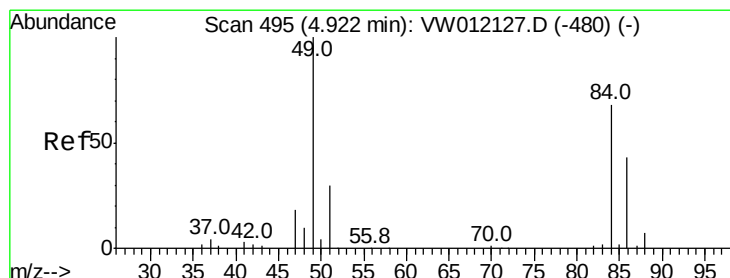
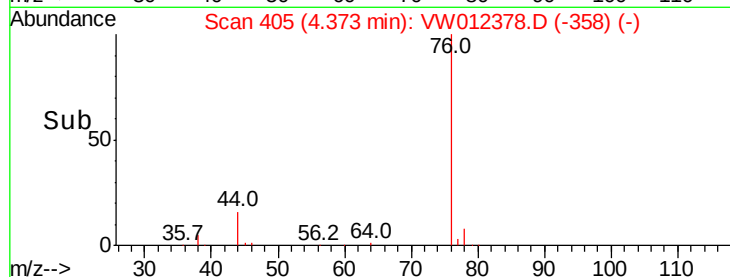
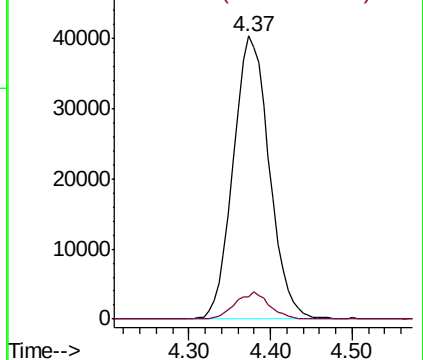
76 100

78 7.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 9.614 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012378.D

Acq: 31 Aug 2019 04:39

Tgt Ion: 84 Resp: 20945

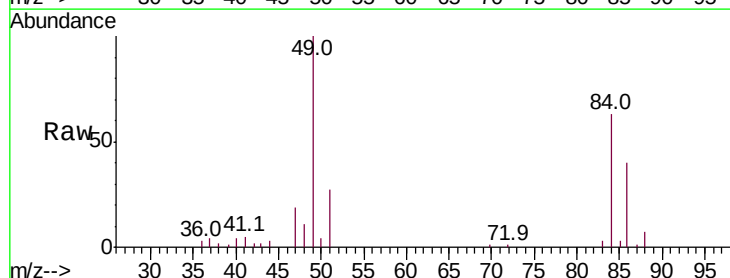
Ion Ratio Lower Upper

84 100

49 158.6 117.8 176.8

51 43.1 35.6 53.4

86 62.6 51.2 76.8

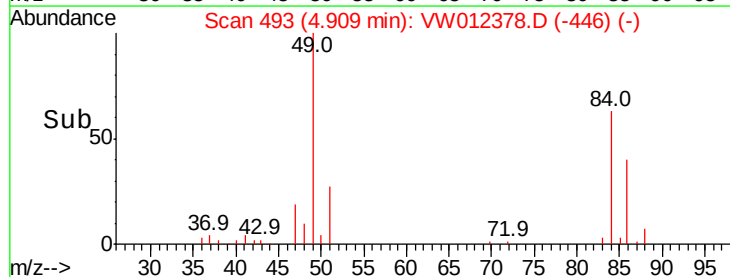
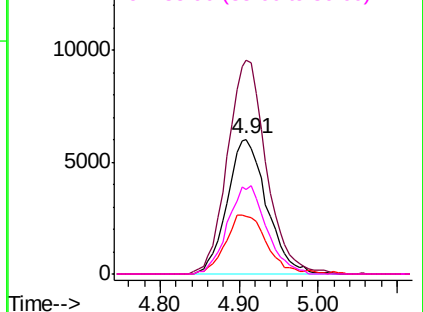


