

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052219\
 Data File : VW010518.D
 Acq On : 22 May 2019 18:45
 Operator : SY/VA
 Sample : K2994-02
 Misc : 5.33G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-S2

Quant Time: May 23 06:59:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	60329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	108166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	94030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	39105	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	34421	55.28	ug/l	0.00
Spiked Amount			Recovery	=	110.56%	
35) Dibromofluoromethane	7.88	113	32490	49.50	ug/l	0.00
Spiked Amount			Recovery	=	99.00%	
50) Toluene-d8	10.32	98	132552	52.87	ug/l	0.00
Spiked Amount			Recovery	=	105.74%	
62) 4-Bromofluorobenzene	12.62	95	47124	47.18	ug/l	0.00
Spiked Amount			Recovery	=	94.36%	

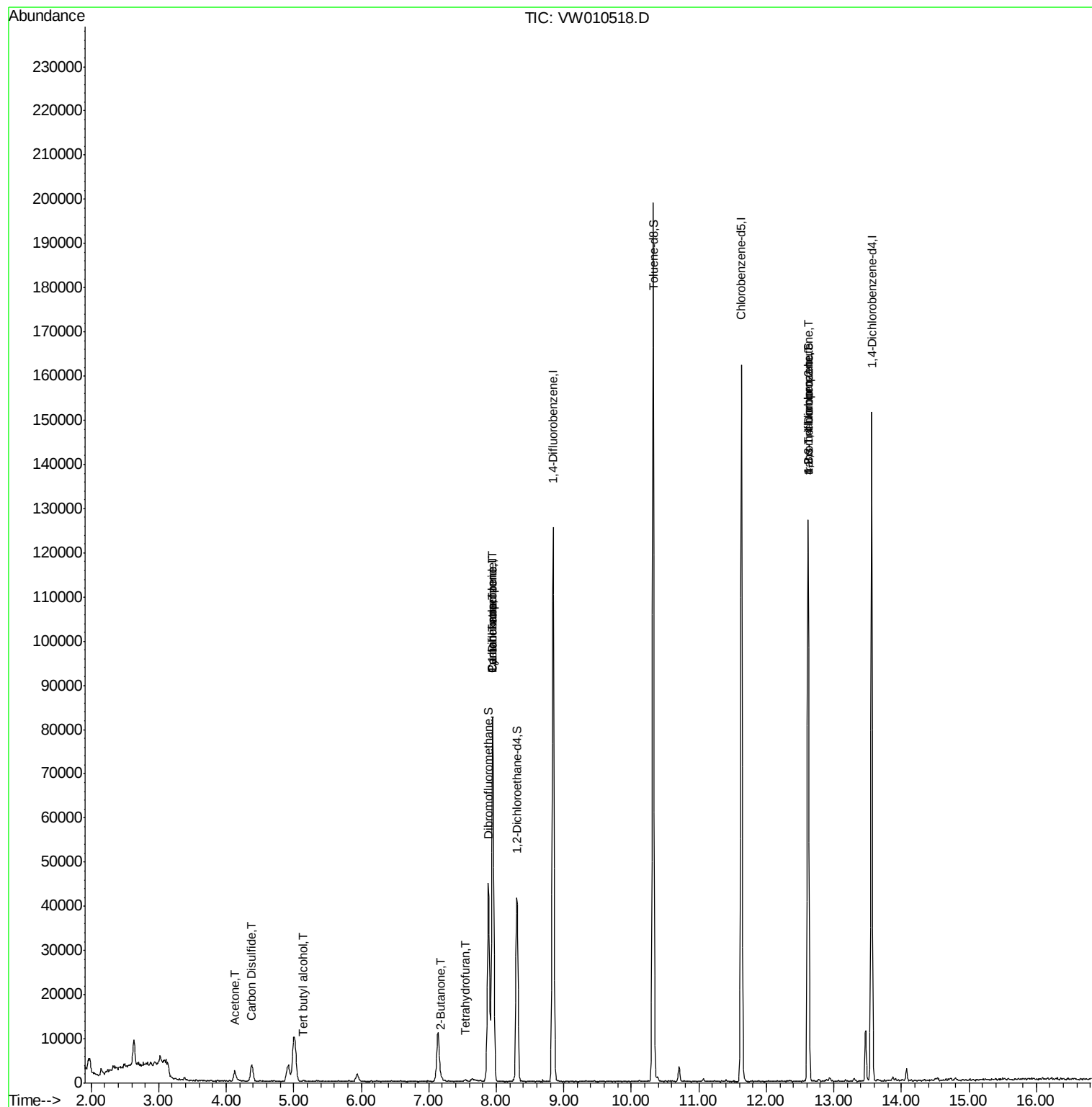
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.14	59	206	3.678	ug/l #	71
16) Acetone	4.13	43	4188	32.949	ug/l #	78
17) Carbon Disulfide	4.38	76	7871	4.141	ug/l #	94
20) Methylene Chloride	4.92	84	3169	Below Cal		90
25) 2-Butanone	7.18	43	593	3.260	ug/l	91
29) Tetrahydrofuran	7.54	42	355	2.884	ug/l #	30
31) Cyclohexane	7.95	56	1325	1.121	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	5023	4.985	ug/l #	48
38) Carbon Tetrachloride	7.95	117	6447	5.931	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	22202	55.933	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	22202	116.733	ug/l #	14

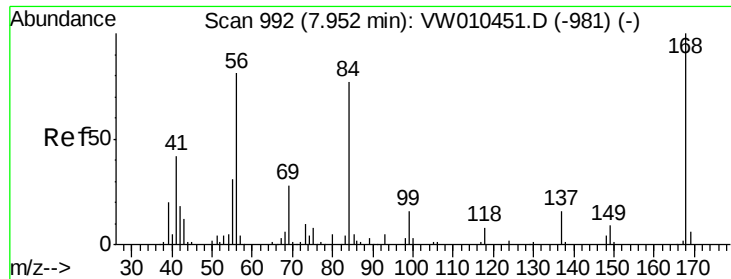
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052219\
Data File : VW010518.D
Acq On : 22 May 2019 18:45
Operator : SY/VA
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ClientSampleId :
TP-8-S2

Quant Time: May 23 06:59:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010518.D

Acq: 22 May 2019 18:45

Instrument :

MSVOA_W

ClientSampled :

