

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121518\
 Data File : VW007454.D
 Acq On : 12 Dec 2018 22:47
 Operator : SY/AP
 Sample : J6275-02RE
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF-02-120418RE

Quant Time: Dec 13 04:21:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	59566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	108795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	105871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	51628	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	35972	54.43	ug/l	0.00
Spiked Amount			Recovery	=	108.86%	
35) Dibromofluoromethane	7.88	113	31714	48.16	ug/l	0.00
Spiked Amount			Recovery	=	96.32%	
50) Toluene-d8	10.32	98	102619	41.56	ug/l	0.00
Spiked Amount			Recovery	=	83.12%	
62) 4-Bromofluorobenzene	12.62	95	43432	47.84	ug/l	0.00
Spiked Amount			Recovery	=	95.68%	

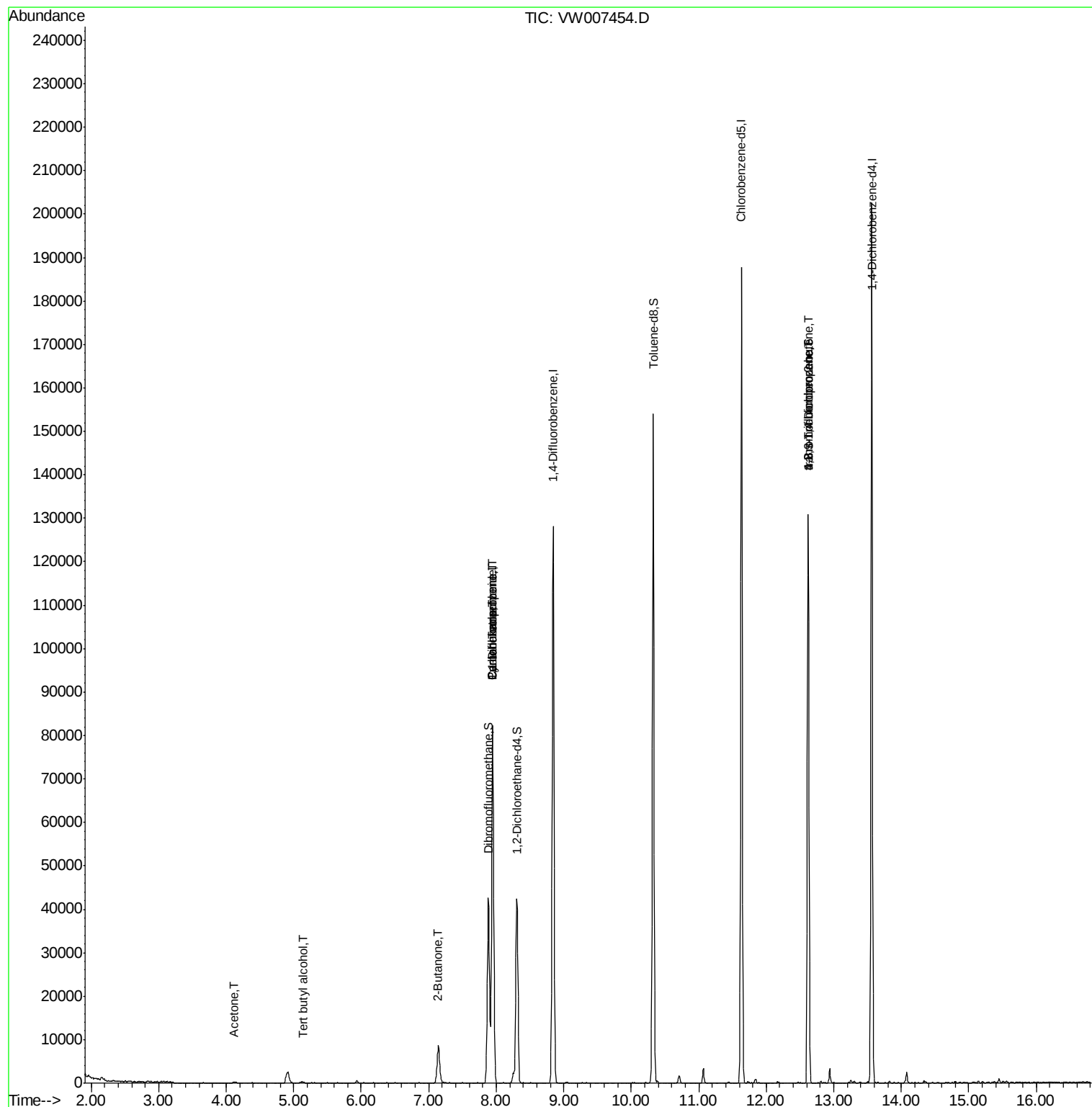
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.13	59	172	3.790	ug/l #	74
16) Acetone	4.12	43	603	5.224	ug/l #	44
20) Methylene Chloride	4.92	84	2215	Below Cal		97
25) 2-Butanone	7.13	43	361	2.396	ug/l #	45
31) Cyclohexane	7.95	56	1258	1.225	ug/l #	6
36) 1,1-Dichloropropene	7.95	75	4355	4.388	ug/l #	50
38) Carbon Tetrachloride	7.95	117	6201	5.742	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	22388	52.593	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	22388	116.177	ug/l #	7

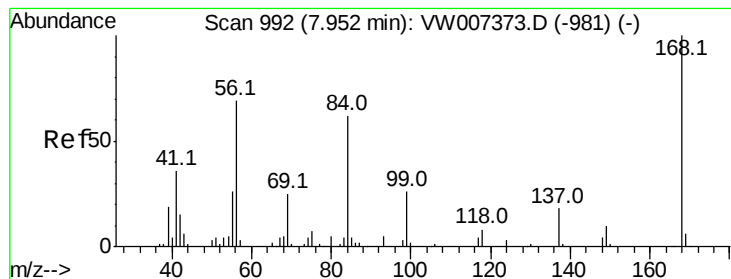
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007454.D

