

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\
 Data File : VW012876.D
 Acq On : 10 Sep 2019 17:41
 Operator : SY/VA
 Sample : K4692-09
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-28-9.5-10.0

Quant Time: Sep 10 18:23:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

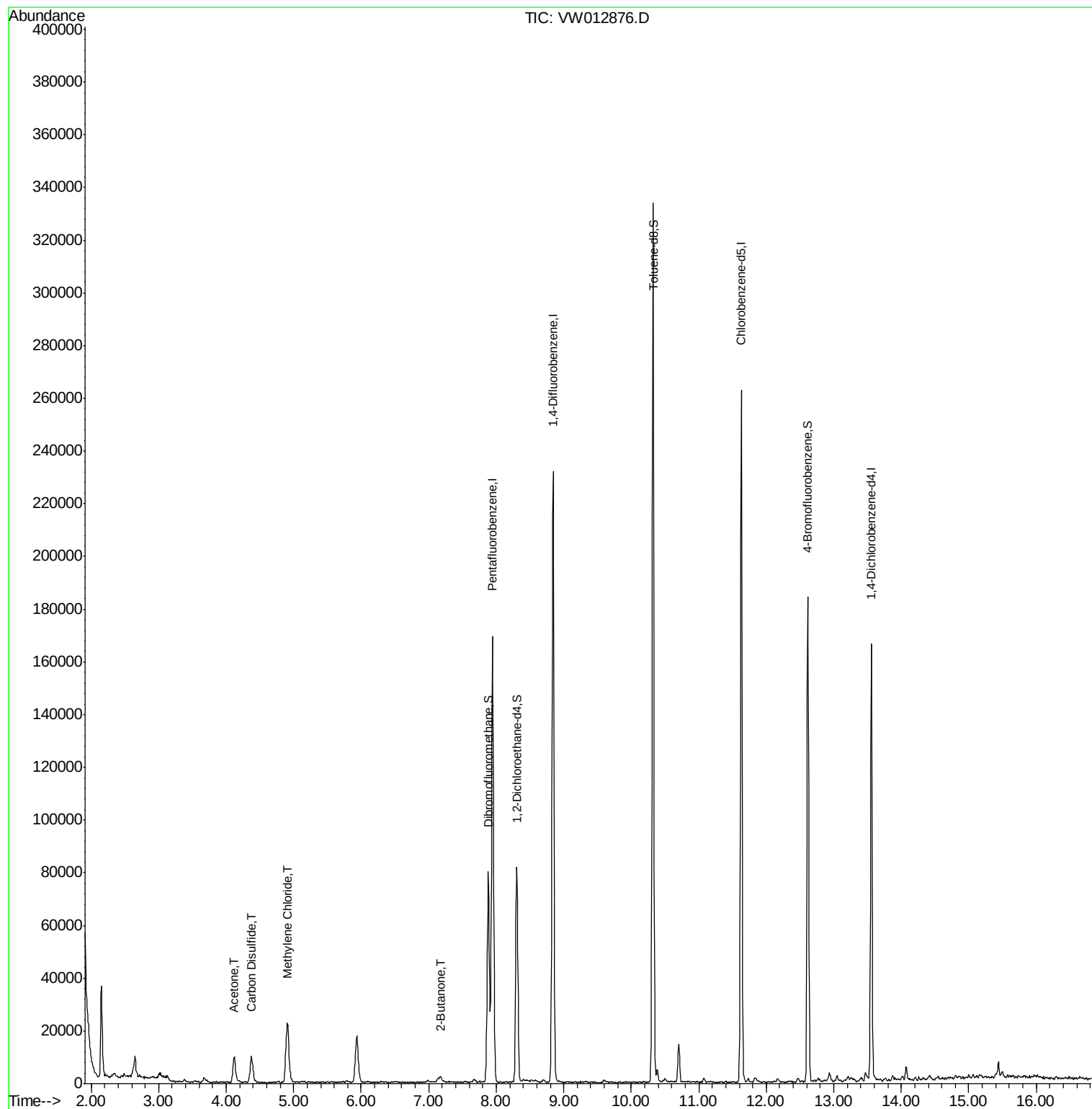
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	128856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	187584	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	141087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	43684	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	65449	45.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.92%	
35) Dibromofluoromethane	7.88	113	57506	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
50) Toluene-d8	10.32	98	215005	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
62) 4-Bromofluorobenzene	12.62	95	54964	34.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.30%	
Target Compounds						
16) Acetone	4.12	43	17354	44.214	ug/l	96
17) Carbon Disulfide	4.37	76	18003	7.970	ug/l	97
20) Methylene Chloride	4.91	84	16398	13.354	ug/l #	81
25) 2-Butanone	7.18	43	3148	24.698	ug/l	97