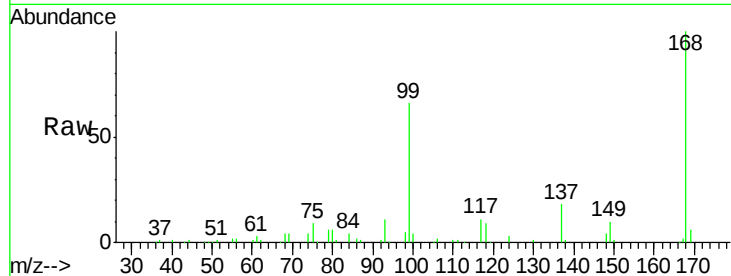
TP-8-S2

Tot Ion:168 Resp: 60329

Ion Ratio Lower Upper

168 100

99 65.8 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

25000

20000

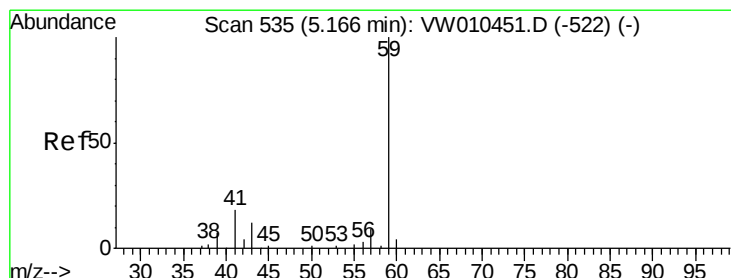
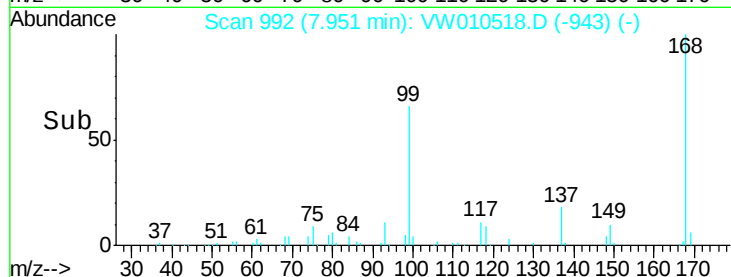
15000

10000

5000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.678 ug/l

RT: 5.14 min Scan# 531

Delta R.T. -0.02 min

Lab File: VW010518.D

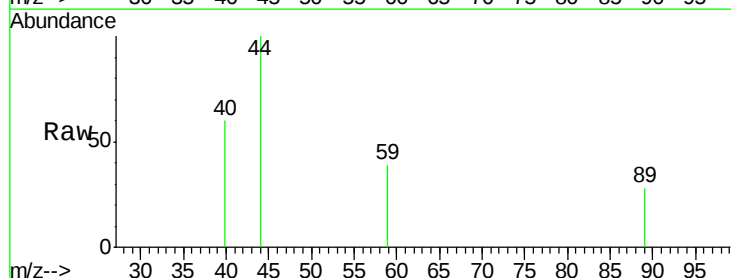
Acq: 22 May 2019 18:45

Tgt Ion: 59 Resp: 206

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.14

120

100

80

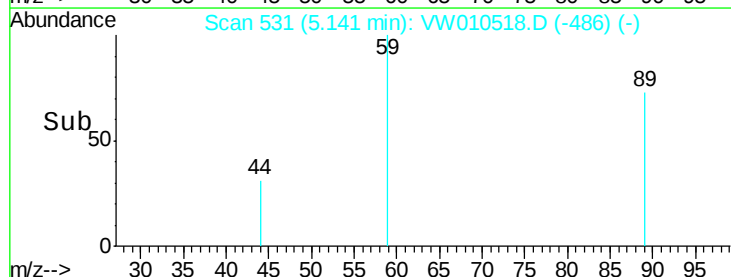
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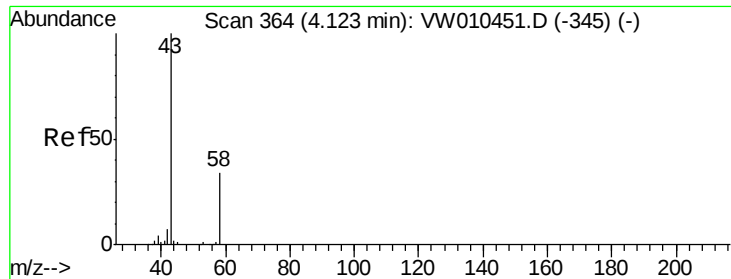
40

20

0

Time-->

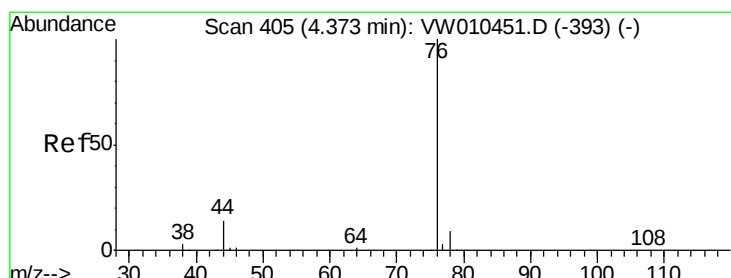
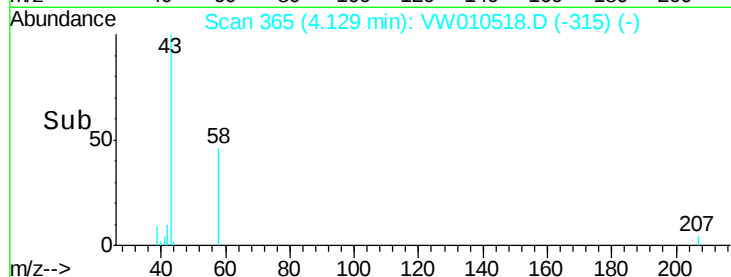
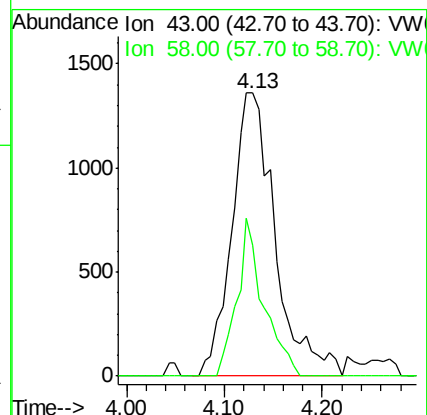
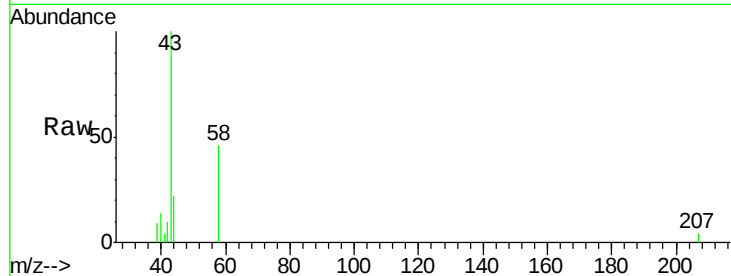




