

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083019\
 Data File : VW012377.D
 Acq On : 31 Aug 2019 04:13
 Operator : SY/VA
 Sample : K4562-04
 Misc : 4.84G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-02-20-22

Quant Time: Sep 09 01:56:27 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

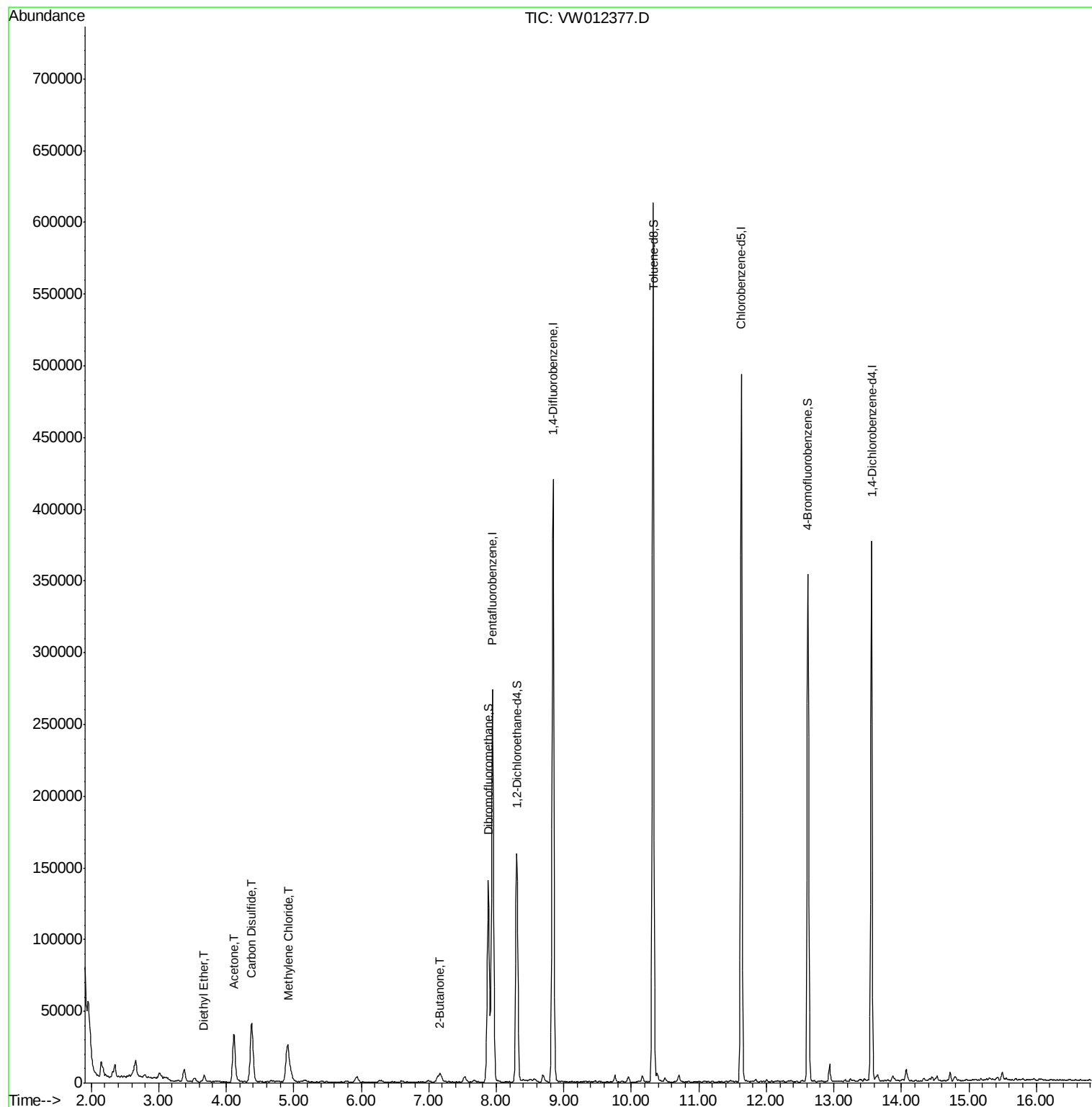
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	193177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	317238	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	257052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	90969	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	130181	56.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.38%	
35) Dibromofluoromethane	7.88	113	99764	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.36%	
50) Toluene-d8	10.32	98	384805	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
62) 4-Bromofluorobenzene	12.62	95	114536	42.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.64%	
Target Compounds						
8) Diethyl Ether	3.68	74	2260	2.102	ug/l	90
16) Acetone	4.11	43	60911	103.765	ug/l	98
17) Carbon Disulfide	4.38	76	85662	14.628	ug/l	98
20) Methylene Chloride	4.91	84	18282	8.238	ug/l	93
25) 2-Butanone	7.16	43	7994	10.022	ug/l	95