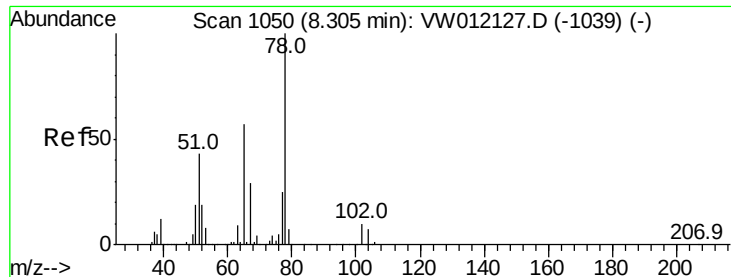
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#33

1,2-Dichloroethane-d4

Concen: 57.191 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

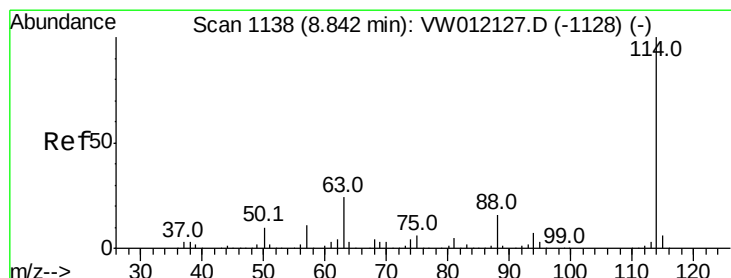
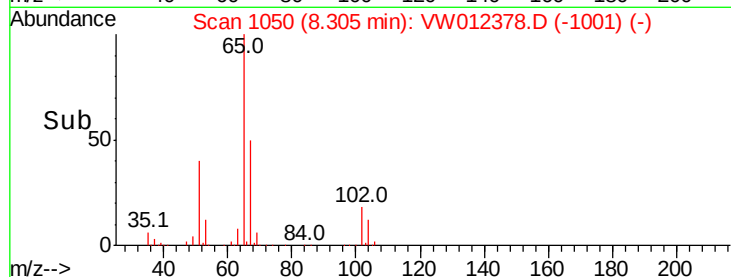
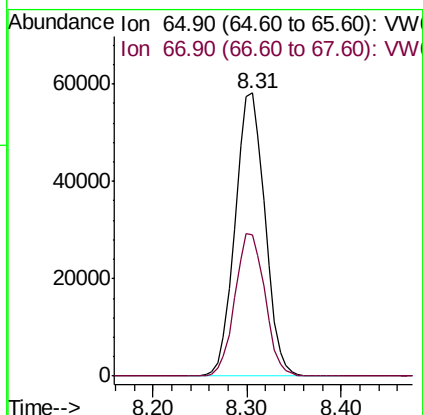
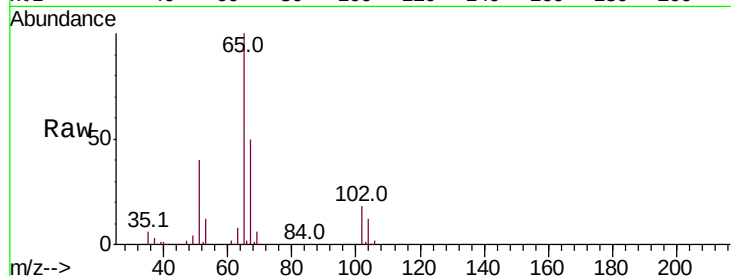
Lab File: VW012378.D

