

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090518\
 Data File : VW005143.D
 Acq On : 05 Sep 2018 21:18
 Operator : SY/AP
 Sample : J4712-10RE
 Misc : 5.31G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-02RE

Quant Time: Sep 06 01:49:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	469865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	790698	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	769019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	333114	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	294376	75.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	151.16%	
35) Dibromofluoromethane	7.89	113	249741	54.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.32%	
50) Toluene-d8	10.33	98	1041388	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
62) 4-Bromofluorobenzene	12.63	95	339358	45.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.42%	

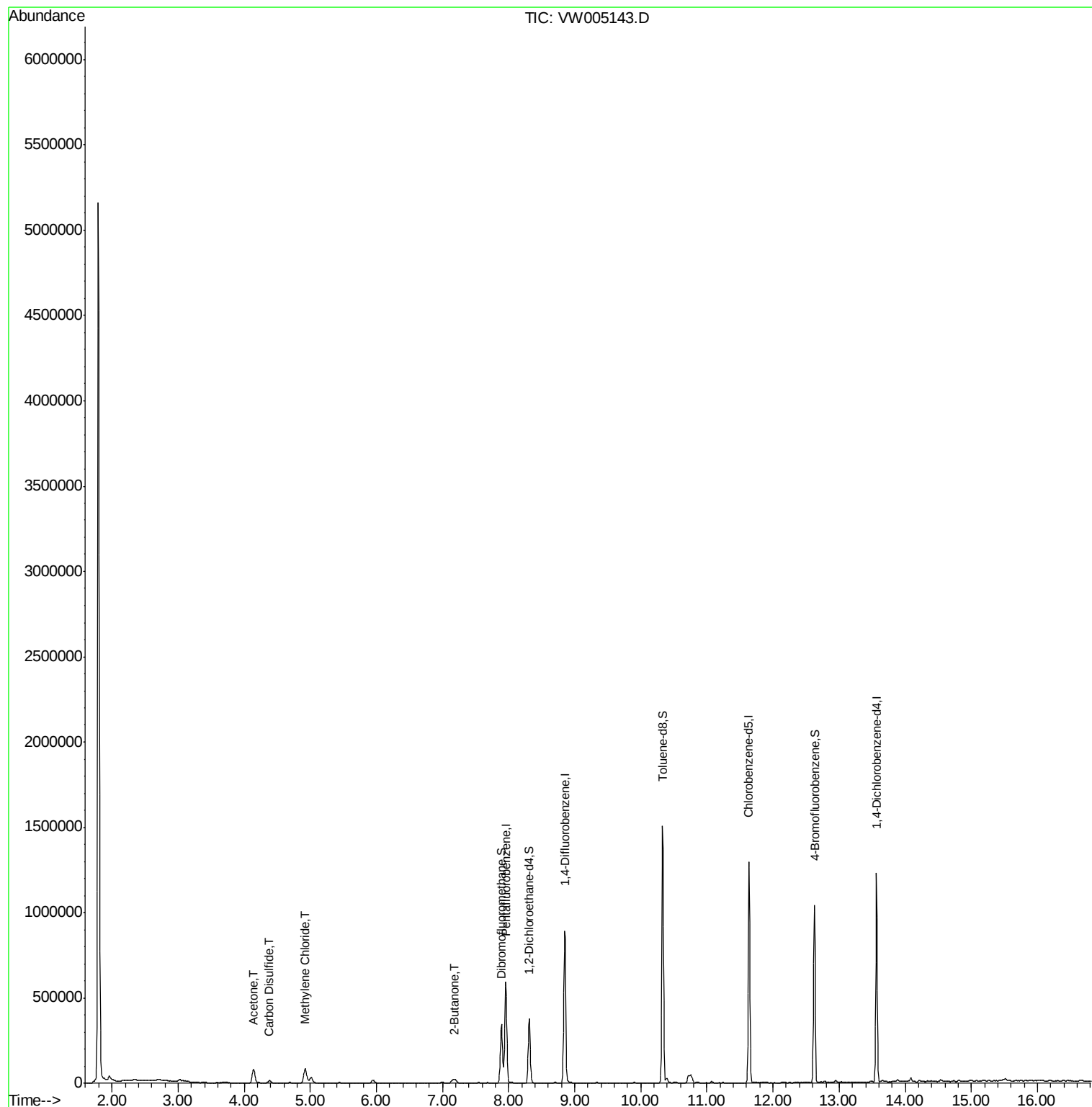
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	140040	179.28	ug/l	98
17) Carbon Disulfide	4.38	76	27957	2.11	ug/l	100
20) Methylene Chloride	4.92	84	66109	9.36	ug/l	94
25) 2-Butanone	7.19	43	30331	22.39	ug/l	94