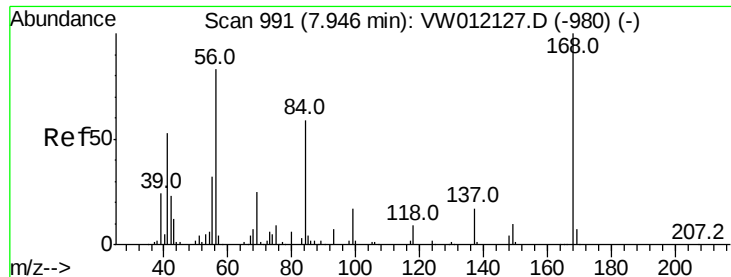
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW083019\
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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: VW012377.D

Acq: 31 Aug 2019 04:13

Instrument :

MSVOA_W

ClientSampled :

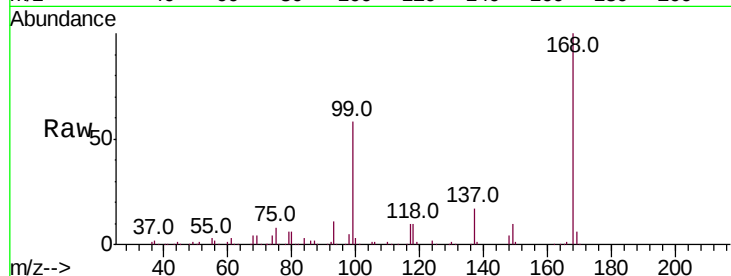
SB-02-20-22

Tot Ion:168 Resp: 193177

Ion Ratio Lower Upper

168 100

99 58.0 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

100000

80000

60000

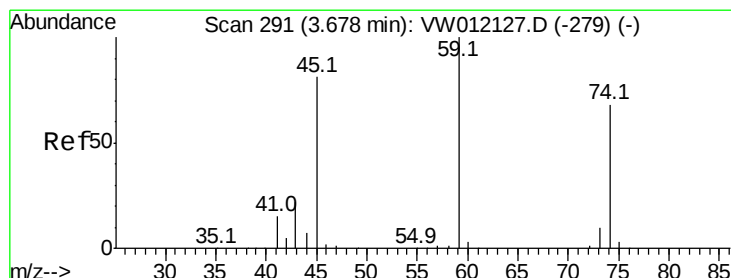
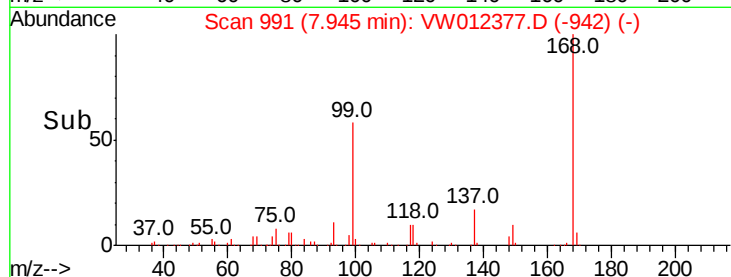
40000

20000

0

Time-->

7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 2.102 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VW012377.D

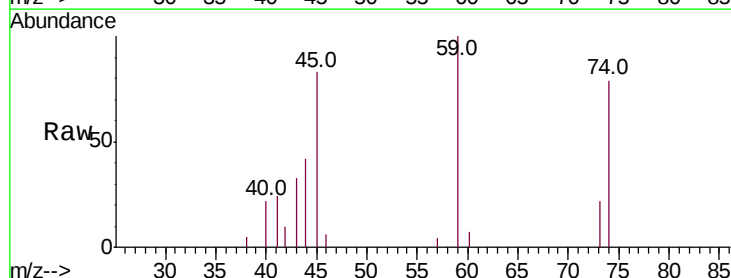
Acq: 31 Aug 2019 04:13

Tgt Ion: 74 Resp: 2260

Ion Ratio Lower Upper

74 100

45 129.2 59.2 177.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

1200

1000

800

600

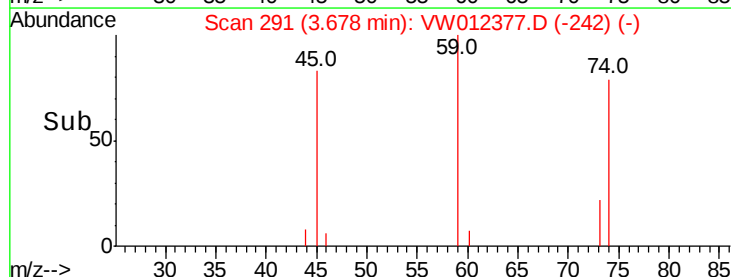
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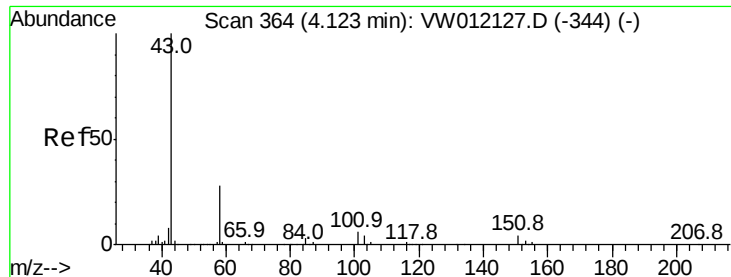
200