Acq: 31 Aug 2019 04:39

Instrument :
MSVOA_W
ClientSampled :
SB-02-25-27

Tot Ion: 65 Resp: 128929

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

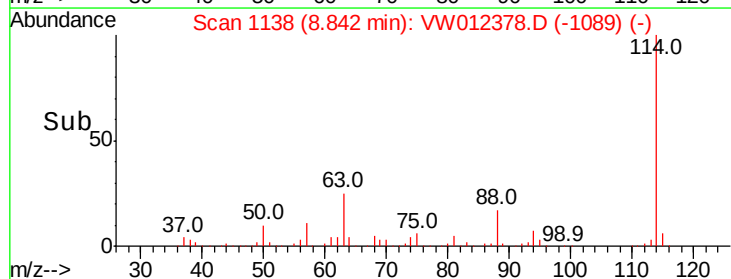
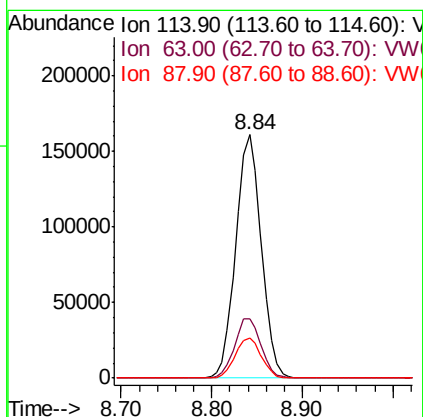
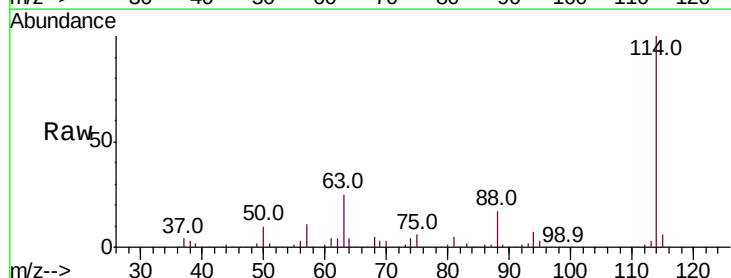
Delta R.T. -0.00 min

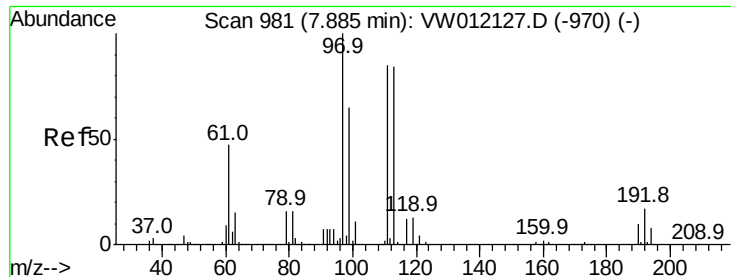
Lab File: VW012378.D

Acq: 31 Aug 2019 04:39

Tgt Ion: 114 Resp: 313514

Ion	Ratio	Lower	Upper
114	100		
63	24.6	0.0	48.6
88	16.6	0.0	32.2

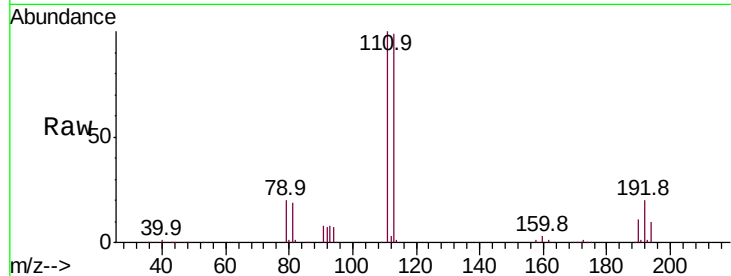




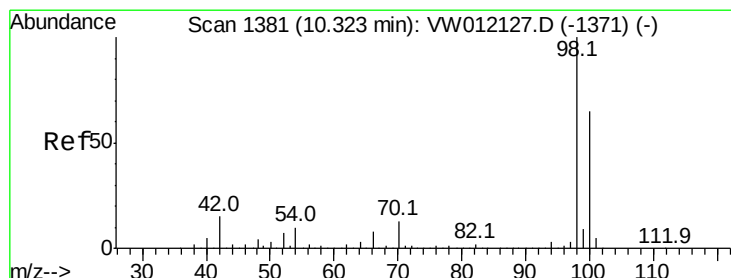
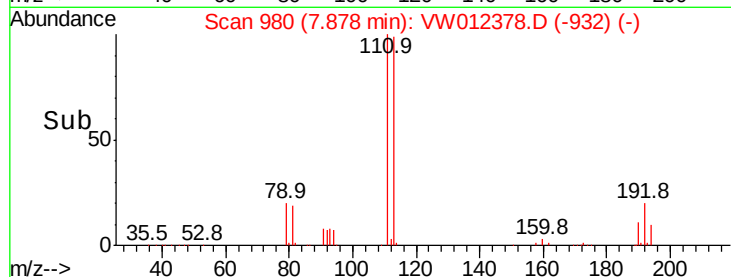
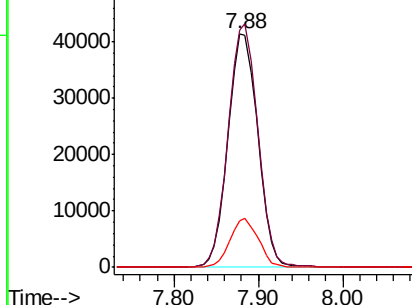
#35
Dibromofluoromethane
Concen: 53.085 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW012378.D
Acq: 31 Aug 2019 04:39