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005143.D

Acq: 05 Sep 2018 21:18

Instrument :

MSVOA_W

ClientSampleId :

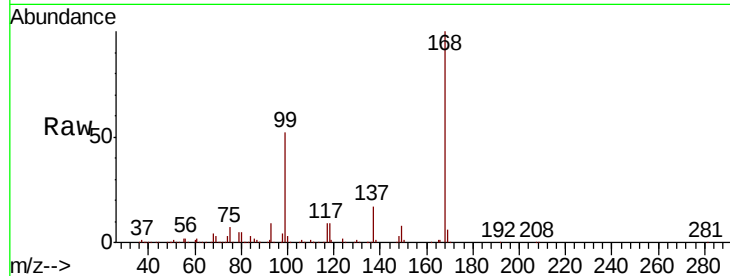
SB-02RE

Tot Ion:168 Resp: 469865

Ion Ratio Lower Upper

168 100

99 51.8 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

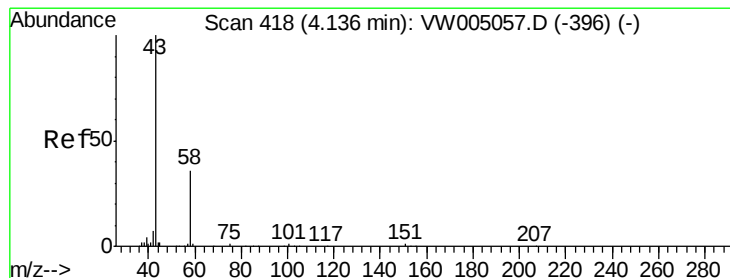
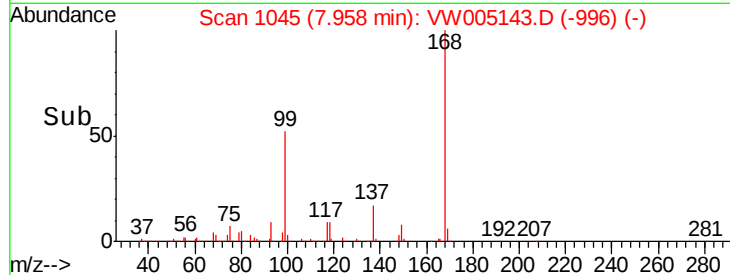
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 179.28 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW005143.D

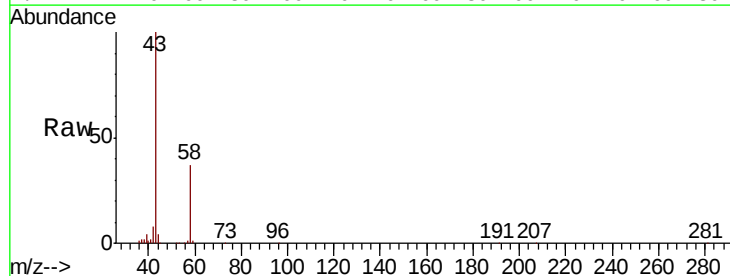
Acq: 05 Sep 2018 21:18

Tgt Ion: 43 Resp: 140040

Ion Ratio Lower Upper

43 100

58 37.5 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

50000

40000

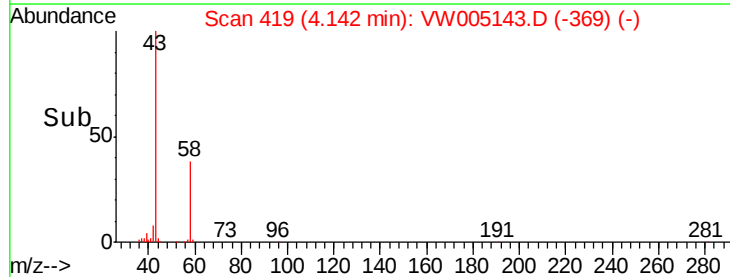
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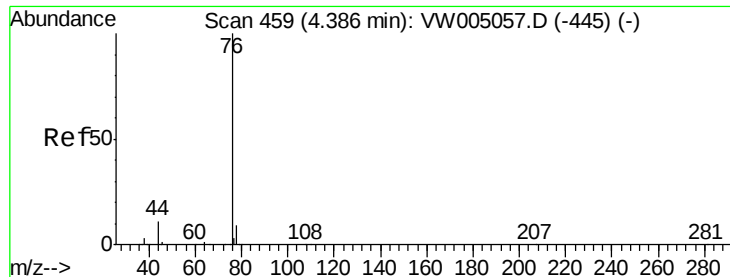
20000