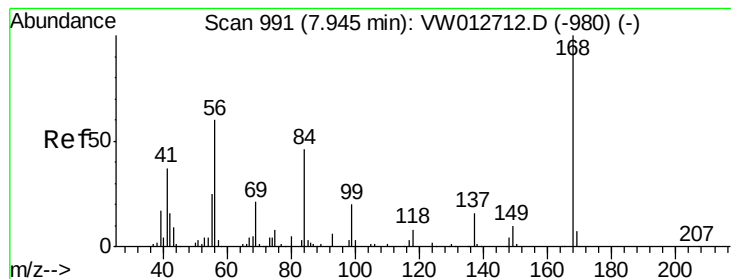
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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Instrument :

MSVOA_W

ClientSampleId :

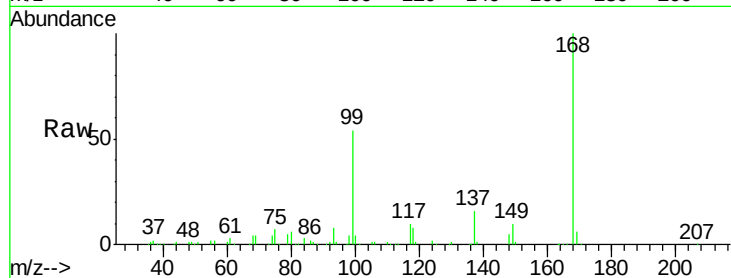
SB-28-9.5-10.0

Tot Ion:168 Resp: 128856

Ion Ratio Lower Upper

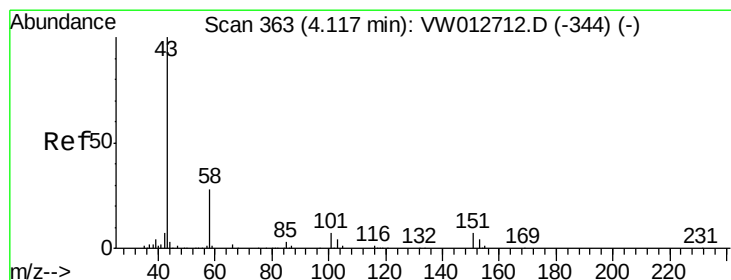
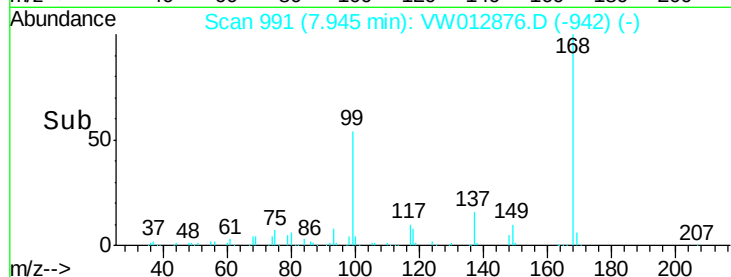
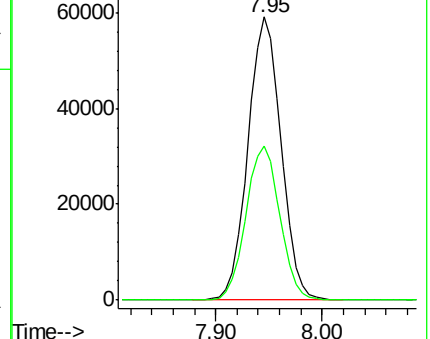
168 100

99 54.5 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 44.214 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW012876.D