#16
Acetone
Concen: 32.949 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW010518.D
Acq: 22 May 2019 18:45

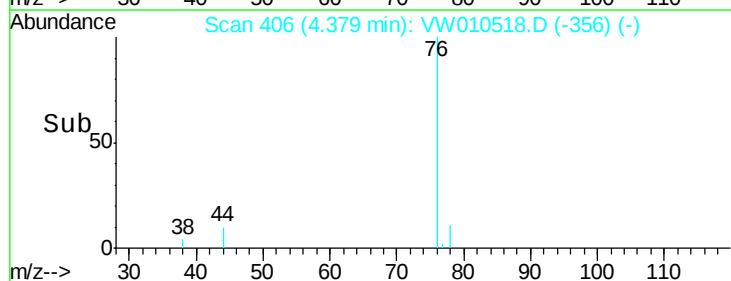
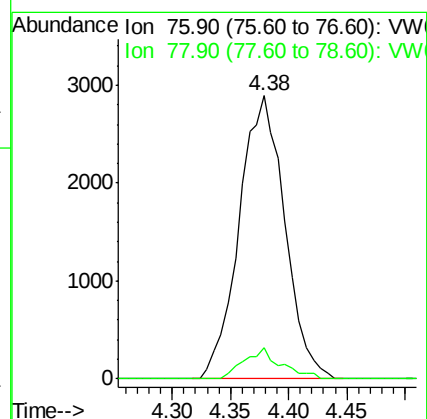
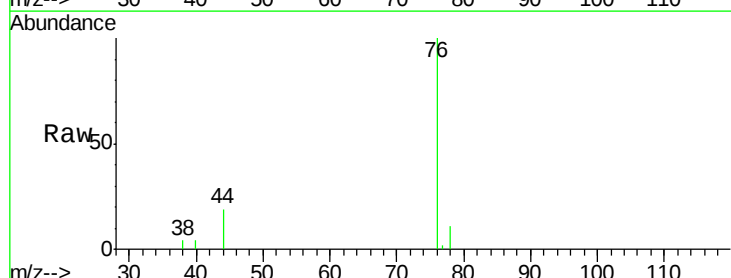
Instrument :
MSVOA_W
ClientSampleId :
TP-8-S2

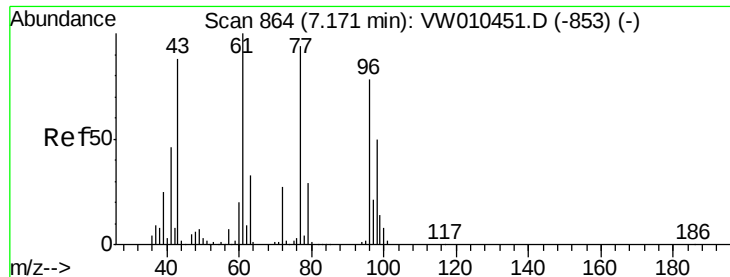
Tot Ion: 43 Resp: 4188
Ion Ratio Lower Upper
43 100
58 46.3 27.0 40.4#



#17
Carbon Disulfide
Concen: 4.141 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW010518.D
Acq: 22 May 2019 18:45

Tgt Ion: 76 Resp: 7871
Ion Ratio Lower Upper
76 100
78 10.9 7.1 10.7#





#25

2-Butanone

Concen: 3.260 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW010518.D

Acq: 22 May 2019 18:45

Instrument :

MSVOA_W

ClientSampled :

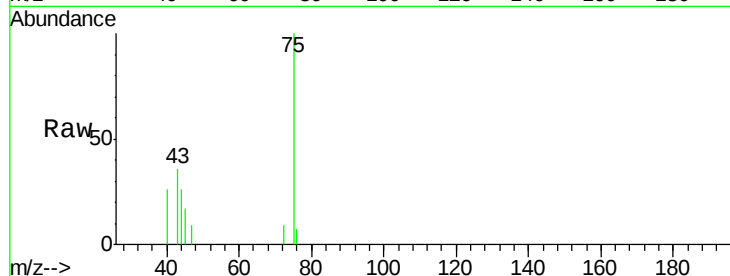
TP-8-S2

Tot Ion: 43 Resp: 593

Ion Ratio Lower Upper

43 100

72 25.4 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.18

300

250

200

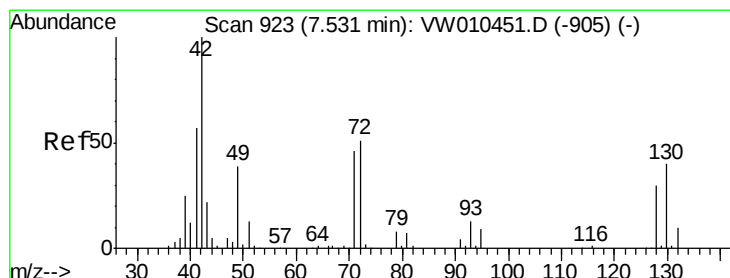
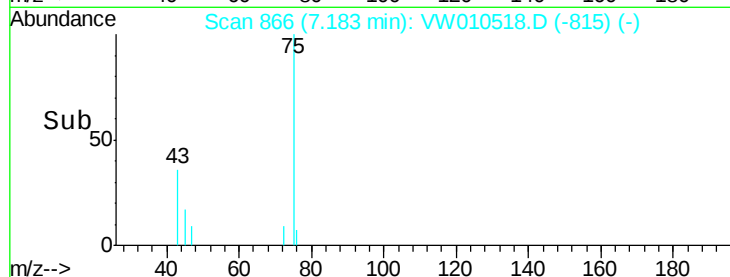
150