Acq: 12 Dec 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

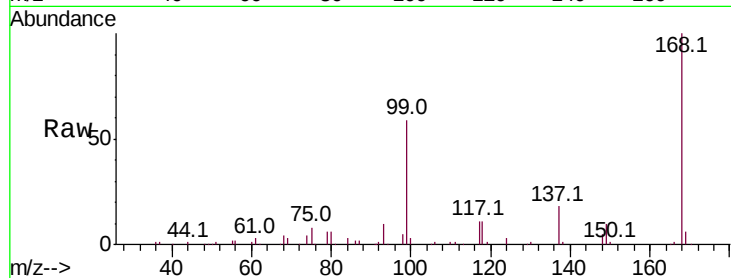
BF-02-120418RE

Tot Ion:168 Resp: 59566

Ion Ratio Lower Upper

168 100

99 59.5 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

25000

20000

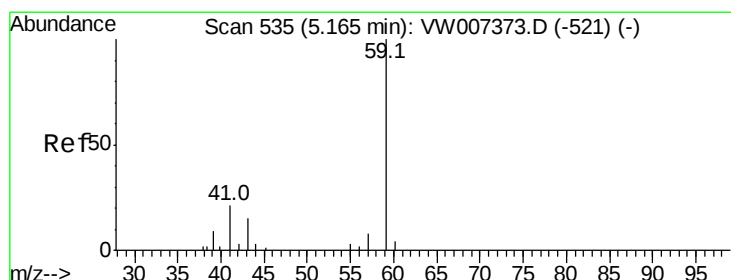
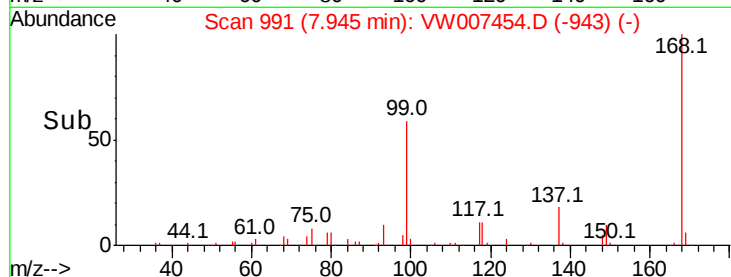
15000