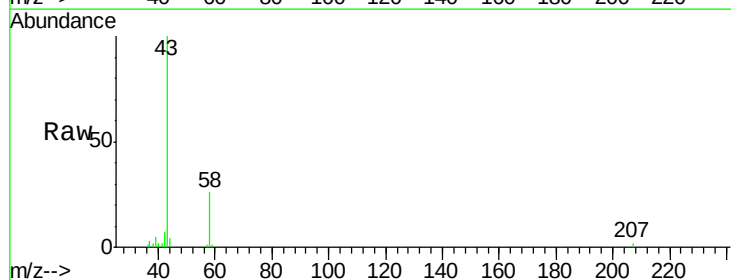
Acq: 10 Sep 2019 17:41

Tgt Ion: 43 Resp: 17354

Ion Ratio Lower Upper

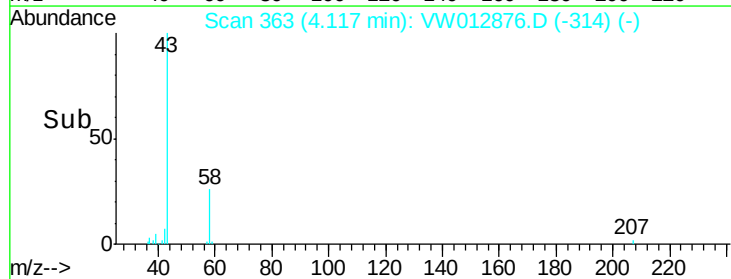
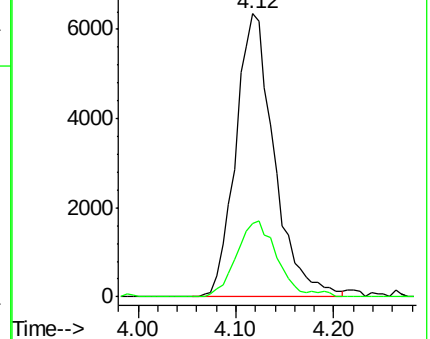
43 100

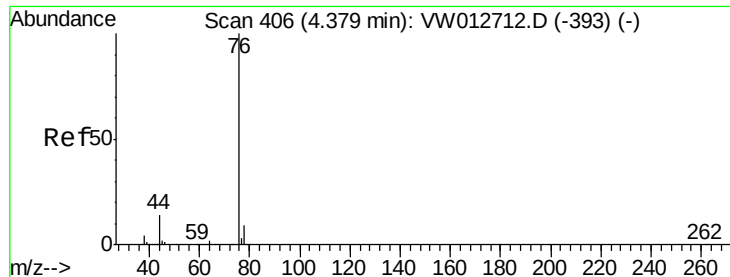
58 25.9 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 7.970 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW012876.D

Acq: 10 Sep 2019 17:41

Instrument :

MSVOA_W

ClientSampleId :

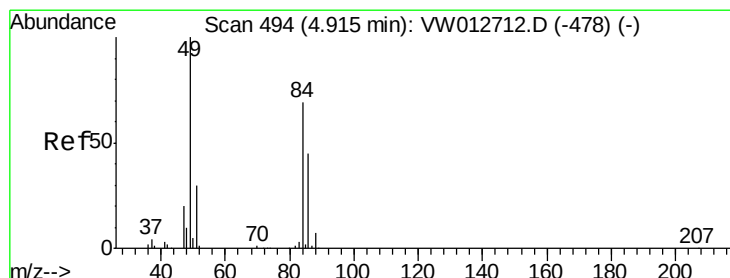
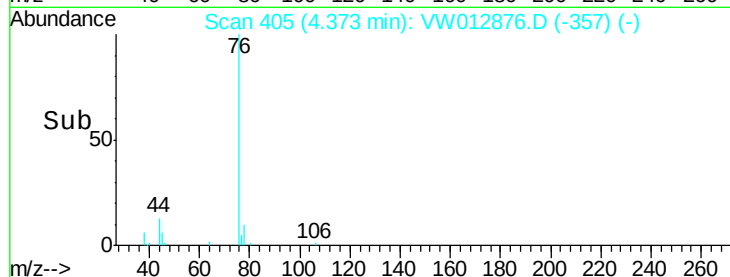
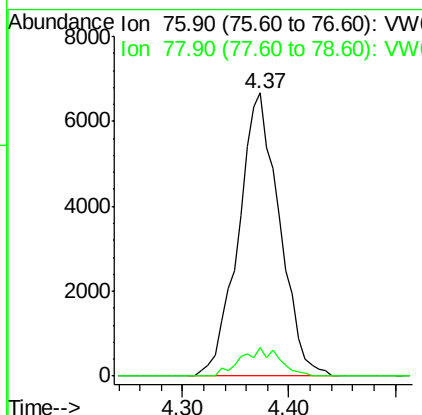
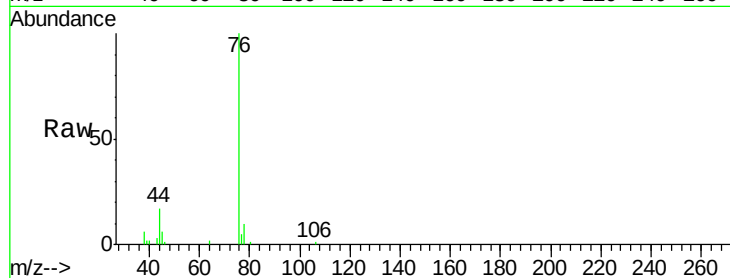
SB-28-9.5-10.0