0

Time-->

3.60 3.65 3.70 3.75





#16

Acetone

Concen: 103.765 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW012377.D

Acq: 31 Aug 2019 04:13

Instrument :

MSVOA_W

ClientSampleId :

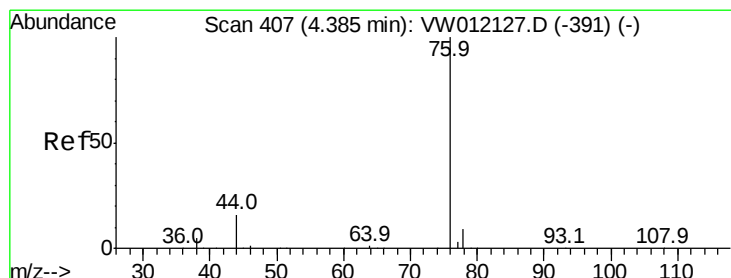
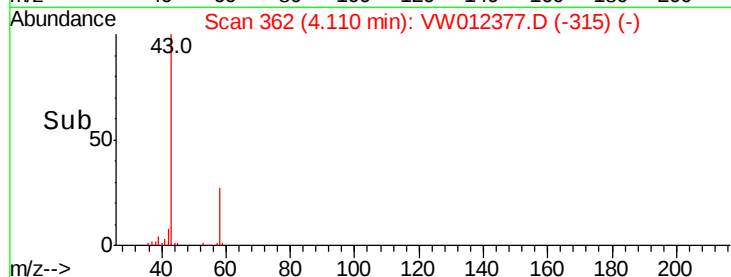
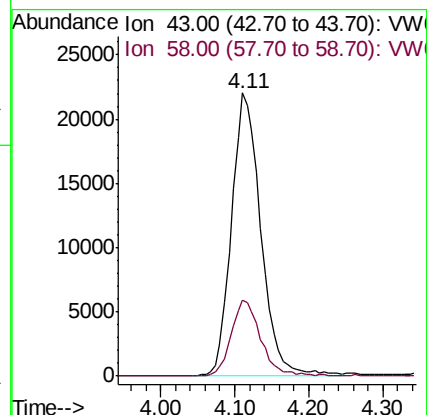
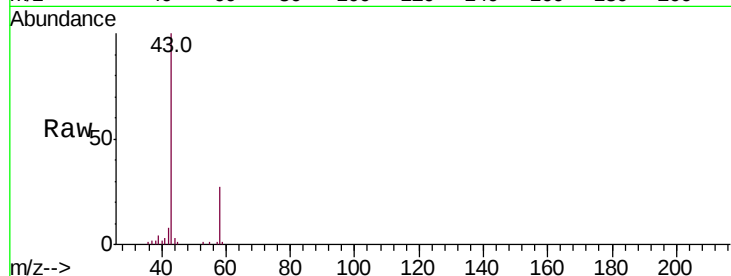
SB-02-20-22

Tot Ion: 43 Resp: 60911

Ion Ratio Lower Upper

43 100

58 26.8 22.4 33.6



#17

Carbon Disulfide

Concen: 14.628 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW012377.D

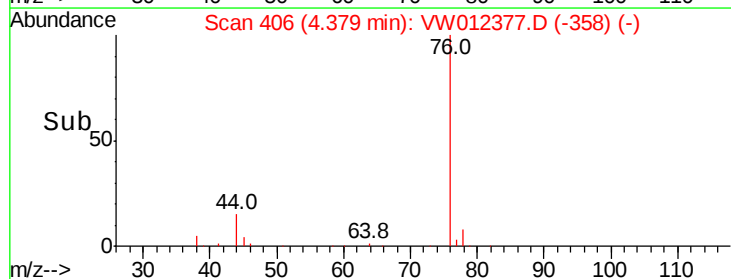
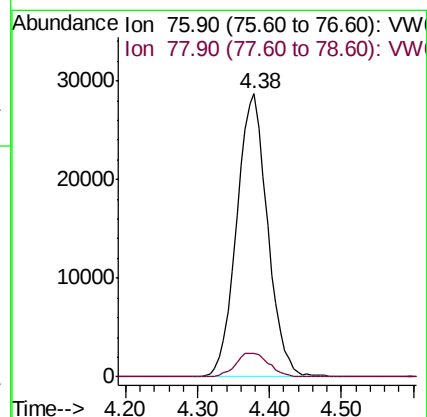
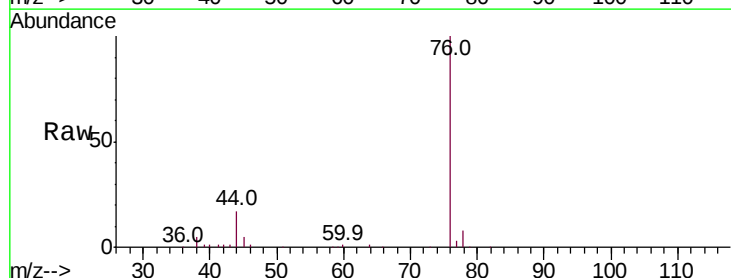
Acq: 31 Aug 2019 04:13