10000

5000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.790 ug/l

RT: 5.13 min Scan# 530

Delta R.T. -0.03 min

Lab File: VW007454.D

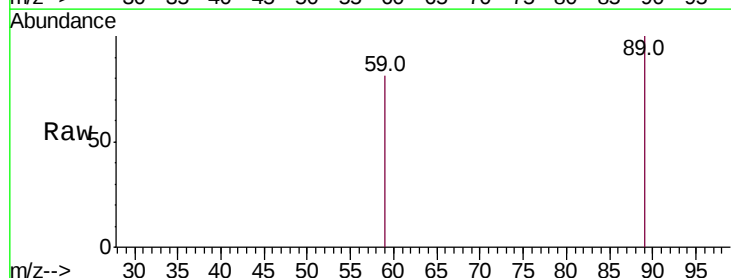
Acq: 12 Dec 2018 22:47

Tgt Ion: 59 Resp: 172

Ion Ratio Lower Upper

59 100

57 0.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.13

100

80

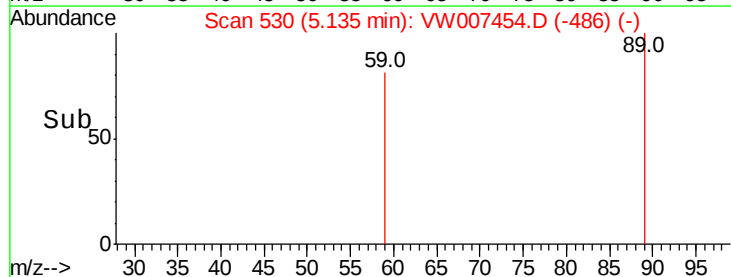
60

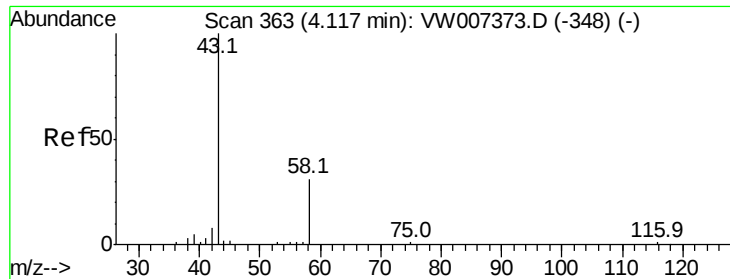
40

20

0

Time-->





#16

Acetone

Concen: 5.224 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007454.D

Acq: 12 Dec 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

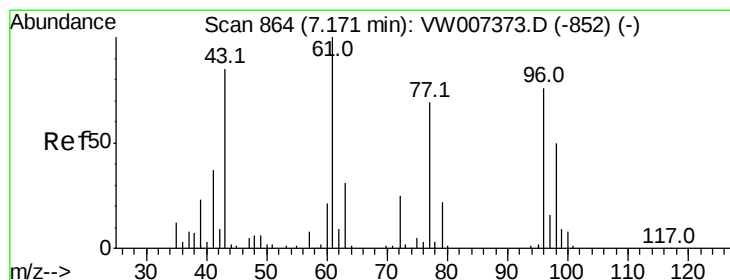
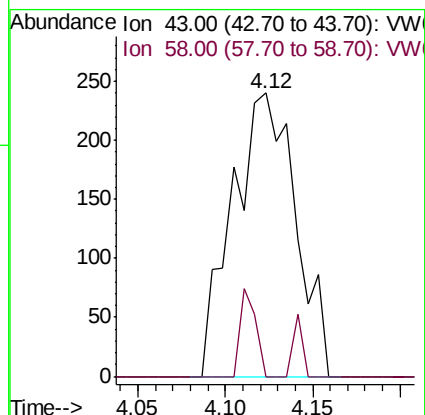
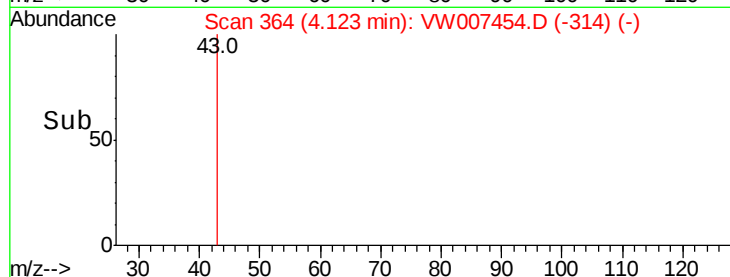
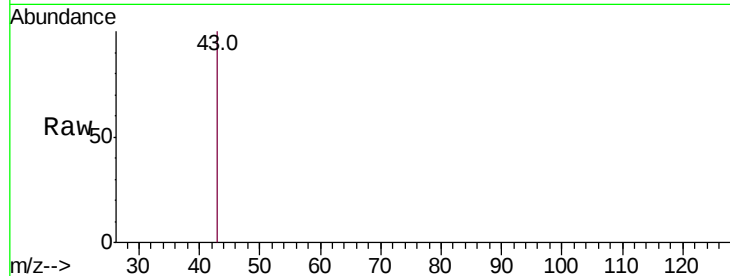
BF-02-120418RE

Tot Ion: 43 Resp: 603

Ion Ratio Lower Upper

43 100

58 0.0 24.9 37.3#



#25

2-Butanone

Concen: 2.396 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: VW007454.D

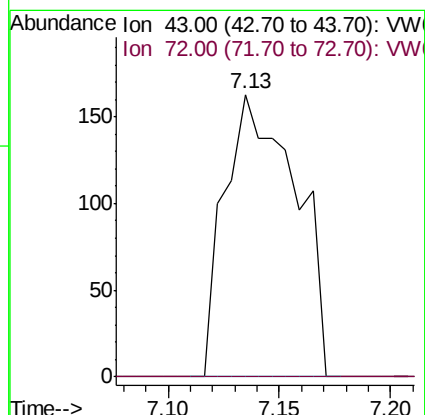
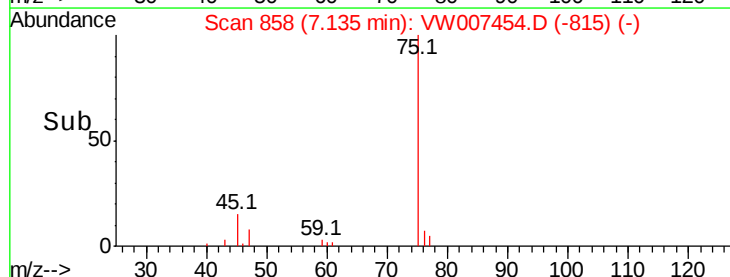
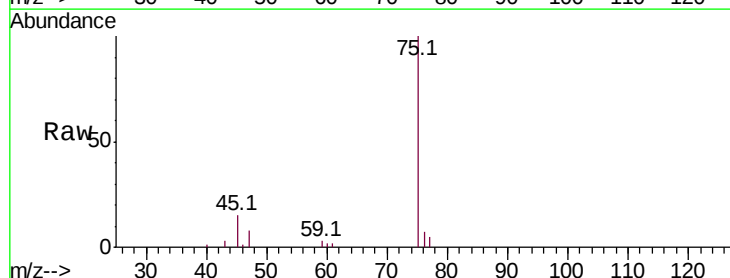
Acq: 12 Dec 2018 22:47

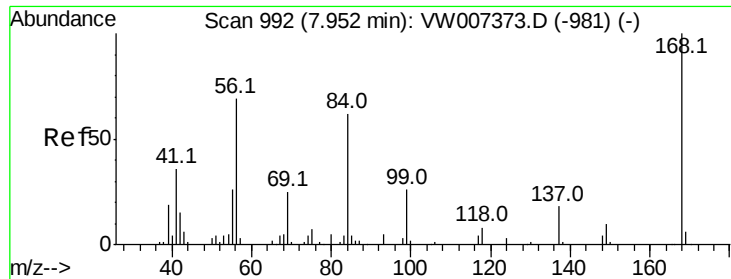
Tgt Ion: 43 Resp: 361

Ion Ratio Lower Upper

43 100

72 0.0 23.4 35.2#

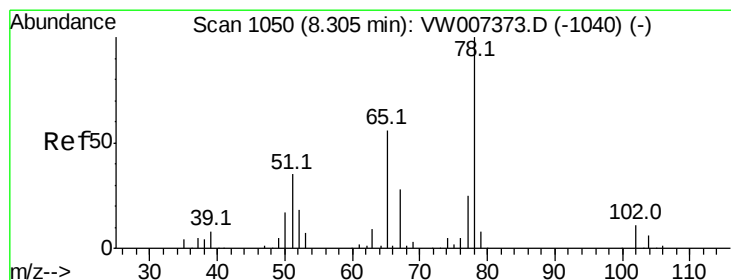
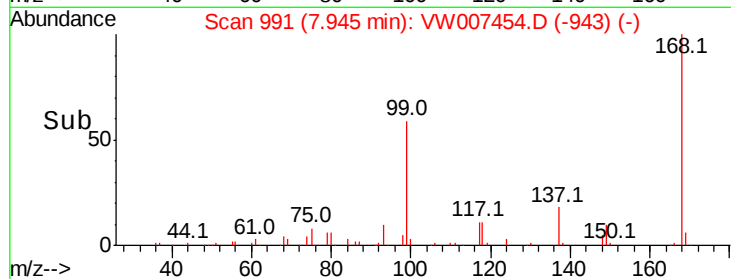
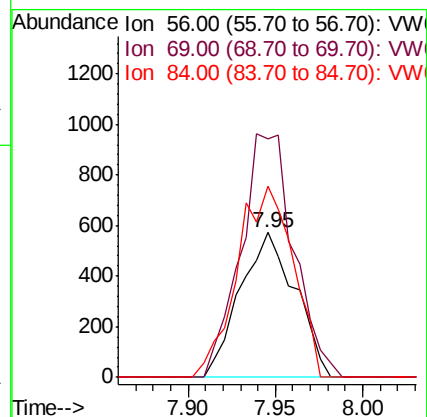
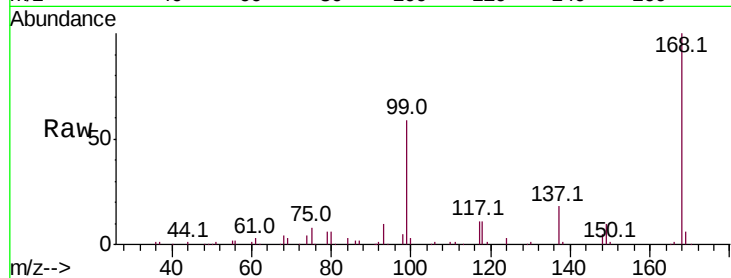