Tot Ion: 76 Resp: 18003

Ion Ratio Lower Upper

76 100

78 10.2 7.2 10.8



#20

Methylene Chloride

Concen: 13.354 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012876.D

Acq: 10 Sep 2019 17:41

Tgt Ion: 84 Resp: 16398

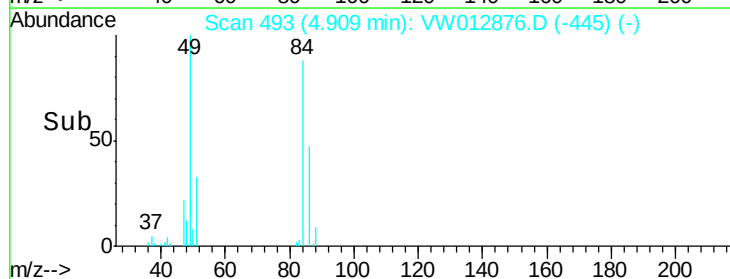
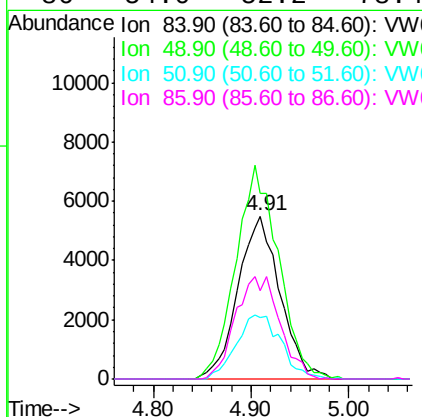
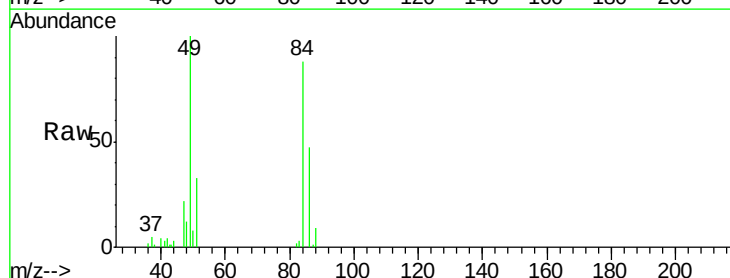
Ion Ratio Lower Upper

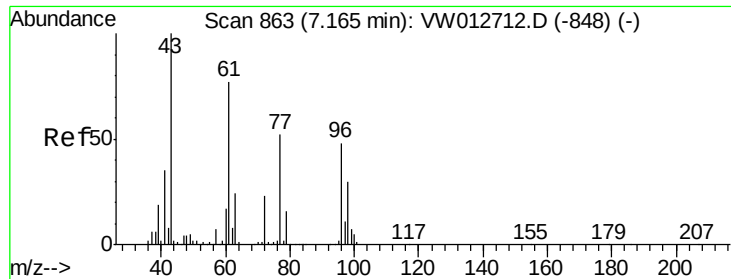
84 100

49 114.2 115.4 173.0#

51 37.8 34.9 52.3

86 54.0 52.2 78.4





#25

2-Butanone

Concen: 24.698 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW012876.D

Acq: 10 Sep 2019 17:41

Instrument :

MSVOA_W

ClientSampleId :

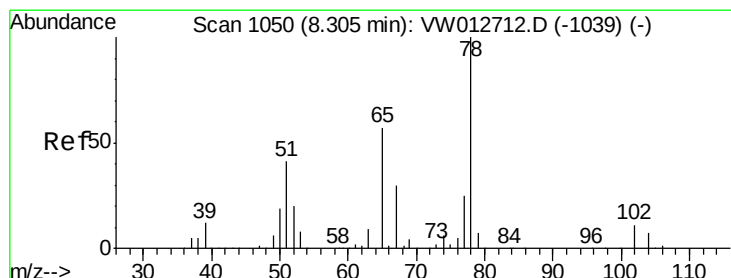
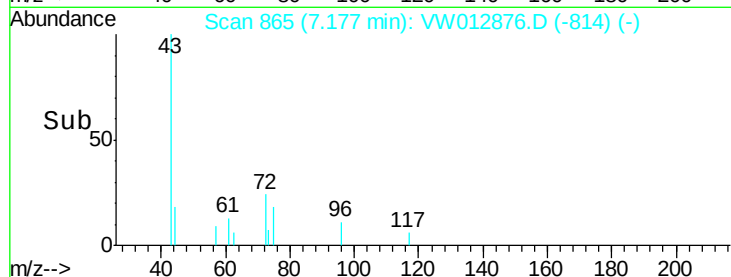
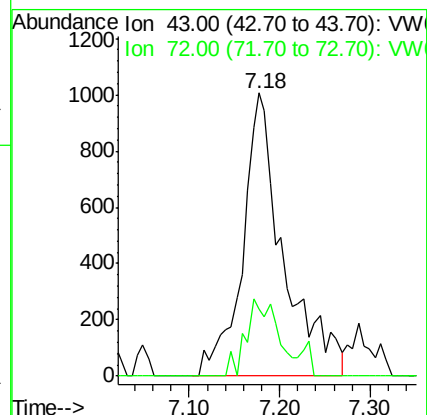
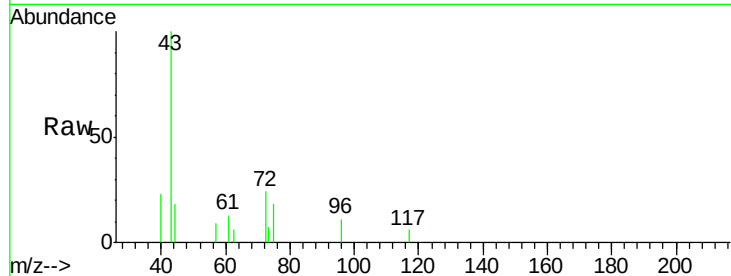
SB-28-9.5-10.0