Instrument :
MSVOA_W
ClientSampleId :
SB-02-25-27

Tot Ion:113 Resp: 99342
Ion Ratio Lower Upper
113 100
111 103.6 82.7 124.1
192 19.8 16.2 24.2

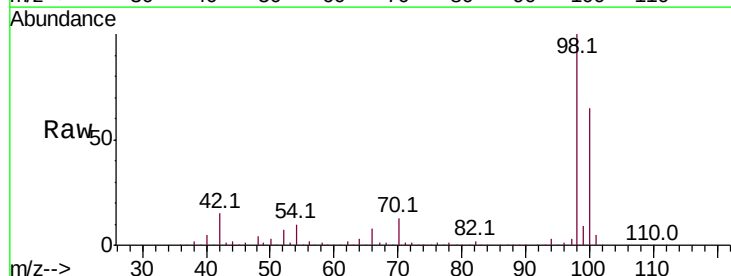


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

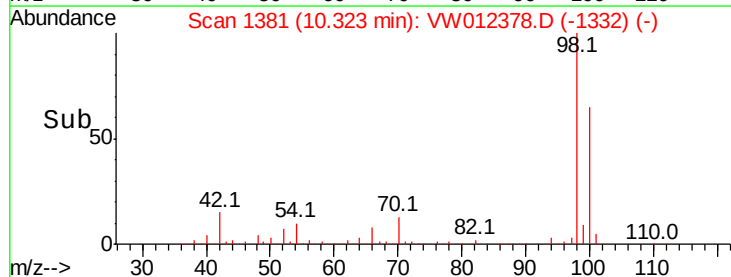
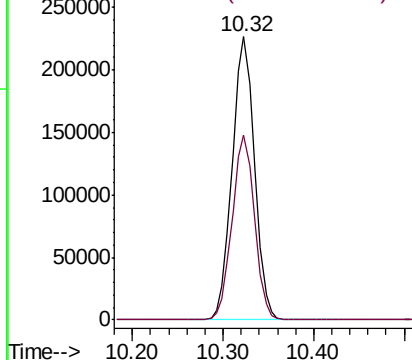


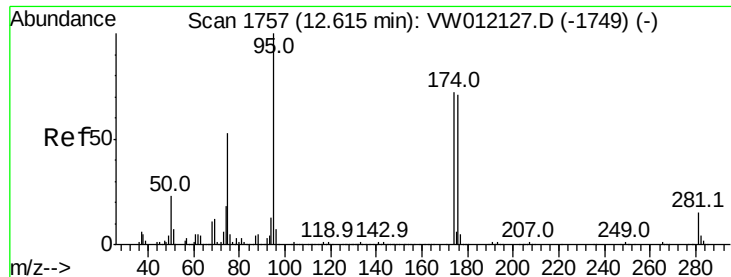
#50
Toluene-d8
Concen: 51.211 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012378.D
Acq: 31 Aug 2019 04:39