10000

0

Time--> 4.00 4.10 4.20

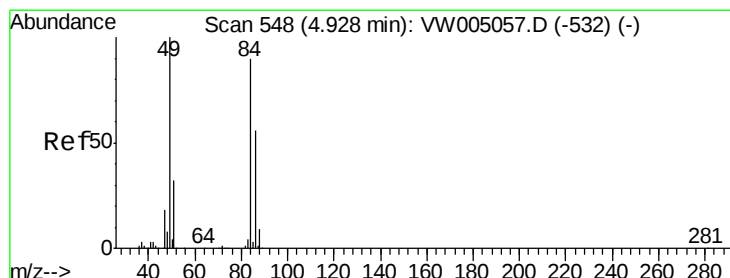
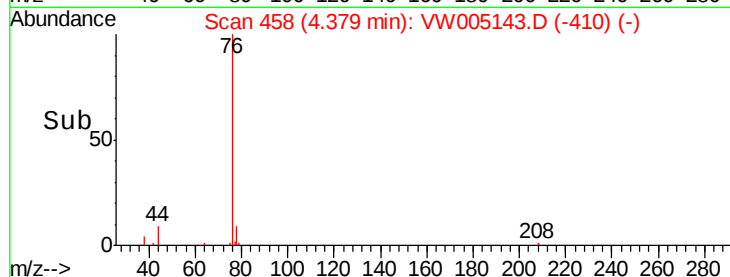
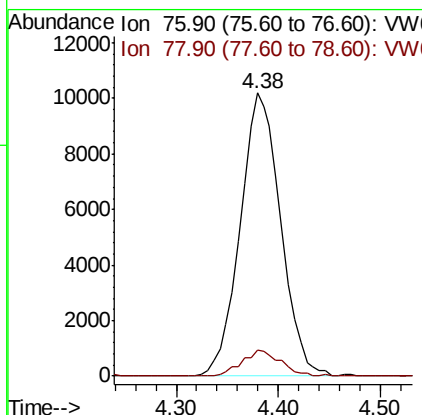
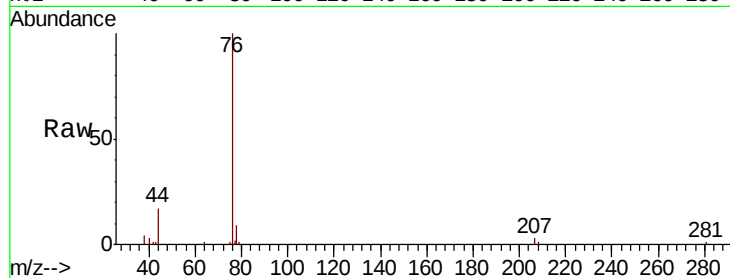




#17
Carbon Disulfide
Concen: 2.11 ug/l
RT: 4.38 min Scan# 458
Delta R.T. -0.01 min
Lab File: VW005143.D
Acq: 05 Sep 2018 21:18

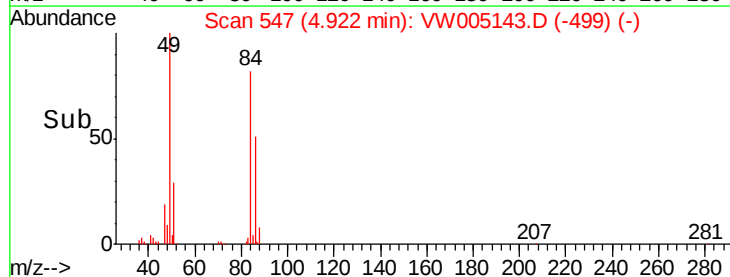
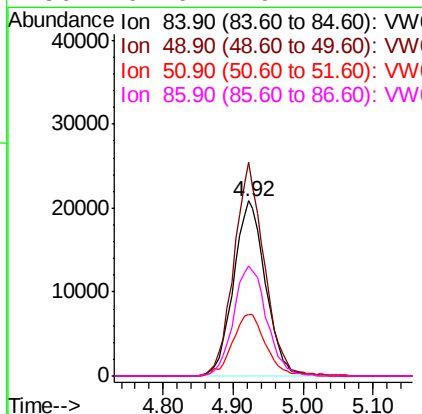
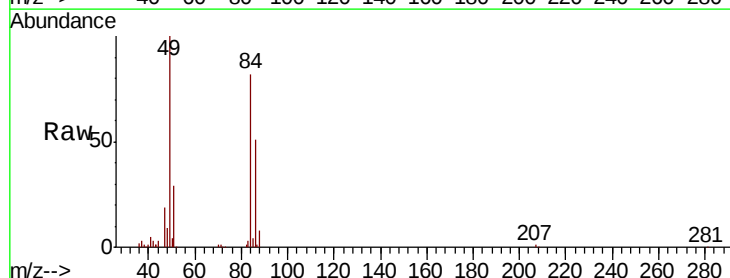
Instrument :
MSVOA_W
ClientSampleId :
SB-02RE