#31
Cyclohexane
Concen: 1.225 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007454.D
Acq: 12 Dec 2018 22:47

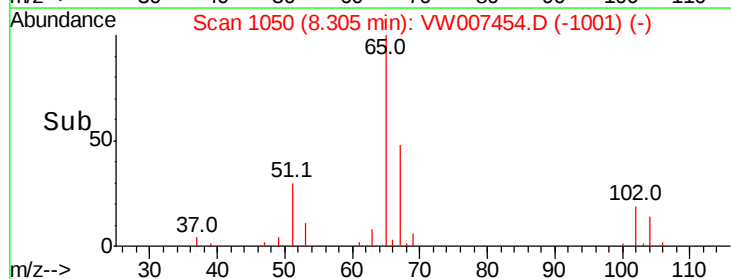
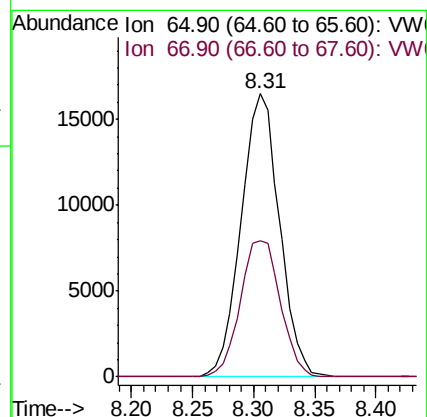
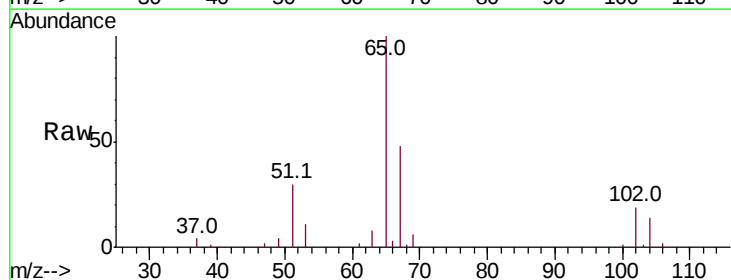
Instrument :
MSVOA_W
ClientSampleId :
BF-02-120418RE

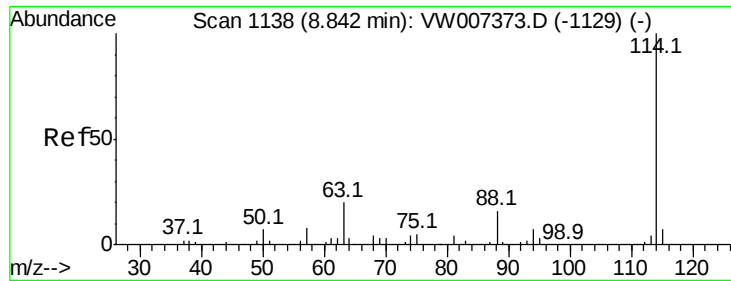
Tot Ion: 56 Resp: 1258
Ion Ratio Lower Upper
56 100
69 164.2 28.9 43.3#
84 131.6 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 54.434 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007454.D
Acq: 12 Dec 2018 22:47

Tgt Ion: 65 Resp: 35972
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.6

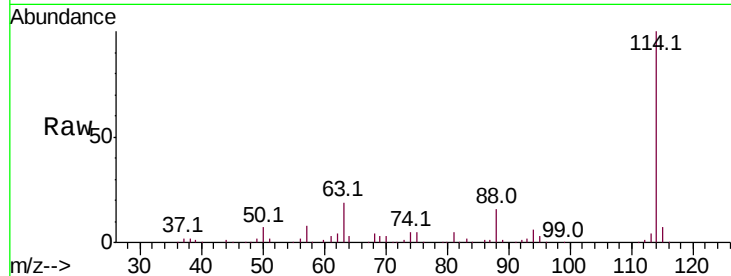




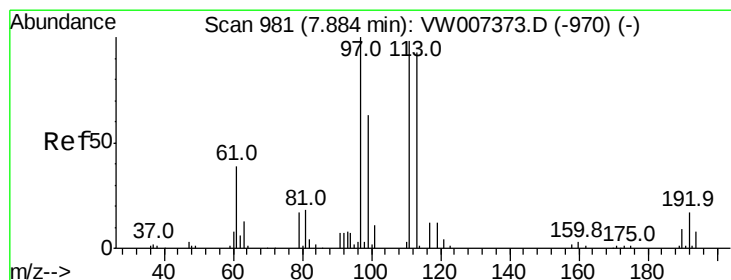
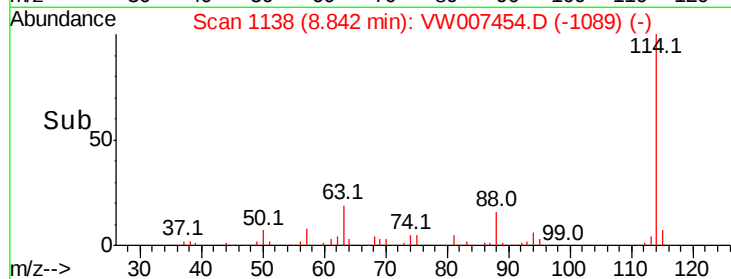
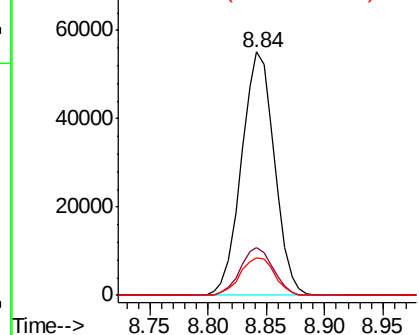
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007454.D
 Acq: 12 Dec 2018 22:47