Tot Ion: 43 Resp: 3148

Ion Ratio Lower Upper

43 100

72 23.8 18.0 27.0



#33

1,2-Dichloroethane-d4

Concen: 45.459 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012876.D

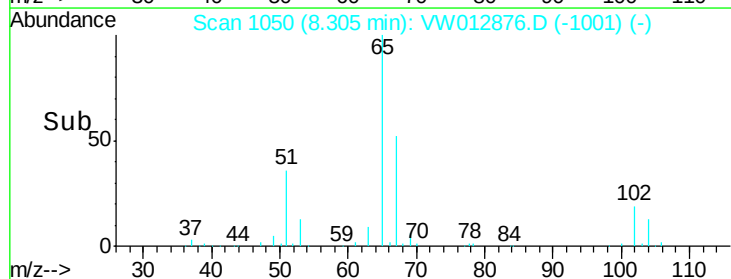
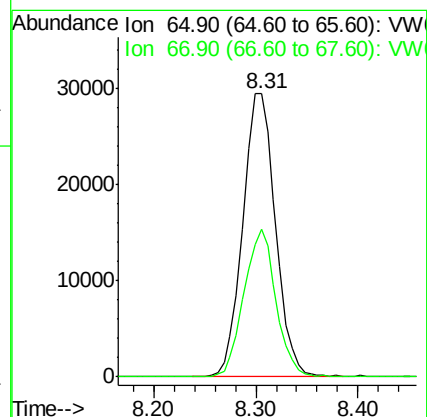
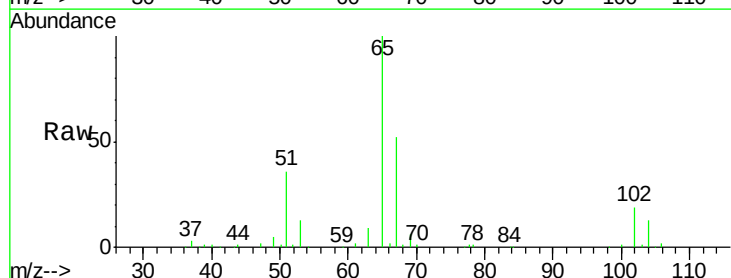
Acq: 10 Sep 2019 17:41

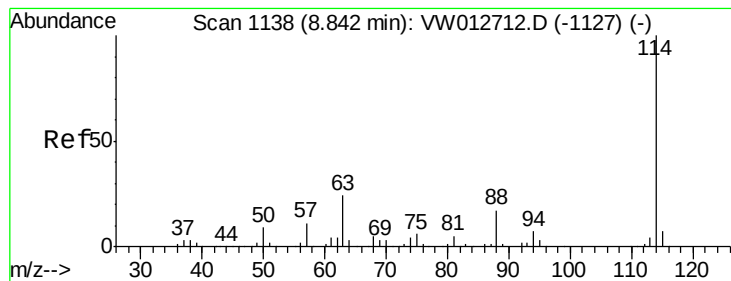
Tgt Ion: 65 Resp: 65449

Ion Ratio Lower Upper

65 100

67 50.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW012876.D

Acq: 10 Sep 2019 17:41

Instrument :

MSVOA_W

ClientSampleId :