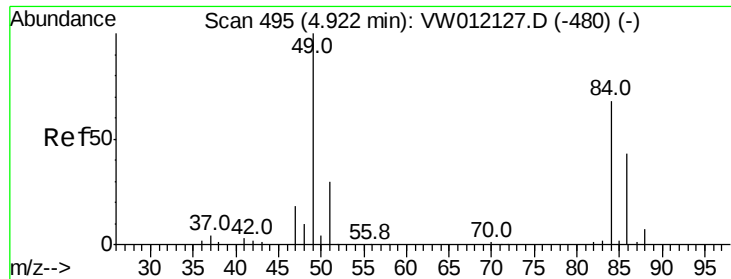
Tgt Ion: 76 Resp: 85662

Ion Ratio Lower Upper

76 100

78 8.4 7.3 10.9

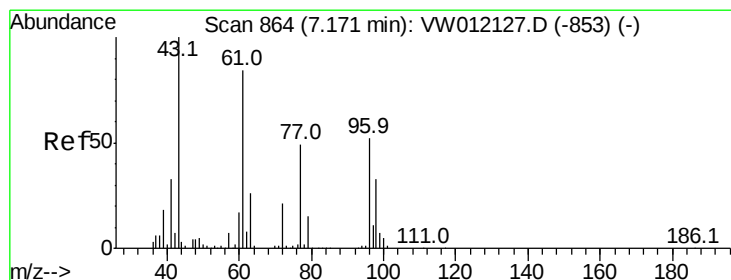
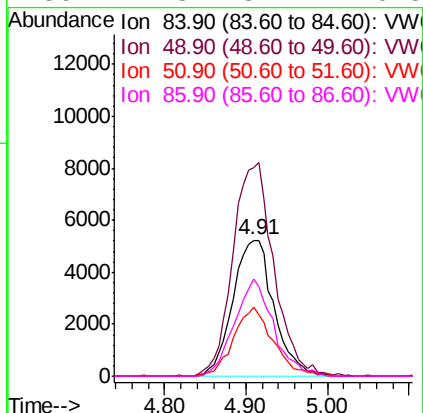
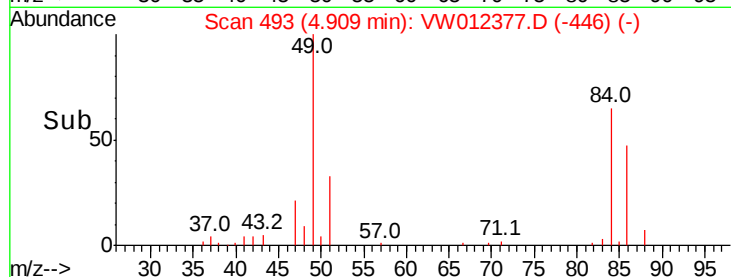
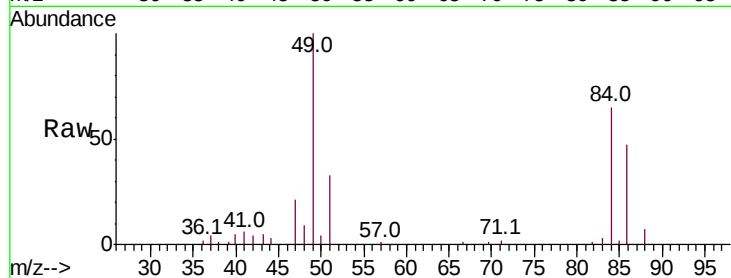




#20
Methvlene Chloride
Concen: 8.238 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012377.D
Acq: 31 Aug 2019 04:13