Instrument :
 MSVOA_W
 ClientSampleId :
 BF-02-120418RE

Tot Ion:	114	Resp:	108795
Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.6
88	15.6	0.0	31.4

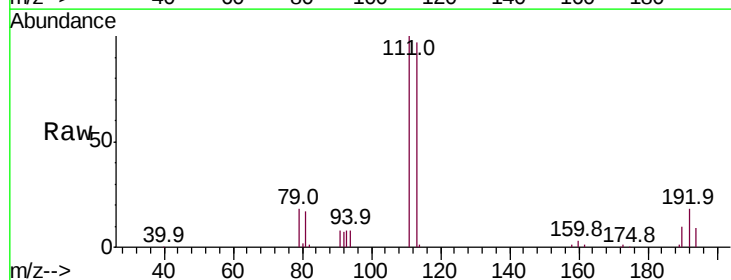


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

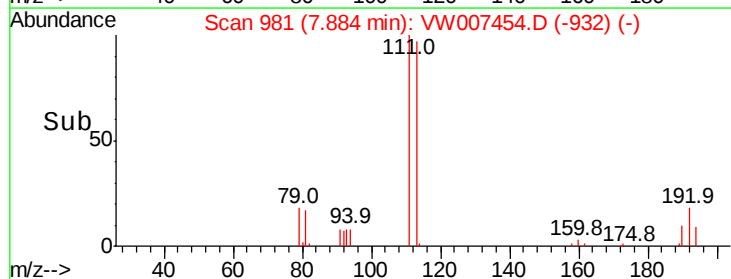
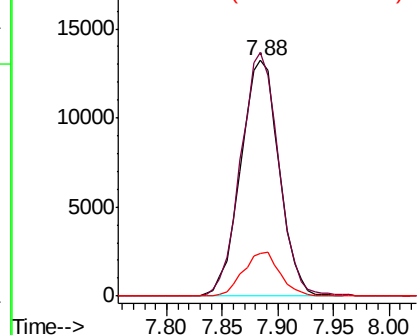


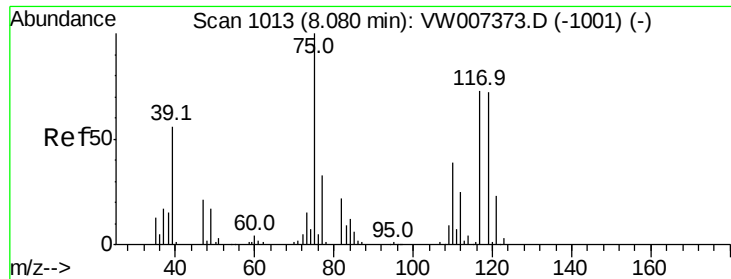
#35
 Dibromofluoromethane
 Concen: 48.155 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007454.D
 Acq: 12 Dec 2018 22:47

Tgt Ion:	113	Resp:	31714
Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.1	121.7
192	17.8	14.6	21.8



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

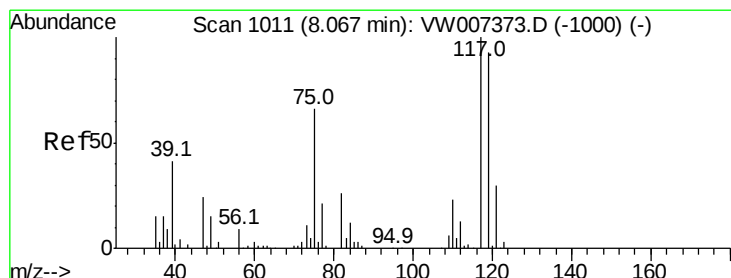
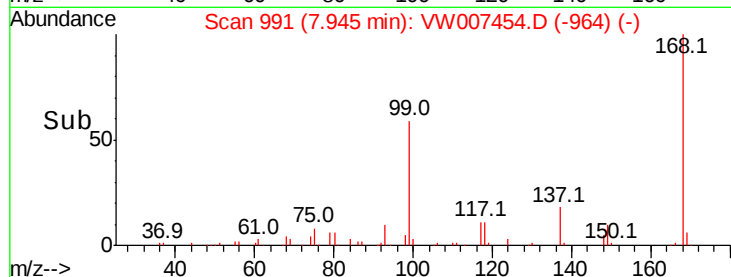
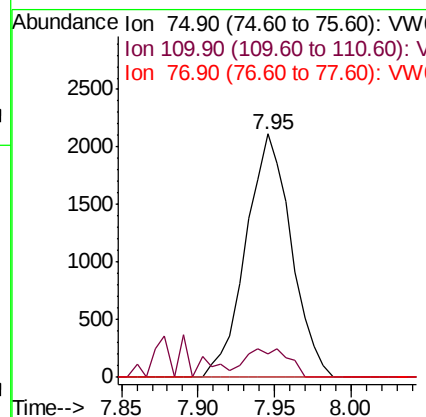
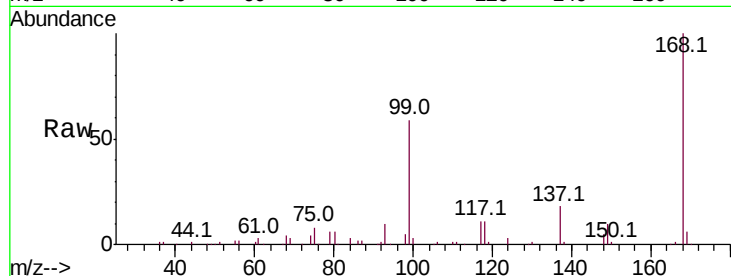