100

50

0

Time-->



#29

Tetrahydrofuran

Concen: 2.884 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW010518.D

Acq: 22 May 2019 18:45

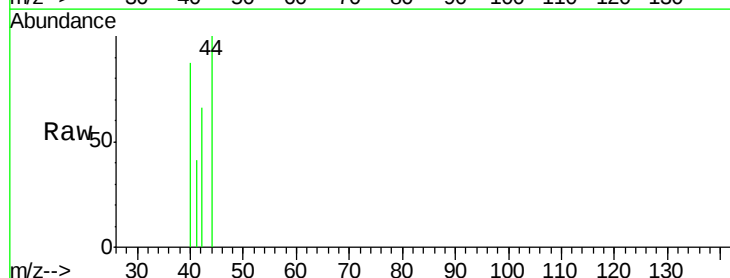
Tgt Ion: 42 Resp: 355

Ion Ratio Lower Upper

42 100

72 0.0 38.5 57.7#

71 0.0 36.5 54.7#



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

200

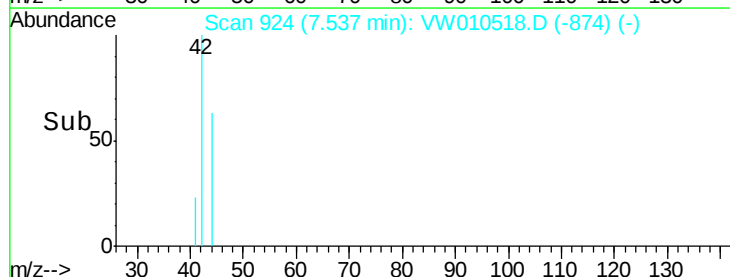
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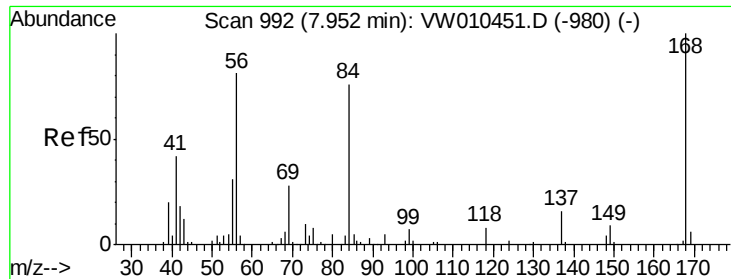
100

50

0

Time-->

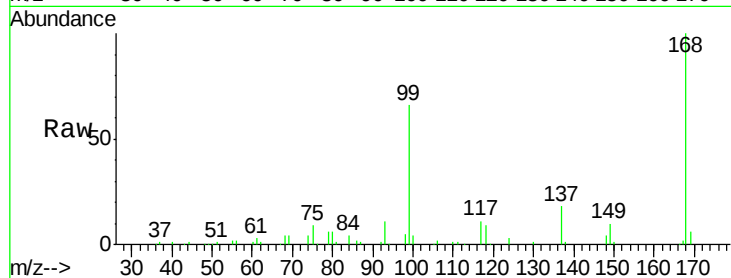




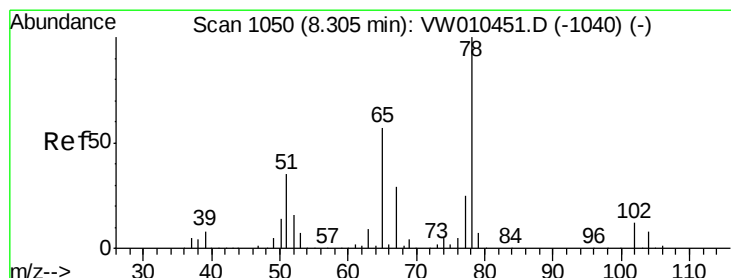
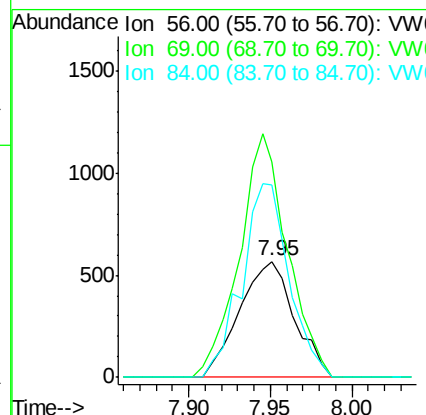
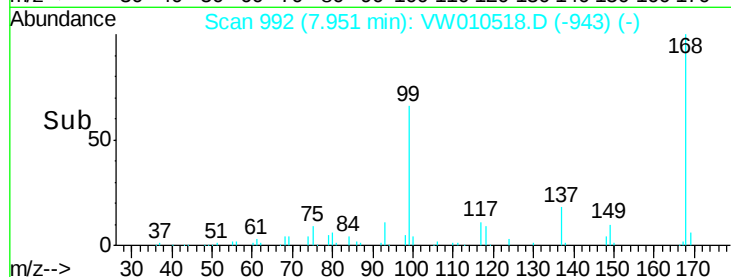
#31
Cyclohexane
Concen: 1.121 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW010518.D
Acq: 22 May 2019 18:45

Instrument :
MSVOA_W
ClientSampled :
TP-8-S2

Tot Ion: 56 Resp: 1325
Ion Ratio Lower Upper
56 100
69 185.9 28.2 42.2#
84 166.1 75.8 113.8#

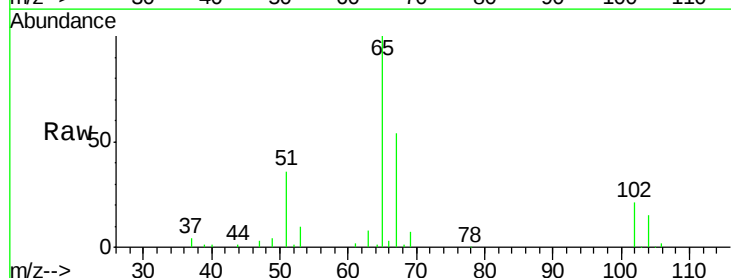


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

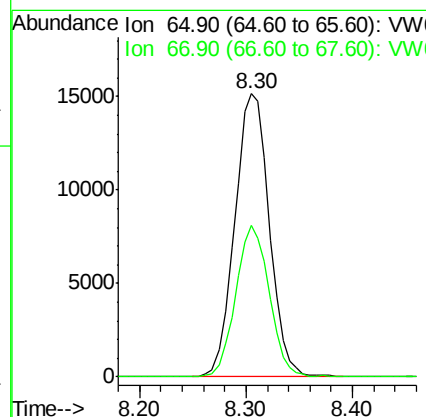
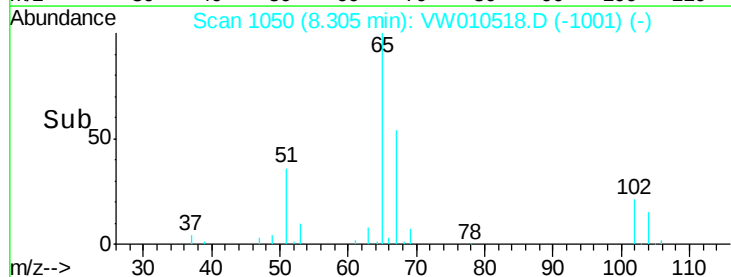