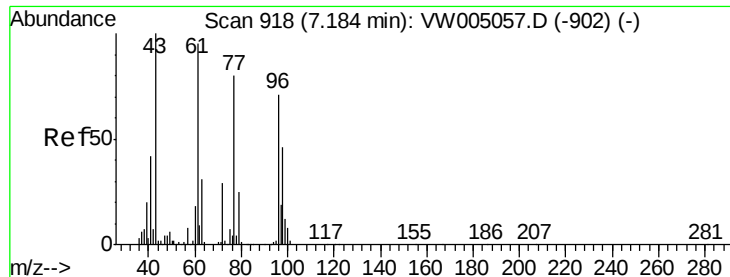
Tot Ion: 76 Resp: 27957
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#20
Methylene Chloride
Concen: 9.36 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW005143.D
Acq: 05 Sep 2018 21:18

Tgt Ion: 84 Resp: 66109
Ion Ratio Lower Upper
84 100
49 122.0 88.7 133.1
51 35.0 28.6 42.8
86 62.6 49.4 74.2





#25

2-Butanone

Concen: 22.39 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW005143.D

Acq: 05 Sep 2018 21:18

Instrument :

MSVOA_W

ClientSampled :

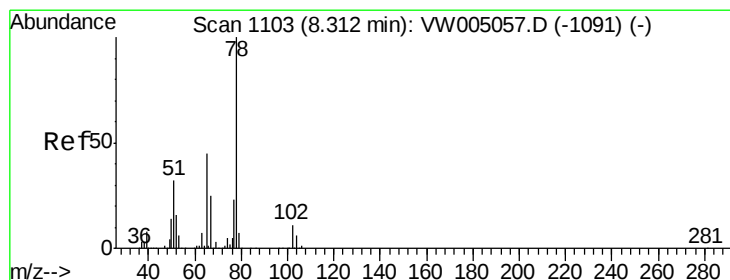
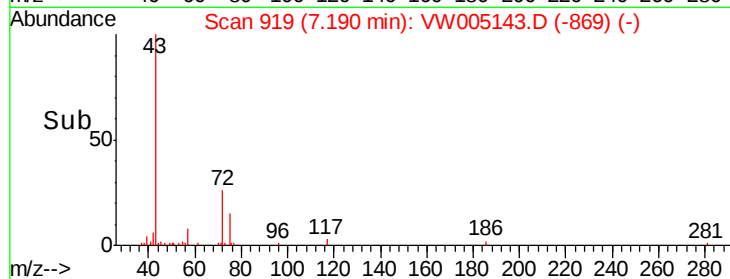
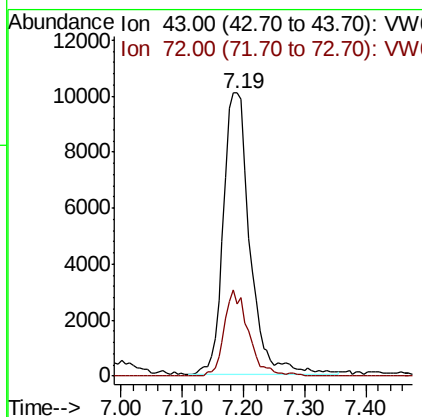
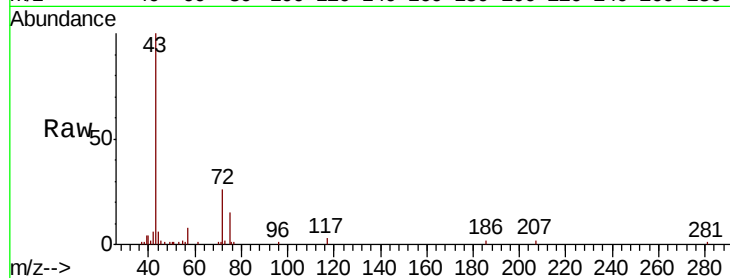
SB-02RE