#36
 1,1-Dichloropropene
 Concen: 4.388 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007454.D
 Acq: 12 Dec 2018 22:47

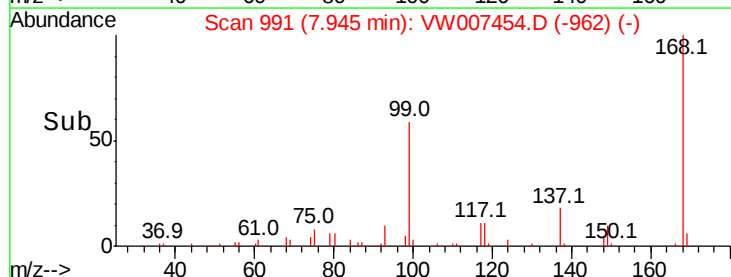
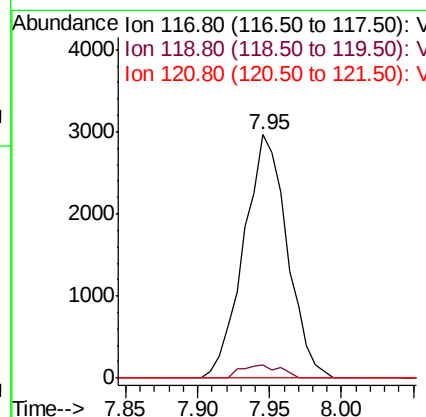
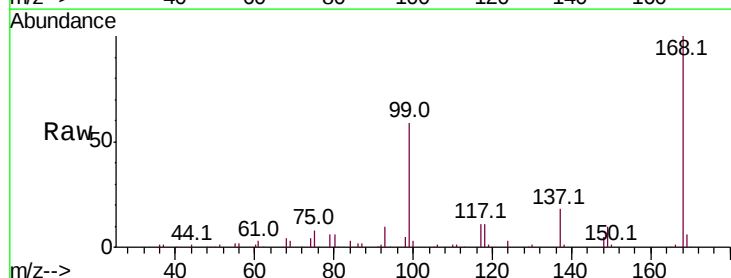
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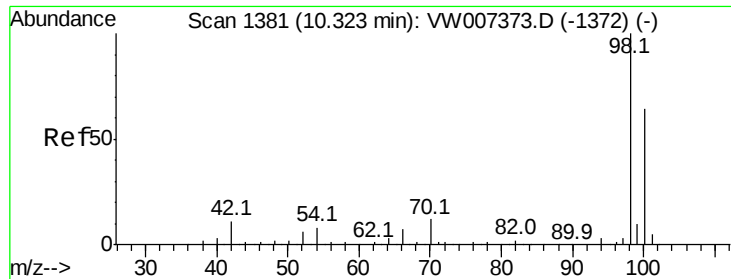
Tot Ion	Ratio	Lower	Upper
75	100		
110	11.1	18.5	55.5#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 5.742 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW007454.D
 Acq: 12 Dec 2018 22:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.4	74.3	111.5#
121	0.0	24.3	36.5#





#50

Toluene-d8

Concen: 41.558 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007454.D

Acq: 12 Dec 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

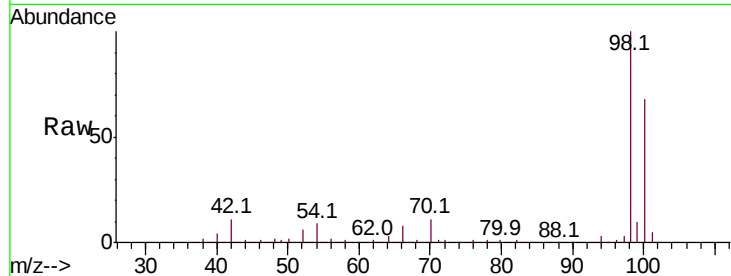
BF-02-120418RE

Tot Ion: 98 Resp: 102619

Ion Ratio Lower Upper

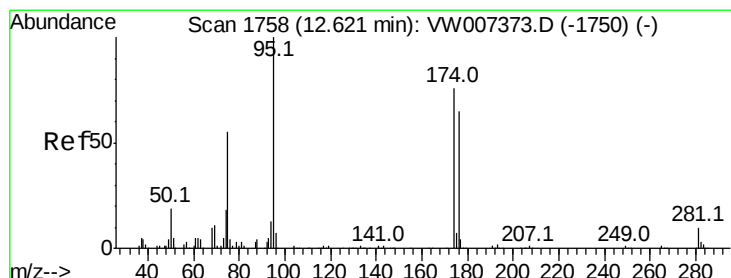
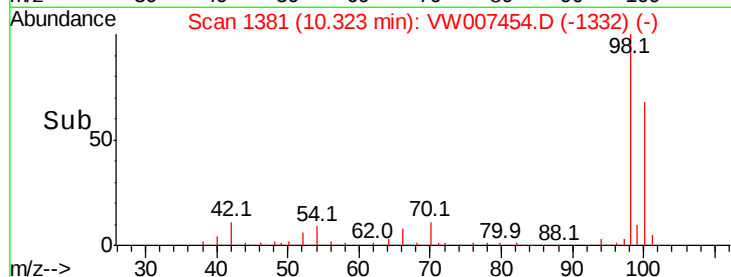
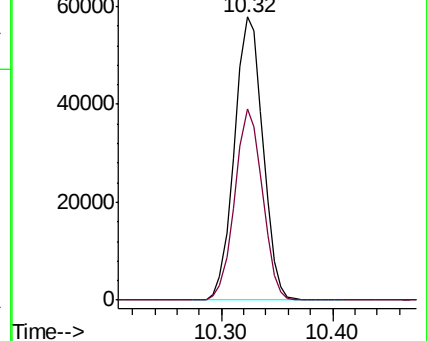
98 100