Tgt Ion: 98 Resp: 388585
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



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

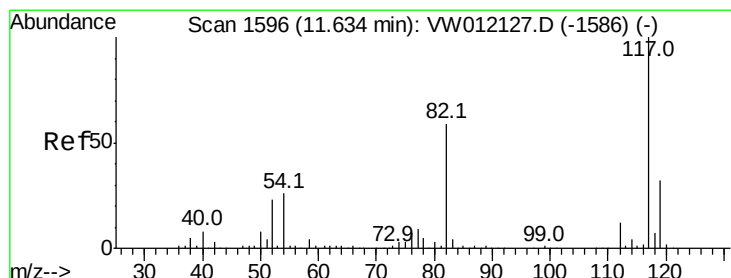
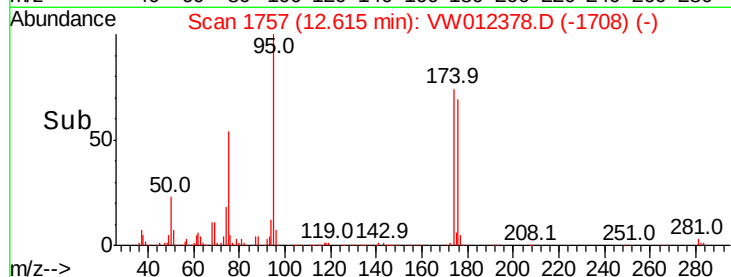
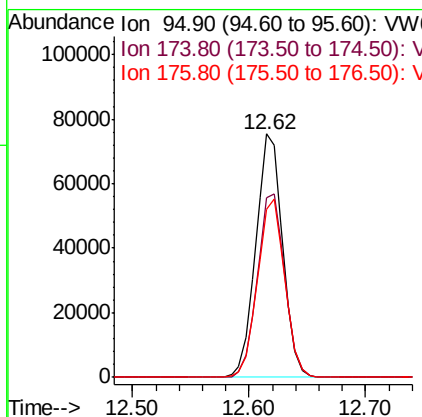
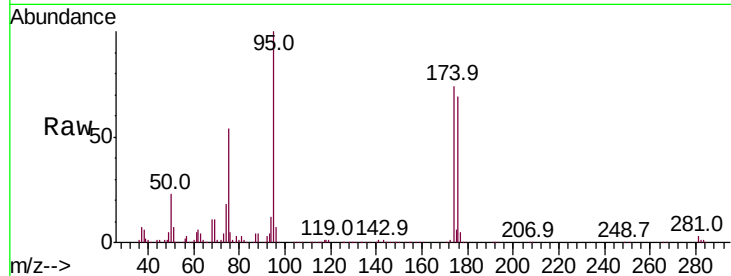




#62
4-Bromofluorobenzene
Concen: 45.325 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012378.D
Acq: 31 Aug 2019 04:39

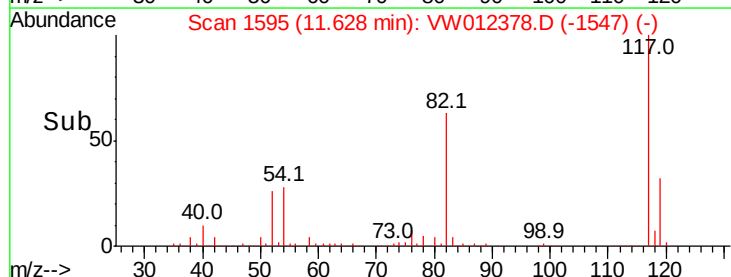
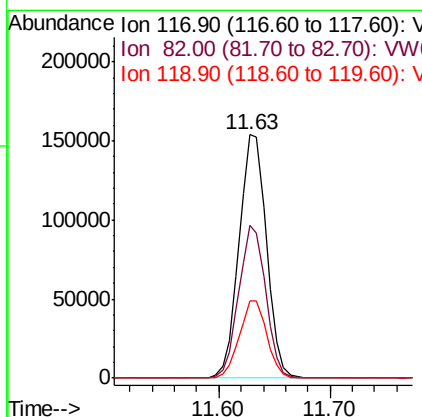
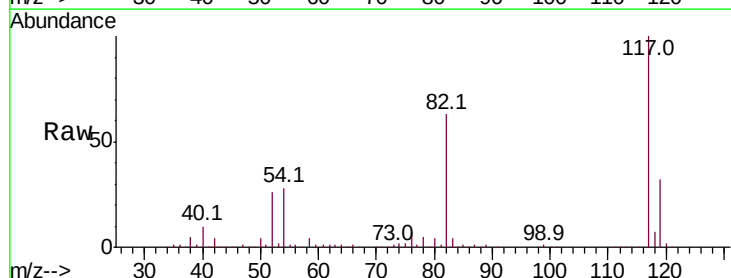
Instrument :
MSVOA_W
ClientSampleId :
SB-02-25-27

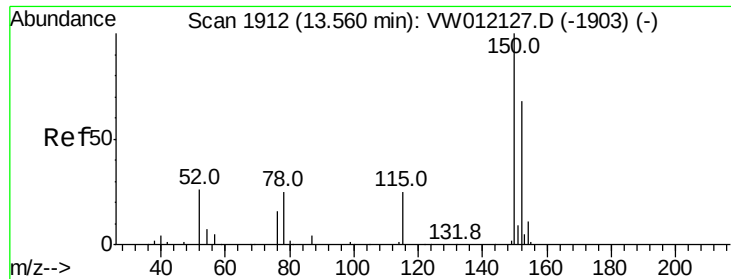
Tot Ion	95	Resp	121233
Ion Ratio	Lower	Upper	
95	100		
174	77.2	0.0	150.8
176	74.4	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012378.D
Acq: 31 Aug 2019 04:39