Tot Ion: 43 Resp: 30331

Ion Ratio Lower Upper

43 100

72 25.8 23.1 34.7



#33

1,2-Dichloroethane-d4

Concen: 75.58 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW005143.D

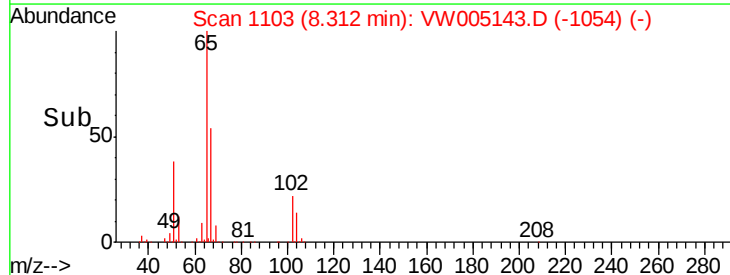
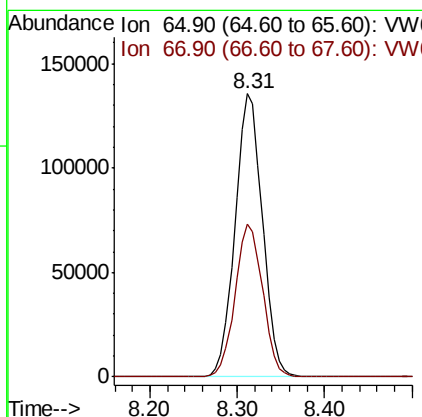
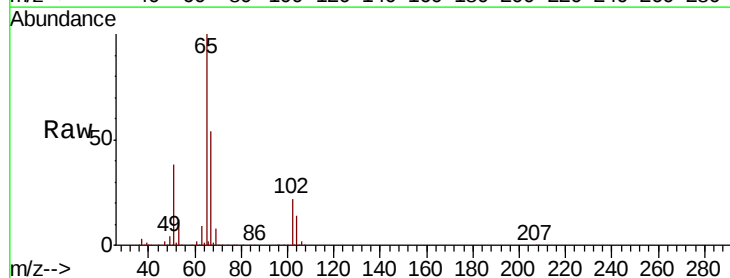
Acq: 05 Sep 2018 21:18