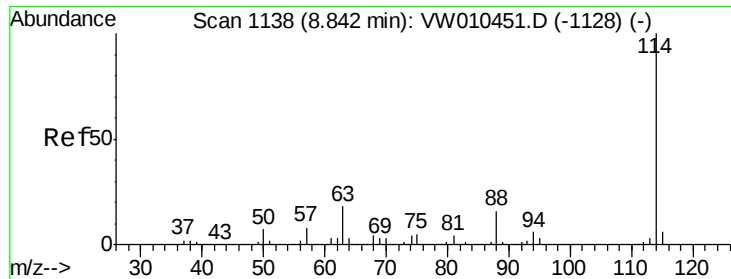
#33
1,2-Dichloroethane-d4
Concen: 55.277 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW010518.D
Acq: 22 May 2019 18:45

Tgt Ion: 65 Resp: 34421
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

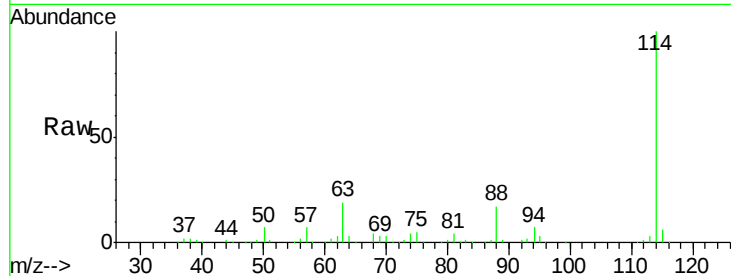




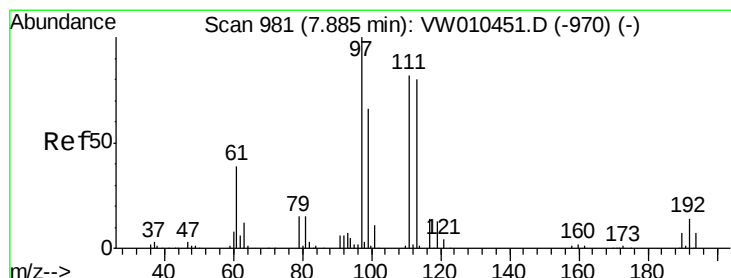
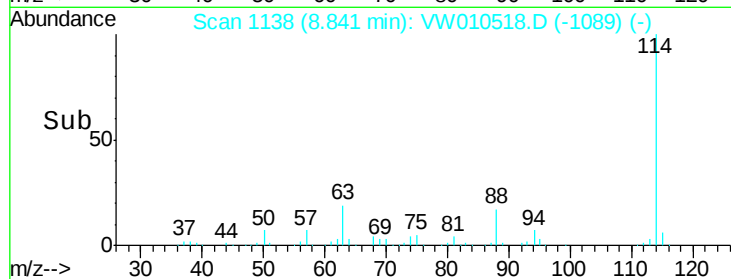
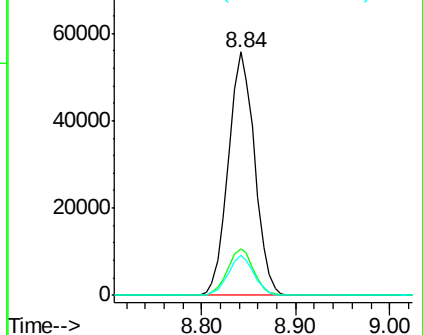
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010518.D
 Acq: 22 May 2019 18:45

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-S2

Tot Ion:114	Resp:	108166
Ion Ratio	Lower	Upper
114	100	
63	19.2	0.0 36.0
88	16.6	0.0 32.0

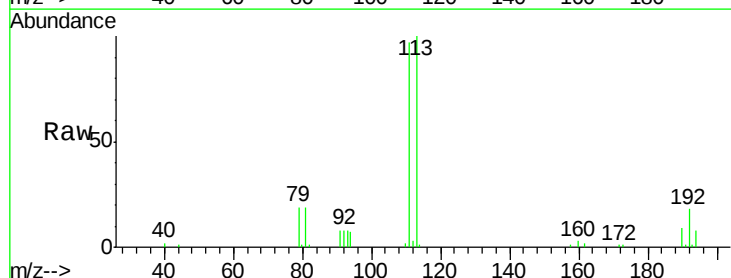


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

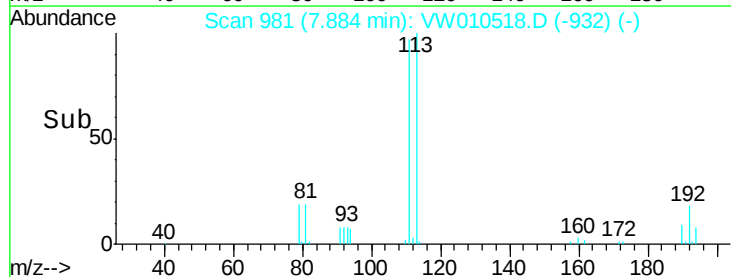
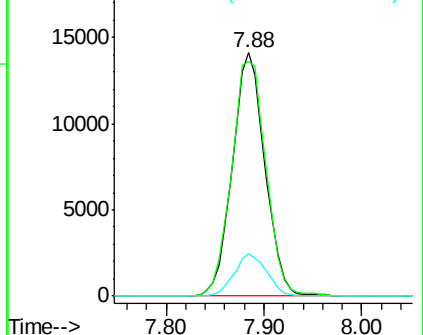


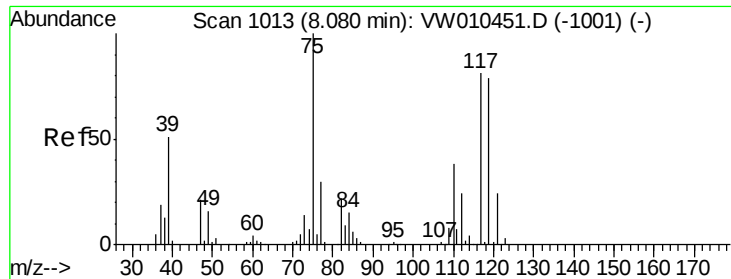
#35
 Dibromofluoromethane
 Concen: 49.503 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010518.D
 Acq: 22 May 2019 18:45