SB-28-9.5-10.0

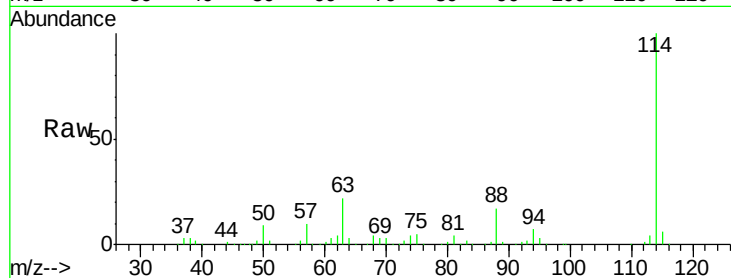
Tot Ion:114 Resp: 187584

Ion Ratio Lower Upper

114 100

63 21.6 0.0 47.2

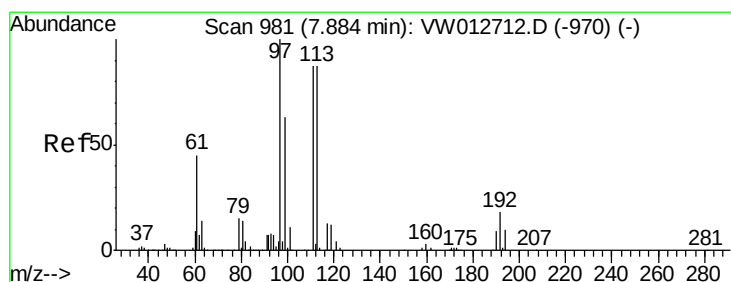
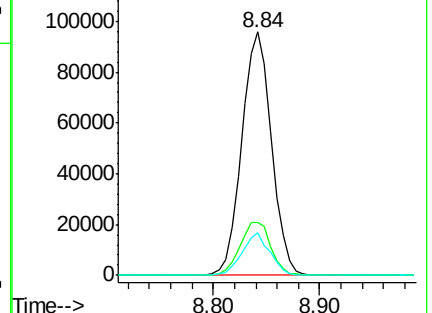
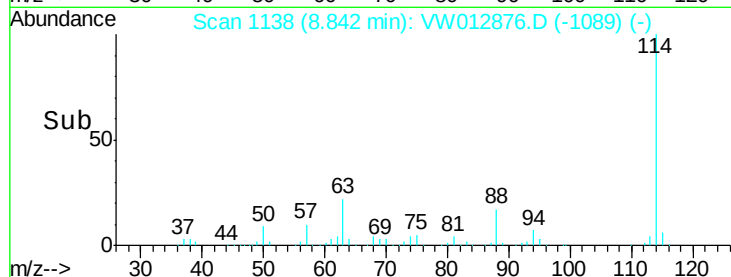
88 17.3 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 51.564 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012876.D

Acq: 10 Sep 2019 17:41

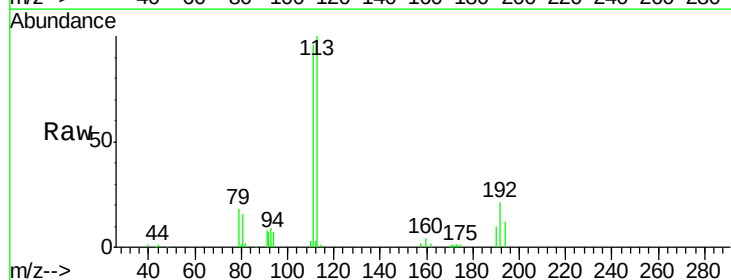
Tgt Ion:113 Resp: 57506

Ion Ratio Lower Upper

113 100

111 100.5 80.2 120.4

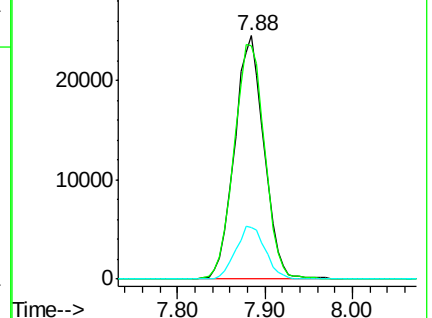
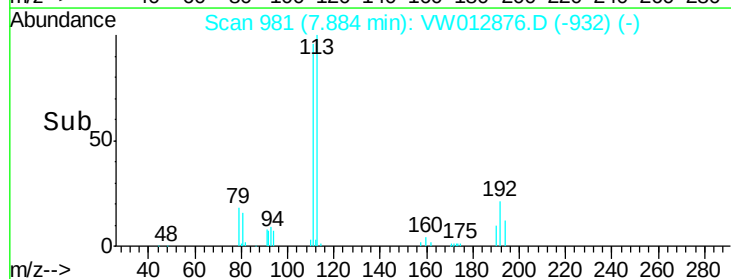
192 21.7 17.3 25.9