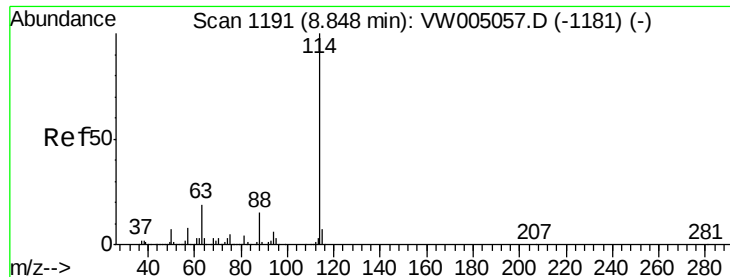
Tgt Ion: 65 Resp: 294376

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.4

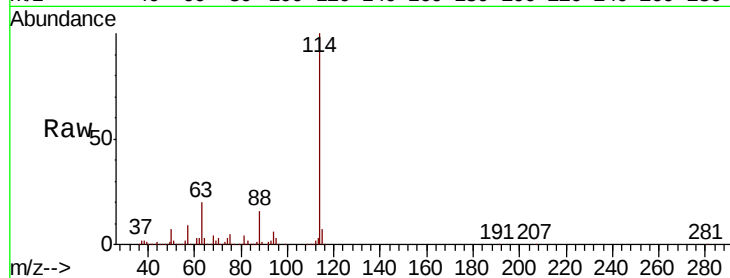




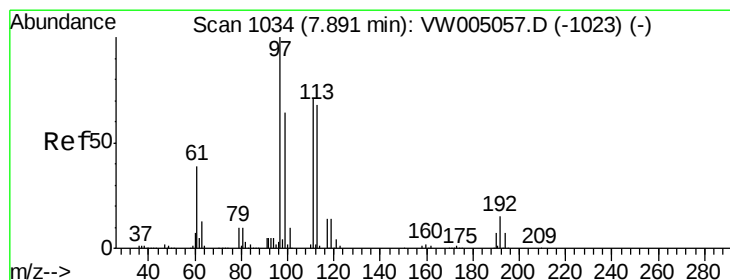
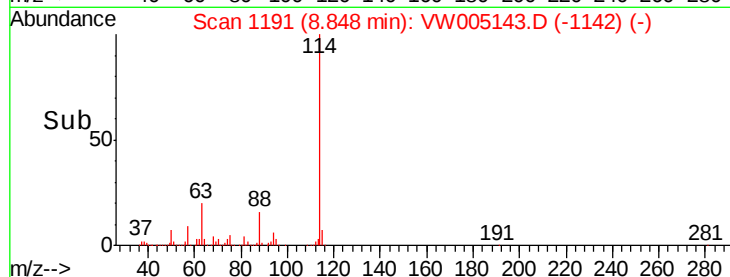
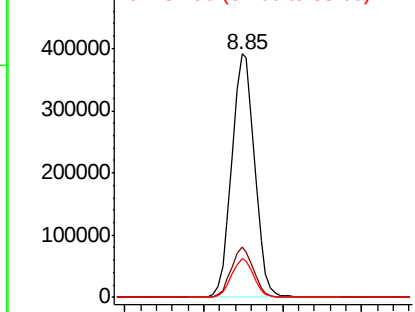
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005143.D
 Acq: 05 Sep 2018 21:18

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-02RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	38.0
88	16.0	0.0	30.2

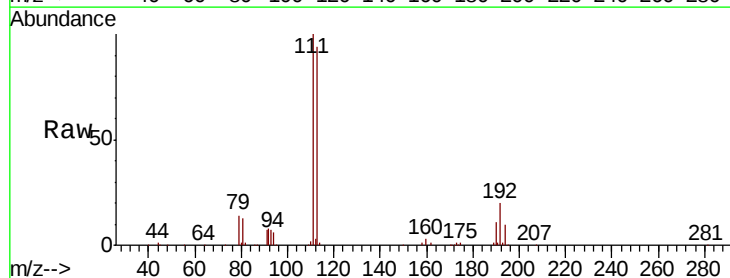


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

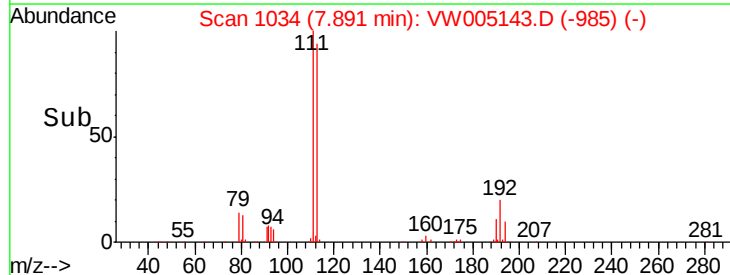
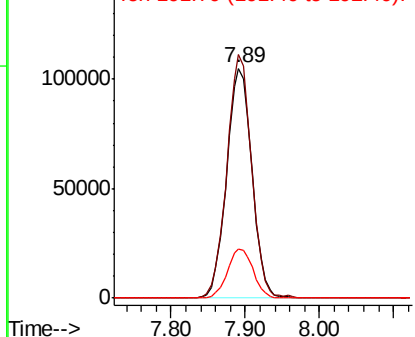


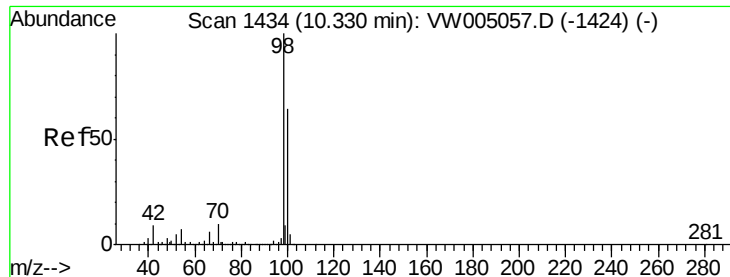
#35
 Dibromofluoromethane
 Concen: 54.66 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005143.D
 Acq: 05 Sep 2018 21:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.2	123.2
192	21.7	18.1	27.1



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: 49.46 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005143.D

Acq: 05 Sep 2018 21:18

Instrument :