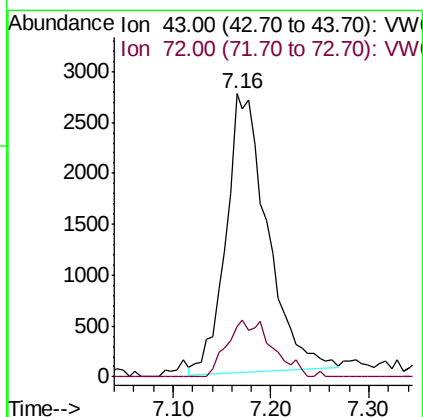
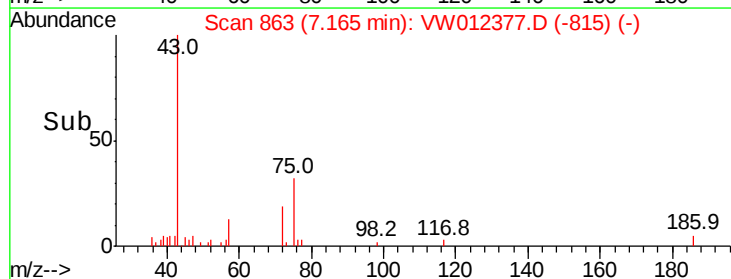
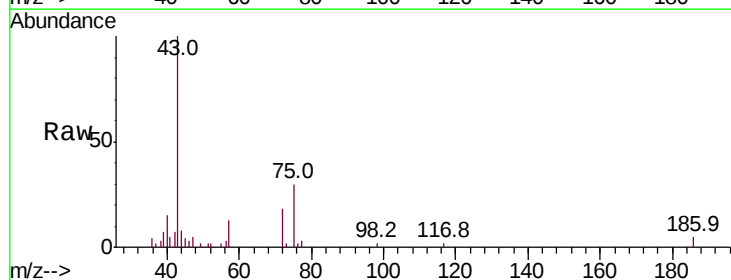
Instrument :
MSVOA_W
ClientSampled :
SB-02-20-22

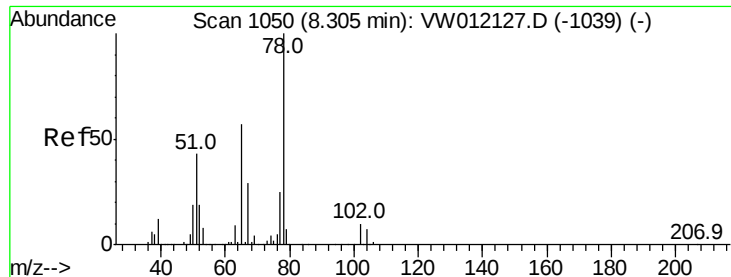
Tot Ion: 84 Resp: 18282
Ion Ratio Lower Upper
84 100
49 153.1 117.8 176.8
51 50.9 35.6 53.4
86 71.3 51.2 76.8



#25
2-Butanone
Concen: 10.022 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012377.D
Acq: 31 Aug 2019 04:13

Tgt Ion: 43 Resp: 7994
Ion Ratio Lower Upper
43 100
72 18.4 16.6 24.8





#33

1,2-Dichloroethane-d4

Concen: 56.689 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

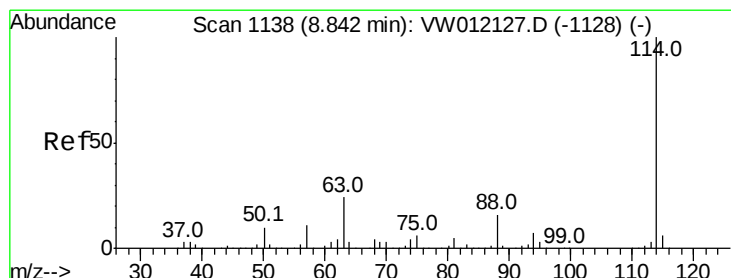
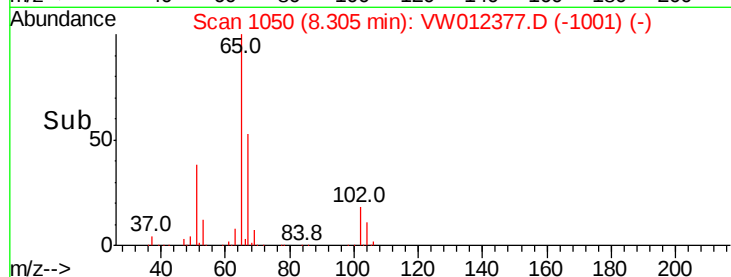
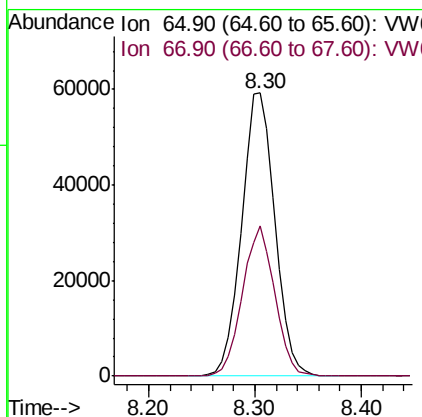
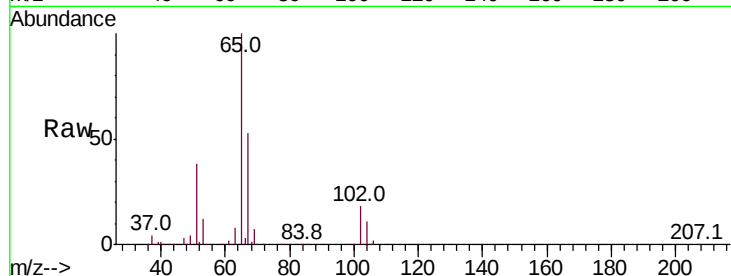
Lab File: VW012377.D