Tgt Ion:113	Resp:	32490
Ion Ratio	Lower	Upper
113	100	
111	102.6	82.2 123.4
192	17.2	14.3 21.5



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

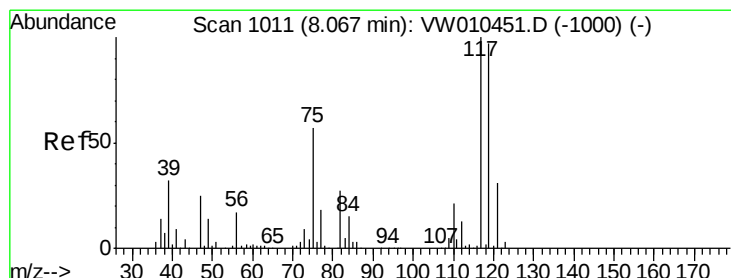
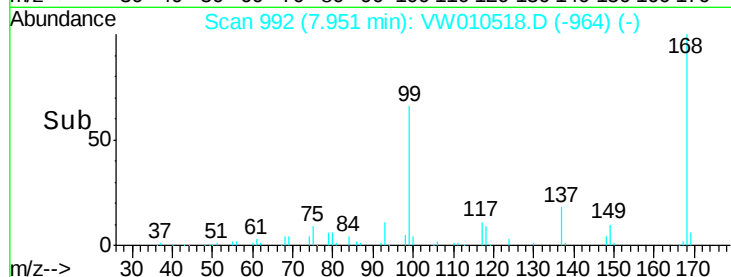
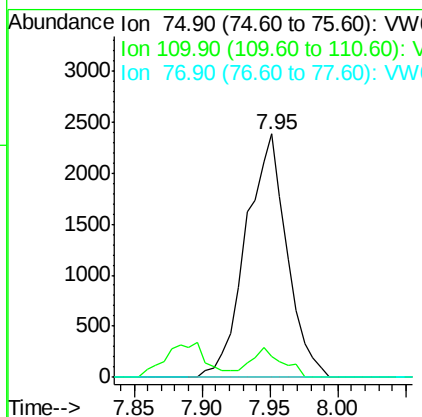
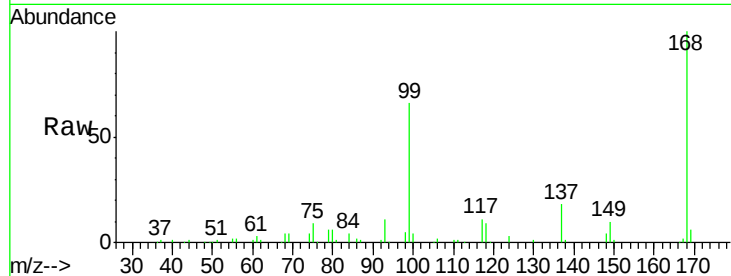




#36
 1,1-Dichloropropene
 Concen: 4.985 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW010518.D
 Acq: 22 May 2019 18:45

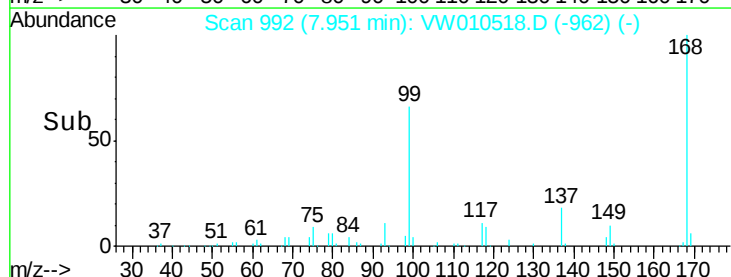
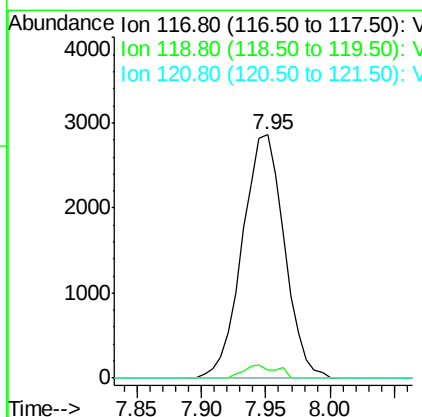
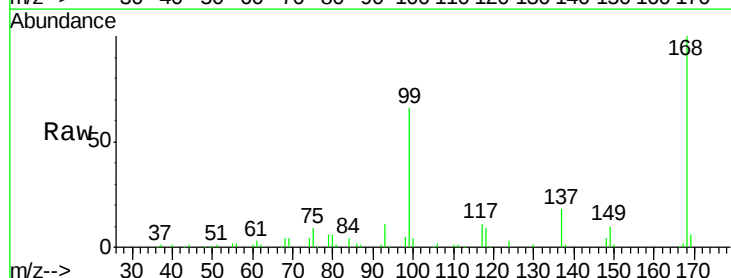
Instrument :
 MSVOA_W
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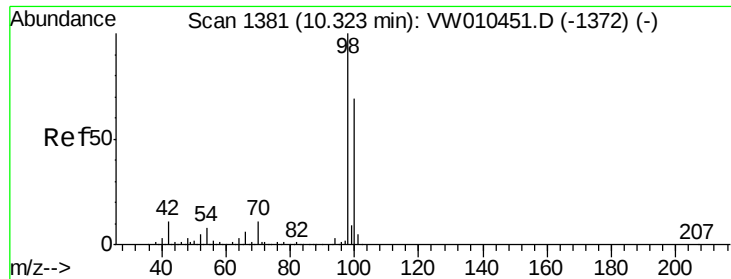
Tot Ion: 75 Resp: 5023
 Ion Ratio Lower Upper
 75 100
 110 9.4 19.2 57.6#
 77 0.0 25.2 37.8#



#38
 Carbon Tetrachloride
 Concen: 5.931 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW010518.D
 Acq: 22 May 2019 18:45

Tgt Ion: 117 Resp: 6447
 Ion Ratio Lower Upper
 117 100
 119 3.2 77.4 116.0#
 121 0.0 25.0 37.6#