MSVOA_W

ClientSampleId :

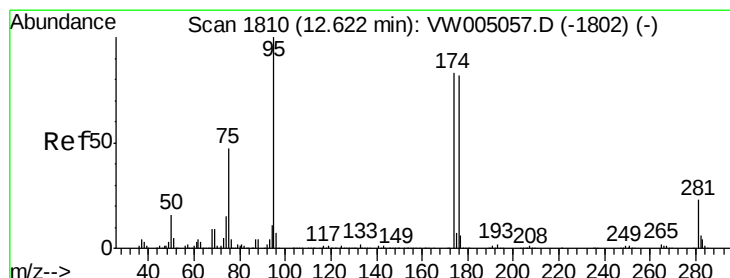
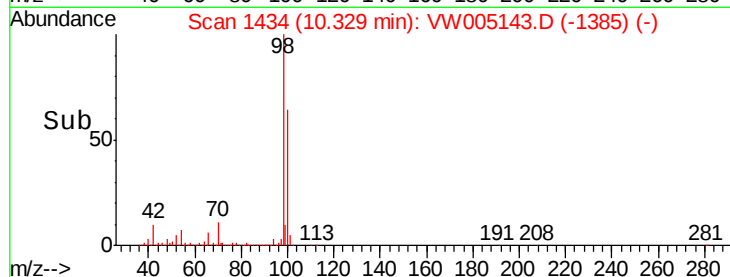
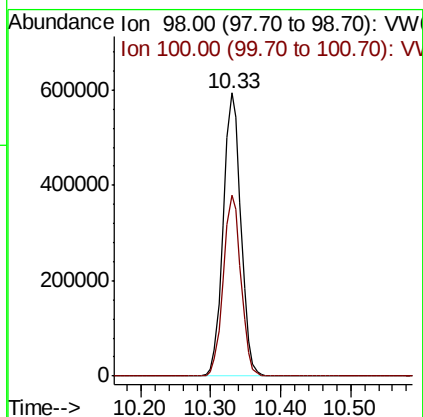
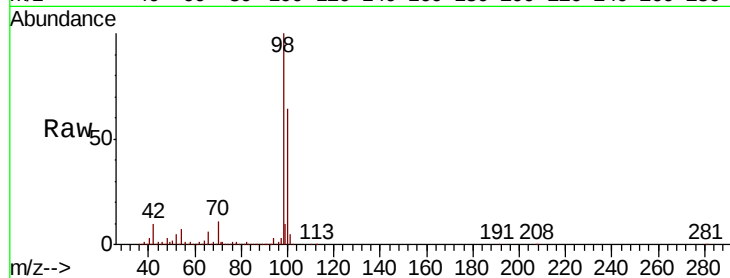
SB-02RE

Tot Ion: 98 Resp: 1041388

Ion Ratio Lower Upper

98 100

100 63.9 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 45.71 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW005143.D

Acq: 05 Sep 2018 21:18

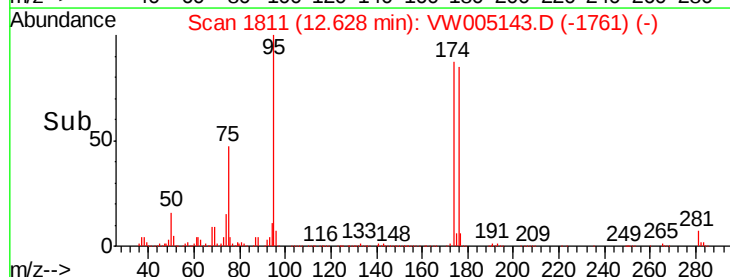
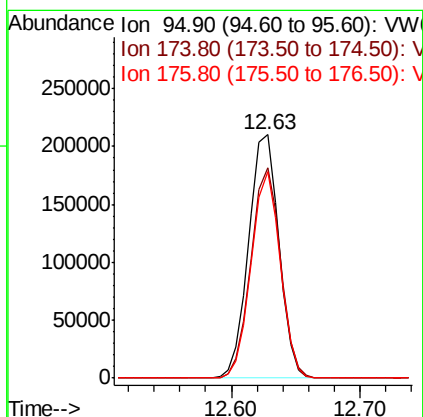
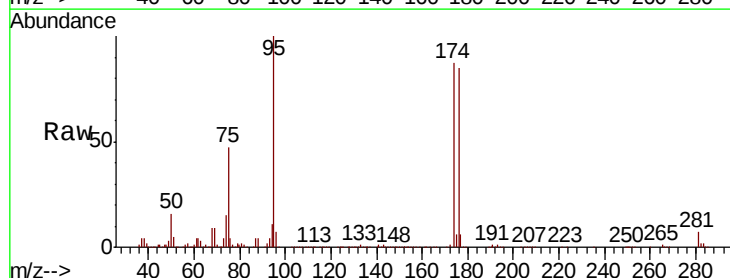
Tgt Ion: 95 Resp: 339358