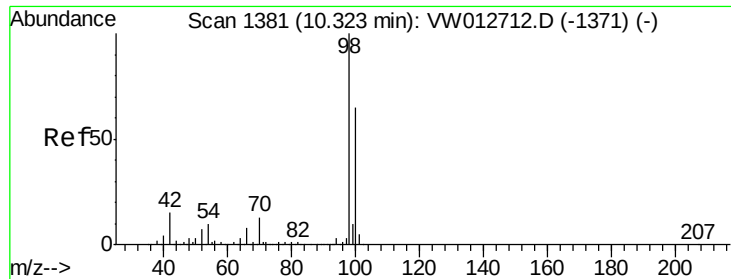


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

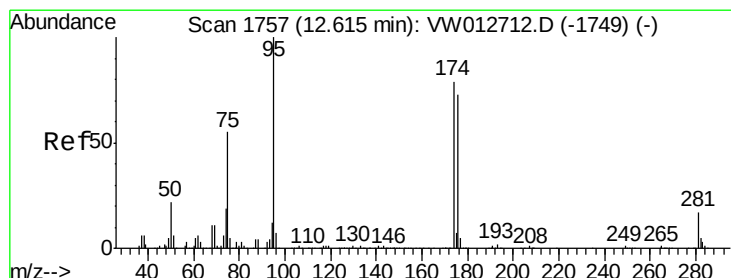
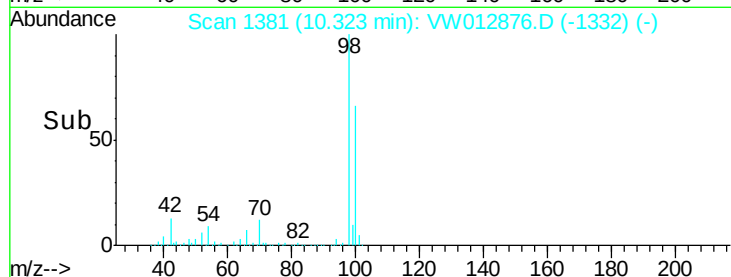
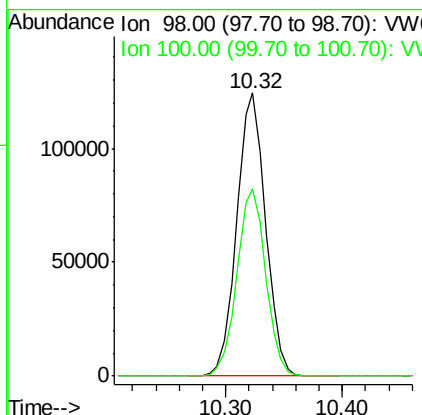
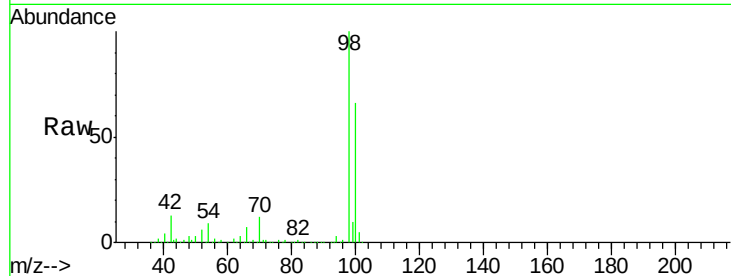




#50
Toluene-d8
Concen: 49.209 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012876.D
Acq: 10 Sep 2019 17:41

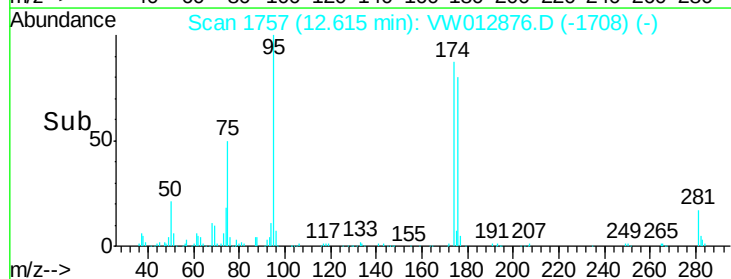
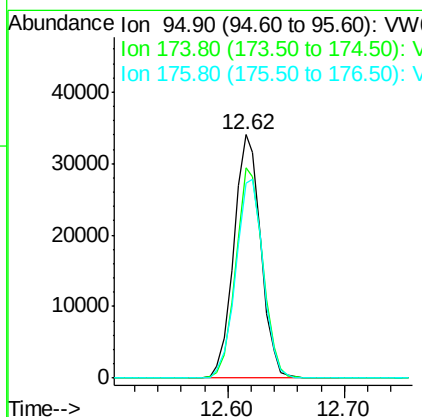
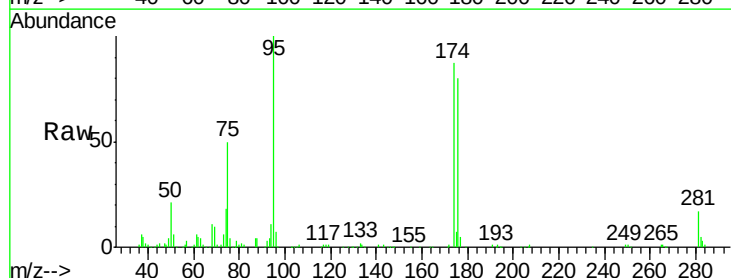
Instrument :
MSVOA_W
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SB-28-9.5-10.0