Tgt Ion	117	Resp	262603
Ion Ratio	Lower	Upper	
117	100		
82	63.0	47.4	71.2
119	31.6	25.4	38.2



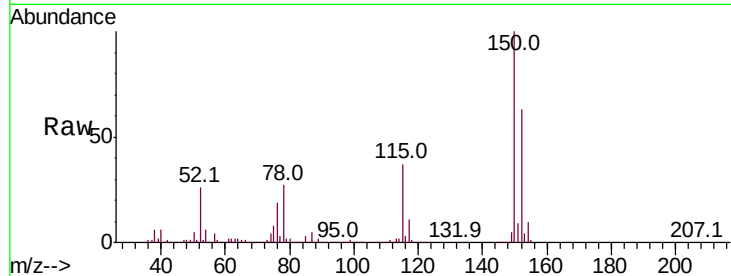


#72

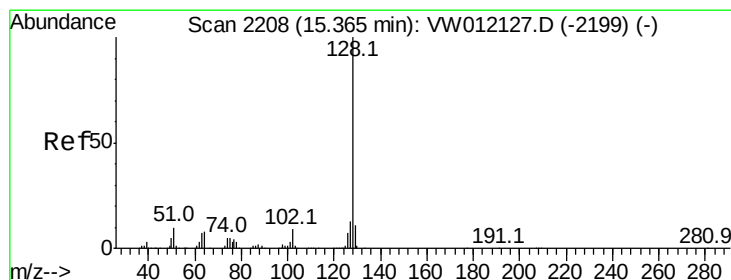
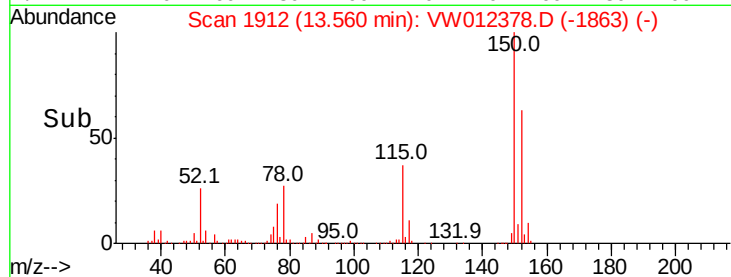
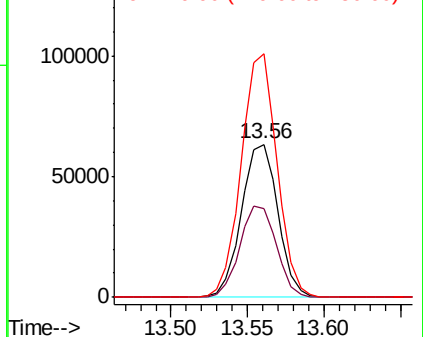
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012378.D
Acq: 31 Aug 2019 04:39

Instrument :
MSVOA_W
ClientSampleId :
SB-02-25-27

Tot Ion:152 Resp: 104986
Ion Ratio Lower Upper
152 100
115 60.4 30.1 90.3
150 156.2 0.0 345.8



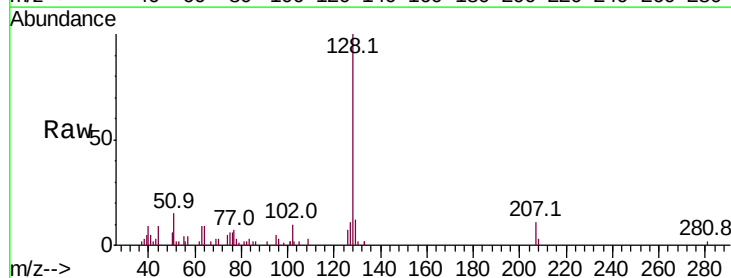
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 6.010 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012378.D
Acq: 31 Aug 2019 04:39

Tgt Ion:128 Resp: 7320
Ion Ratio Lower Upper
128 100
127 13.8 10.7 16.1
129 10.5 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