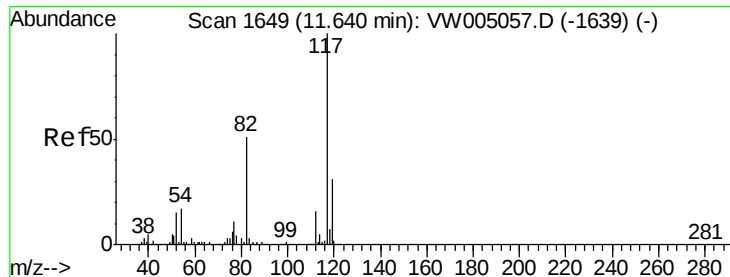
Ion Ratio Lower Upper

95 100

174 85.1 0.0 173.4

176 81.7 0.0 167.4

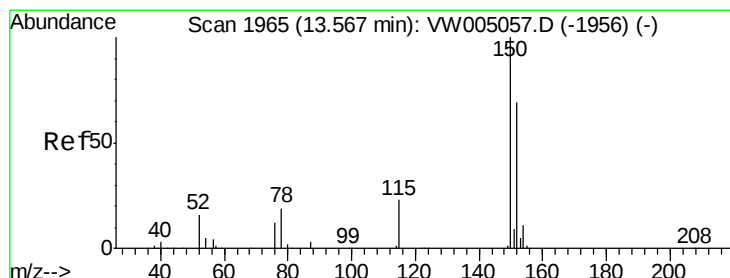
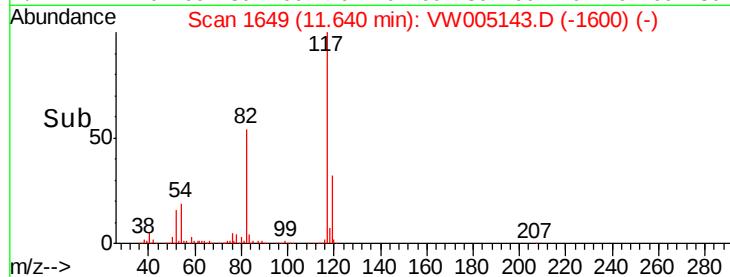
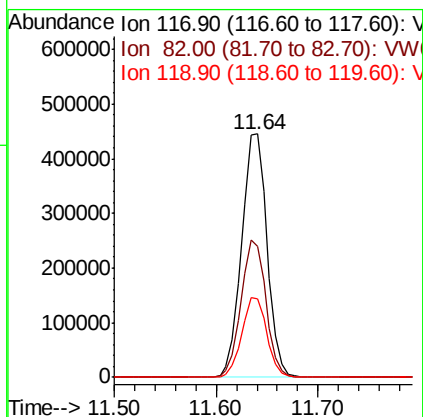
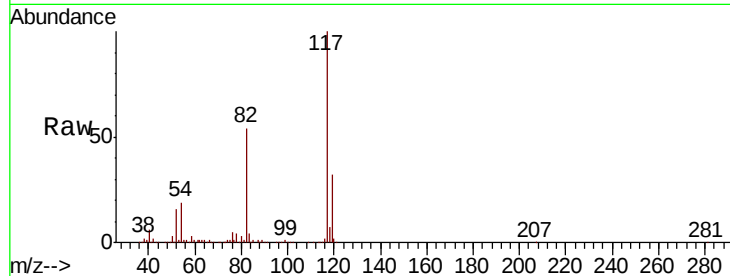




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW005143.D
Acq: 05 Sep 2018 21:18

Instrument :
MSVOA_W
ClientSampleId :
SB-02RE

Tot Ion:117 Resp: 769019
Ion Ratio Lower Upper
117 100
82 53.7 40.9 61.3
119 32.1 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005143.D
Acq: 05 Sep 2018 21:18

Tgt Ion:152 Resp: 333114
Ion Ratio Lower Upper
152 100
115 56.8 27.8 83.4
150 156.1 0.0 351.4