Acq: 31 Aug 2019 04:13

Instrument :
MSVOA_W
ClientSampleId :
SB-02-20-22

Tot Ion: 65 Resp: 130181

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

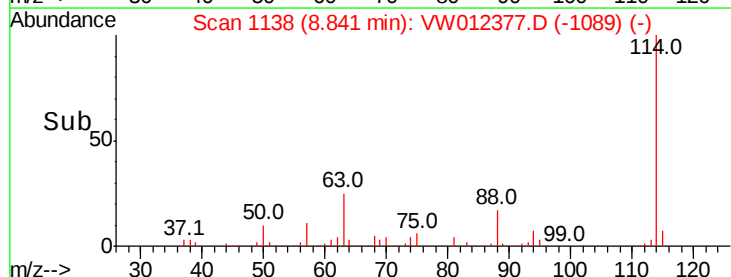
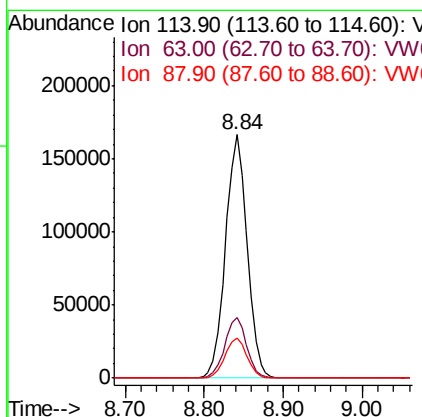
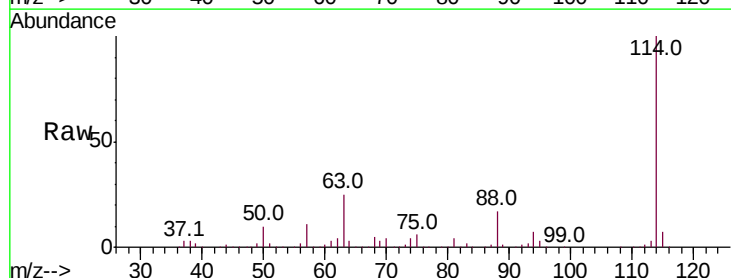
Delta R.T. -0.00 min

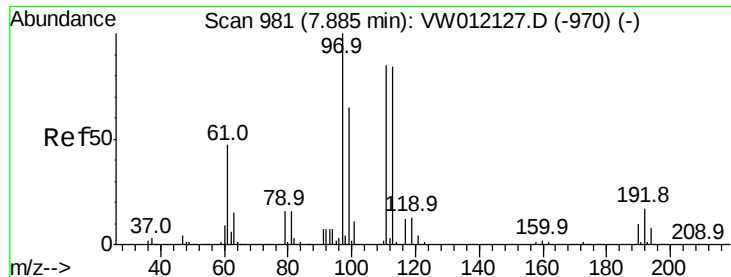
Lab File: VW012377.D

Acq: 31 Aug 2019 04:13

Tgt Ion: 114 Resp: 317238

Ion	Ratio	Lower	Upper
114	100		
63	24.9	0.0	48.6
88	16.6	0.0	32.2

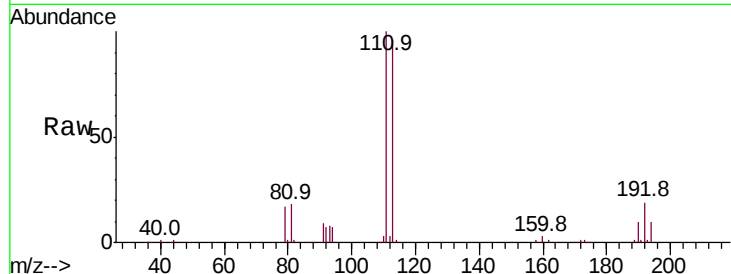




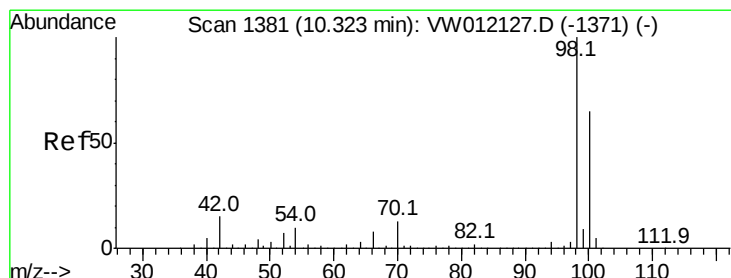
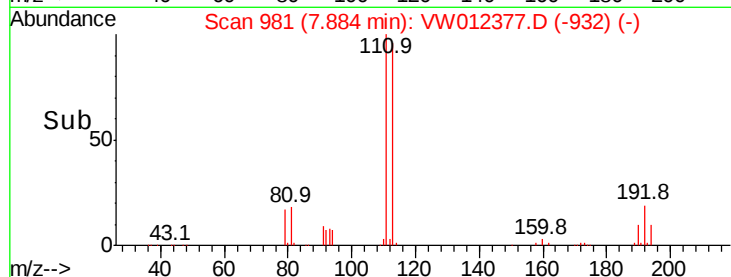
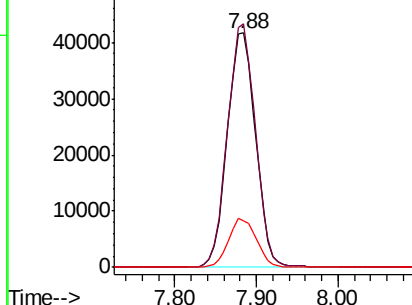
#35
 Dibromofluoromethane
 Concen: 52.685 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012377.D
 Acq: 31 Aug 2019 04:13