#50

Toluene-d8

Concen: 52.866 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010518.D

Acq: 22 May 2019 18:45

Instrument :

MSVOA_W

ClientSampled :

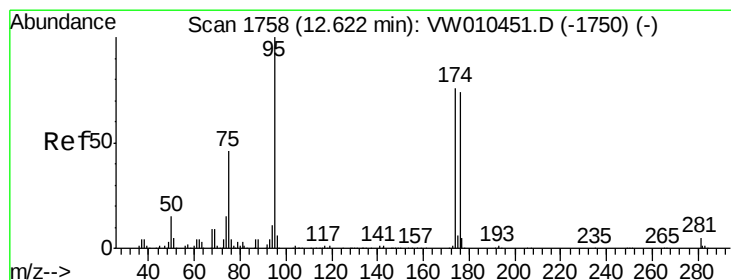
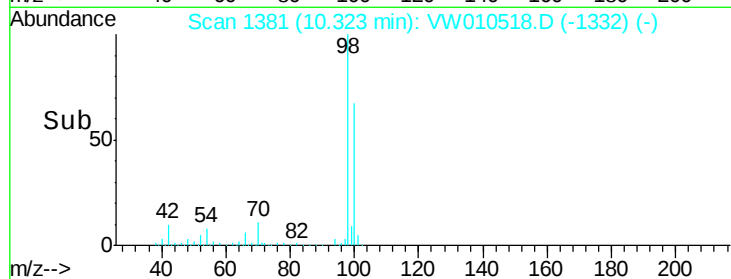
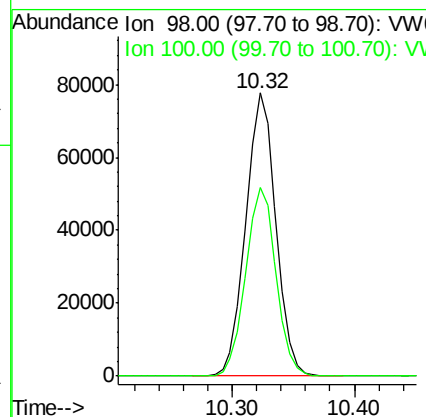
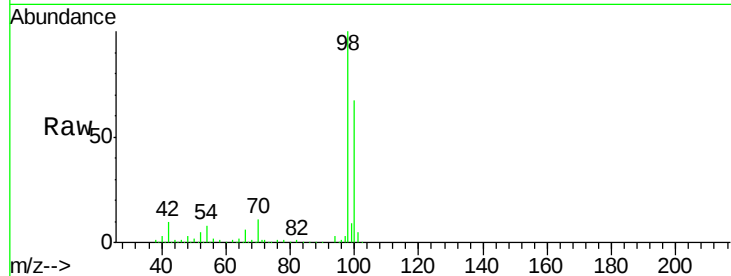
TP-8-S2

Tot Ion: 98 Resp: 132552

Ion Ratio Lower Upper

98 100

100 67.3 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 47.185 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010518.D

Acq: 22 May 2019 18:45

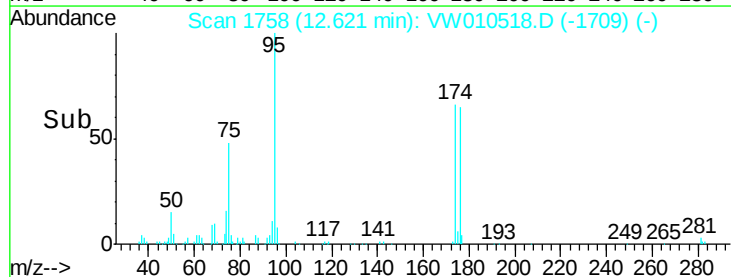
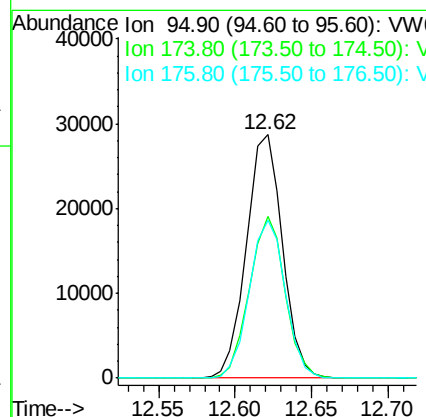
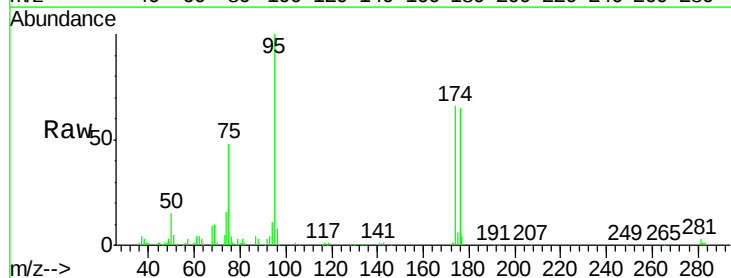
Tgt Ion: 95 Resp: 47124