100 65.5 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 47.838 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007454.D

Acq: 12 Dec 2018 22:47

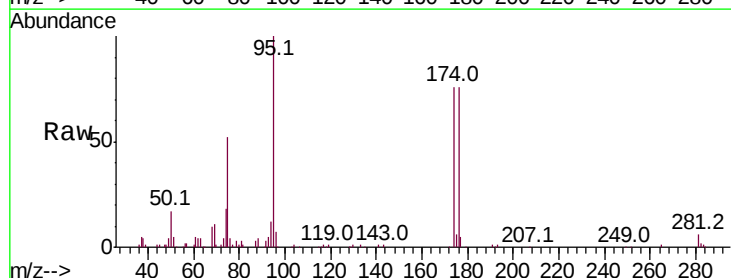
Tgt Ion: 95 Resp: 43432

Ion Ratio Lower Upper

95 100

174 76.3 0.0 147.2

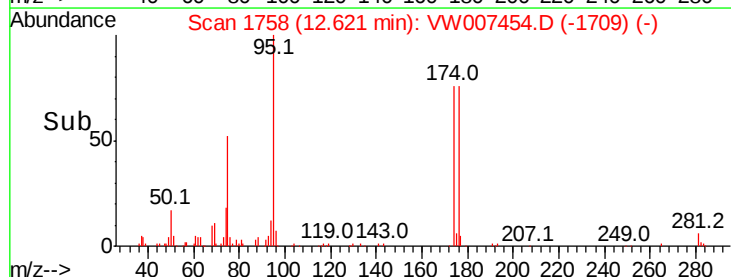
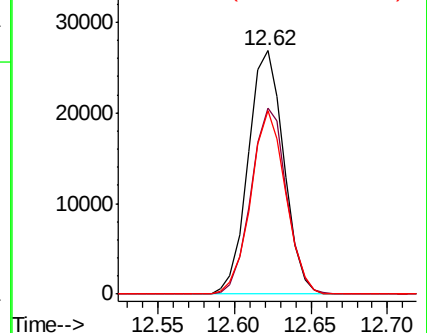
176 73.6 0.0 138.8

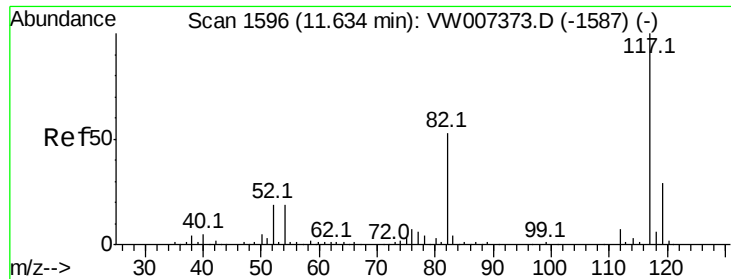


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

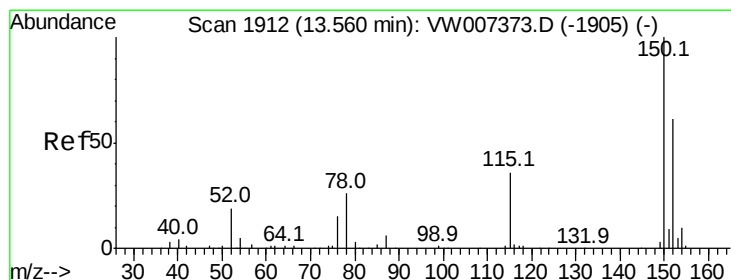
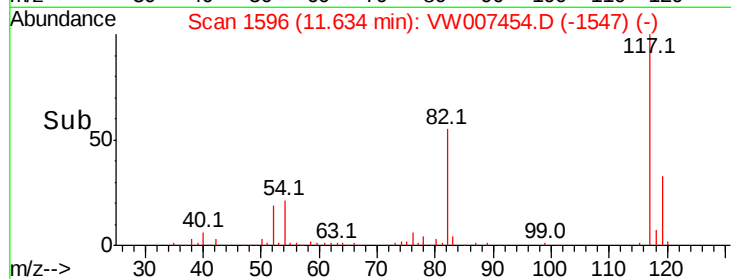
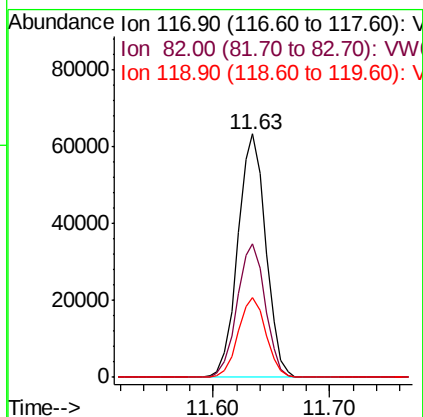
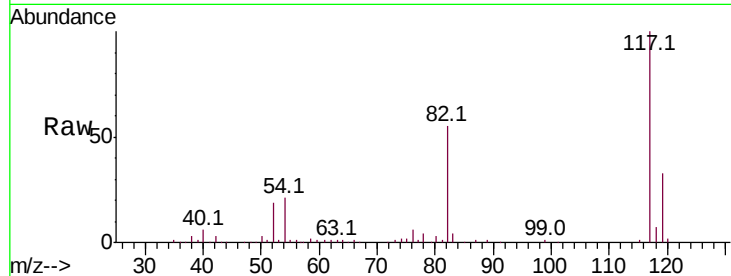




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007454.D
Acq: 12 Dec 2018 22:47