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-02-20-22

Tot Ion:113 Resp: 99764
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.7 124.1
 192 20.6 16.2 24.2

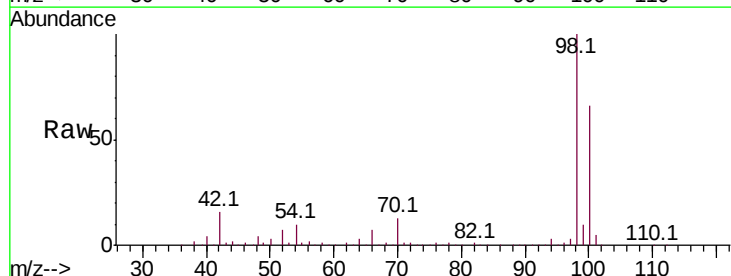


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

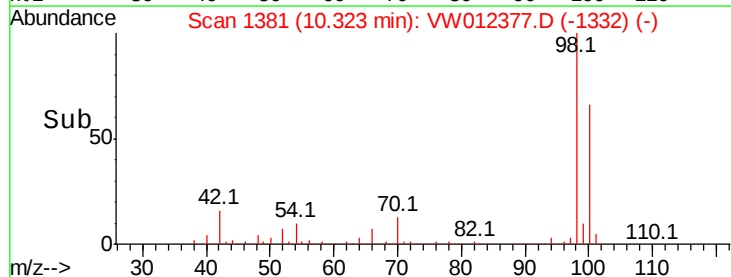
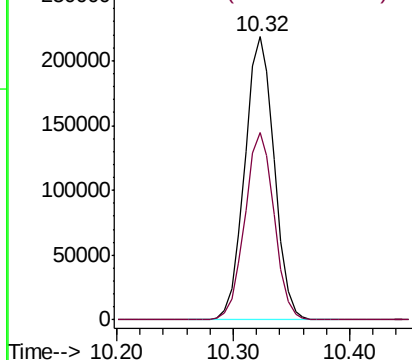


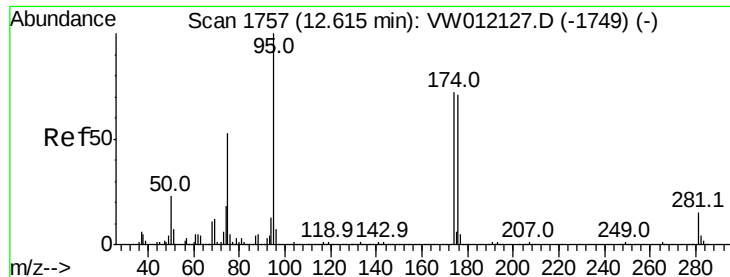
#50
 Toluene-d8
 Concen: 50.118 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012377.D
 Acq: 31 Aug 2019 04:13