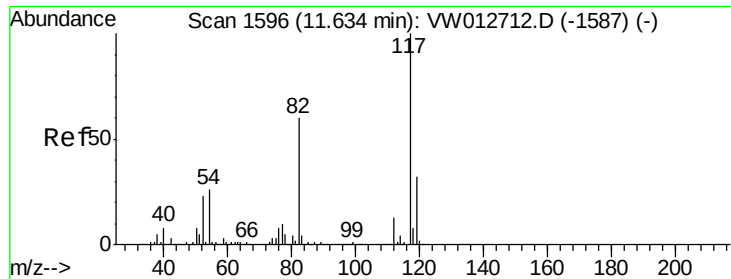
Tot Ion: 98 Resp: 215005
Ion Ratio Lower Upper
98 100
100 66.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 34.652 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012876.D
Acq: 10 Sep 2019 17:41

Tgt Ion: 95 Resp: 54964
Ion Ratio Lower Upper
95 100
174 86.1 0.0 161.0
176 82.7 0.0 156.4

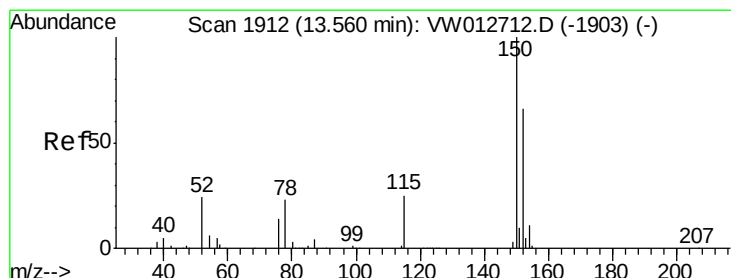
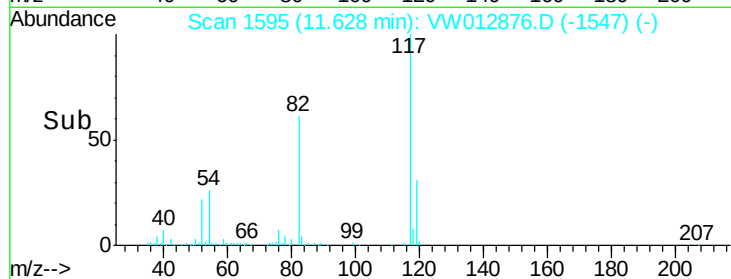
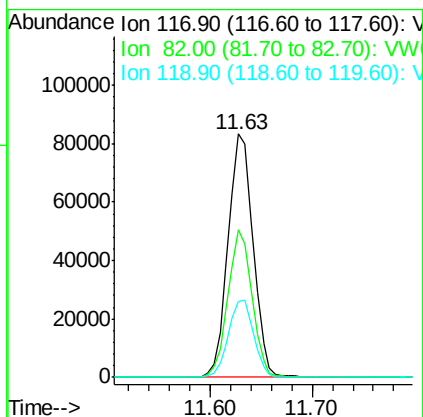
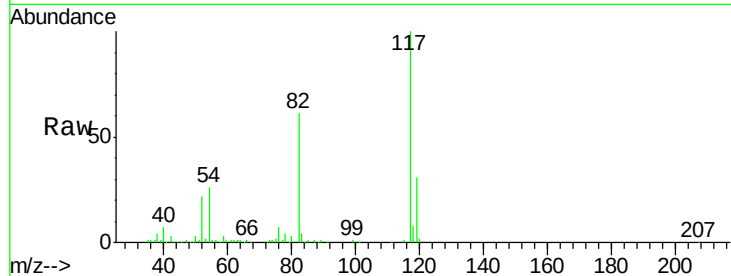




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012876.D
Acq: 10 Sep 2019 17:41

Instrument :
MSVOA_W
ClientSampleId :
SB-28-9.5-10.0

Tot Ion:117 Resp: 141087
Ion Ratio Lower Upper
117 100
82 60.9 48.2 72.4
119 31.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012876.D
Acq: 10 Sep 2019 17:41

Tgt Ion:152 Resp: 43684
Ion Ratio Lower Upper
152 100
115 57.0 30.0 90.1
150 156.0 0.0 349.0