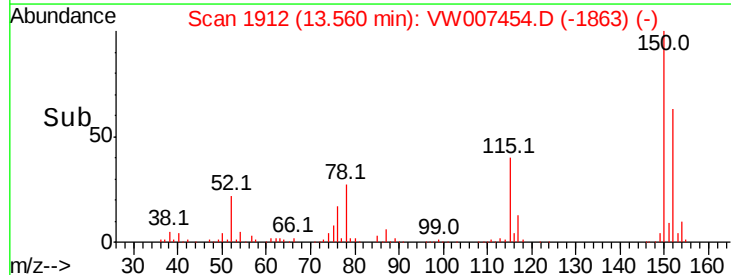
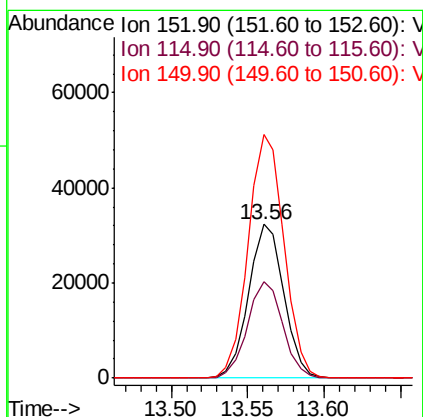
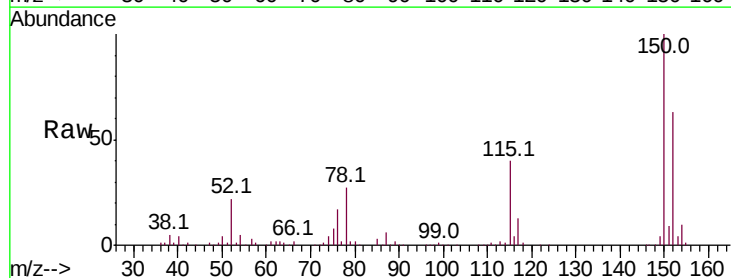
Instrument :
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BF-02-120418RE

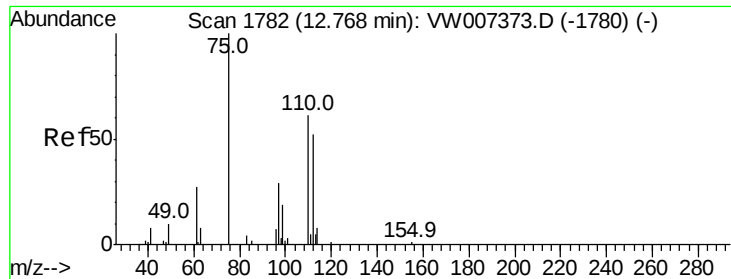
Tot Ion:117 Resp: 105871
Ion Ratio Lower Upper
117 100
82 54.6 42.3 63.5
119 32.8 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007454.D
Acq: 12 Dec 2018 22:47

Tgt Ion:152 Resp: 51628
Ion Ratio Lower Upper
152 100
115 63.0 31.4 94.2
150 161.5 0.0 358.4

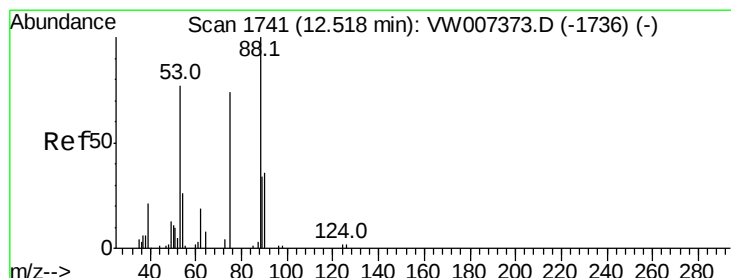
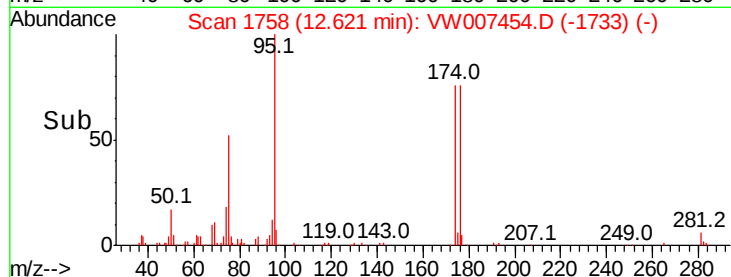
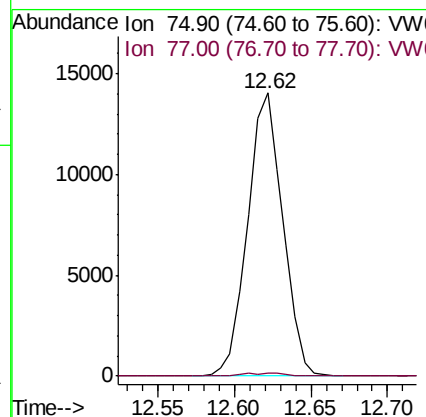
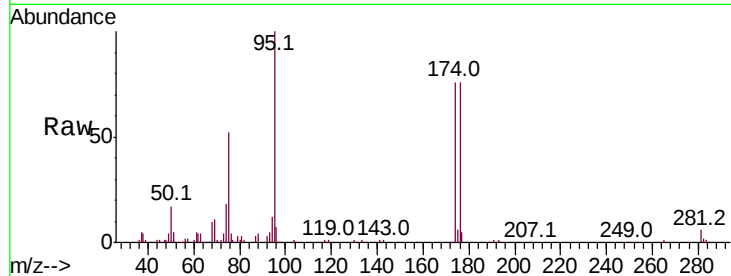




#76
 1,2,3-Trichloropropane
 Concen: 52.593 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW007454.D
 Acq: 12 Dec 2018 22:47

Instrument :
 MSVOA_W
 ClientSampleId :
 BF-02-120418RE

Tot Ion: 75 Resp: 22388
 Ion Ratio Lower Upper
 75 100
 77 1.2 166.9 500.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.177 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW007454.D
 Acq: 12 Dec 2018 22:47

Tgt Ion: 75 Resp: 22388
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.9 127.3#
 89 0.0 40.3 60.5#