Tgt Ion: 98 Resp: 384805
 Ion Ratio Lower Upper
 98 100
 100 65.9 52.4 78.6



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

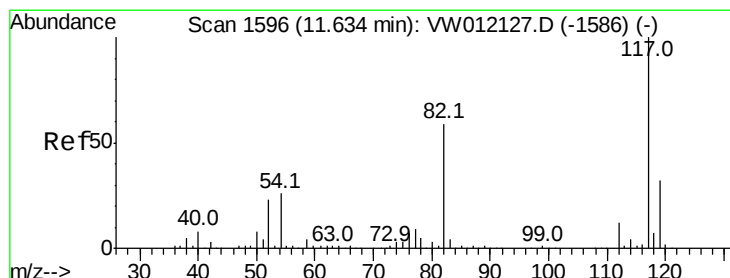
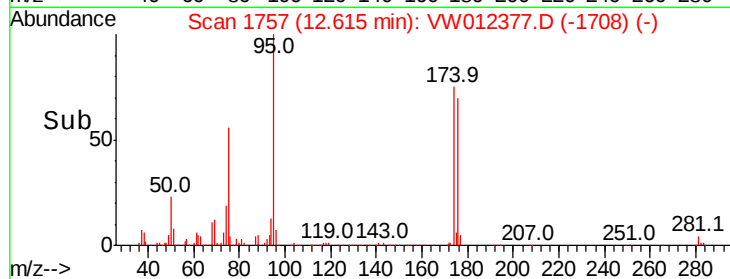
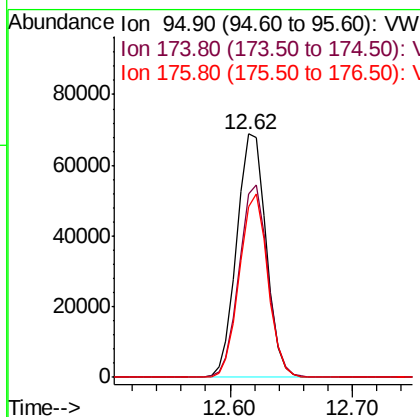
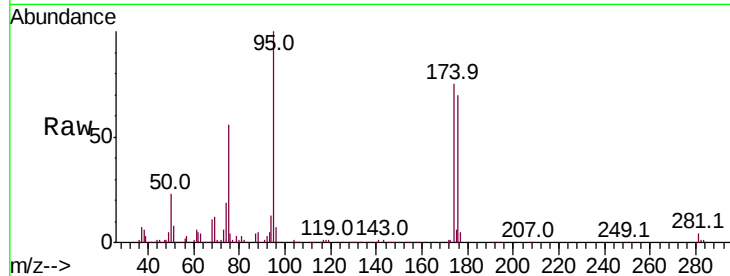




#62
4-Bromofluorobenzene
Concen: 42.319 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012377.D
Acq: 31 Aug 2019 04:13

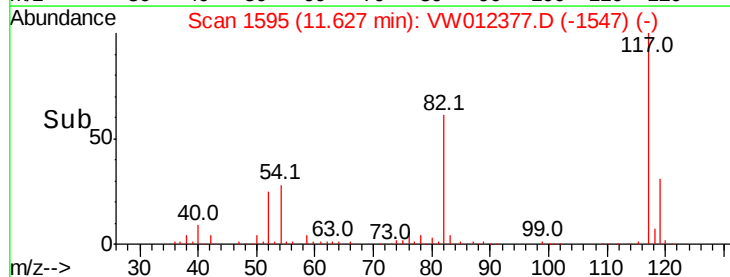
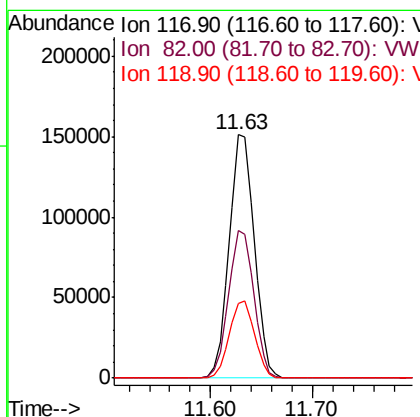
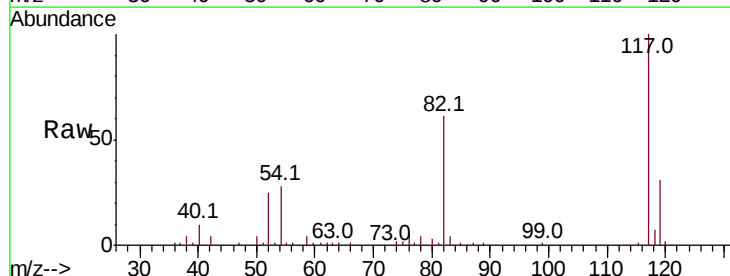
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MSVOA_W
ClientSampleId :
SB-02-20-22

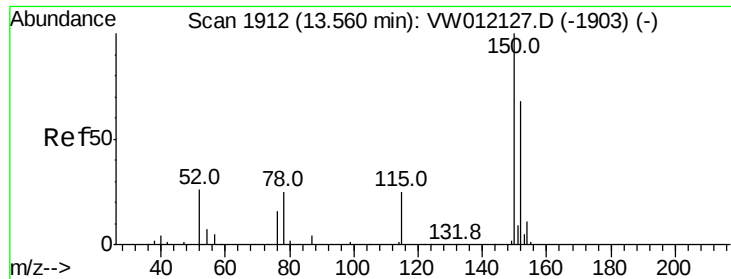
Tot Ion: 95 Resp: 114536
Ion Ratio Lower Upper
95 100
174 77.6 0.0 150.8
176 73.0 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012377.D
Acq: 31 Aug 2019 04:13

Tgt Ion: 117 Resp: 257052
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.2
119 30.9 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: VW012377.D

Acq: 31 Aug 2019 04:13

Instrument :

MSVOA_W

ClientSampleId :

SB-02-20-22

Tot Ion:152 Resp: 90969

Ion Ratio Lower Upper

152 100

115 61.3 30.1 90.3

150 158.8 0.0 345.8