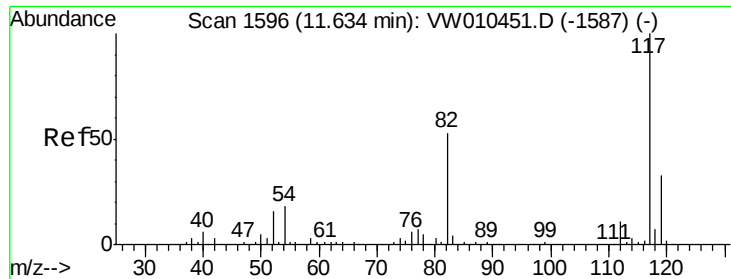
Ion Ratio Lower Upper

95 100

174 65.4 0.0 148.6

176 64.7 0.0 144.2

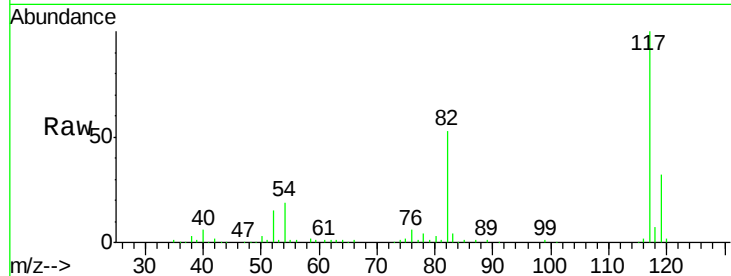




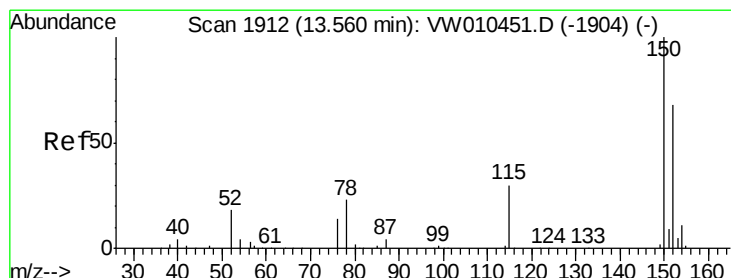
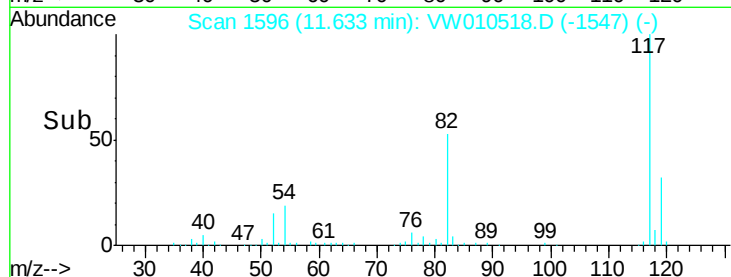
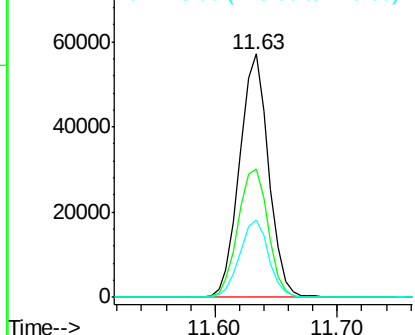
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010518.D
Acq: 22 May 2019 18:45

Instrument :
MSVOA_W
ClientSampleId :
TP-8-S2

Tot Ion:117 Resp: 94030
Ion Ratio Lower Upper
117 100
82 52.8 42.8 64.2
119 31.9 26.3 39.5

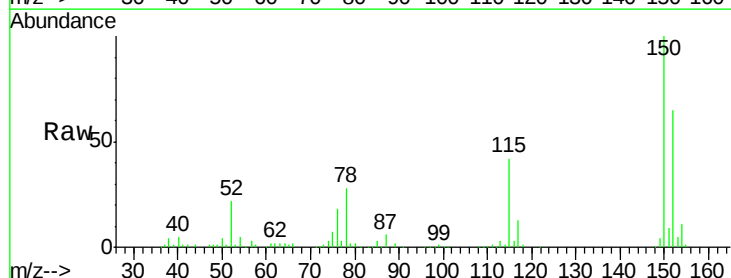


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

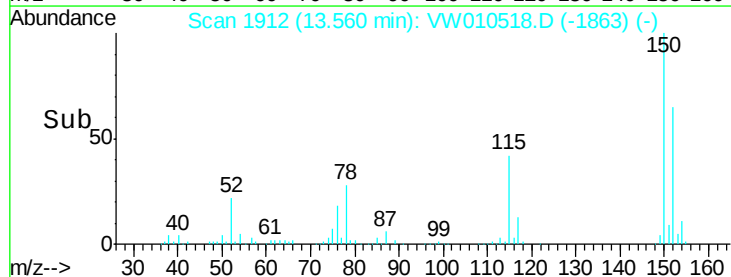
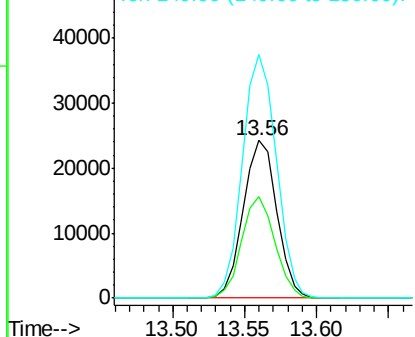


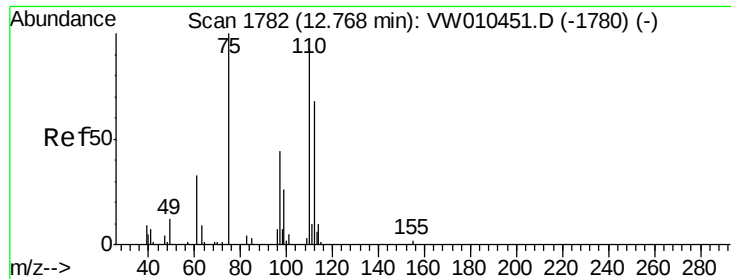
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010518.D
Acq: 22 May 2019 18:45

Tgt Ion:152 Resp: 39105
Ion Ratio Lower Upper
152 100
115 63.7 30.3 91.0
150 156.6 0.0 349.8



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





#76

1,2,3-Trichloropropane

Concen: 55.933 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010518.D

Acq: 22 May 2019 18:45

Instrument :

MSVOA_W

ClientSampleId :

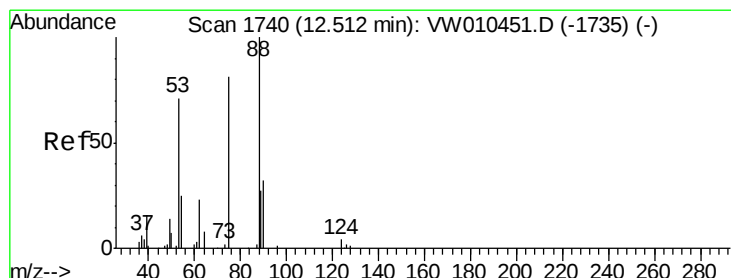
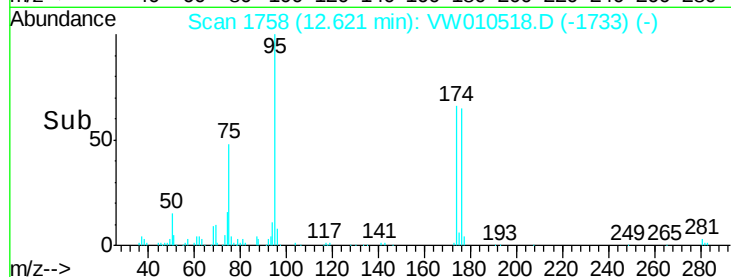
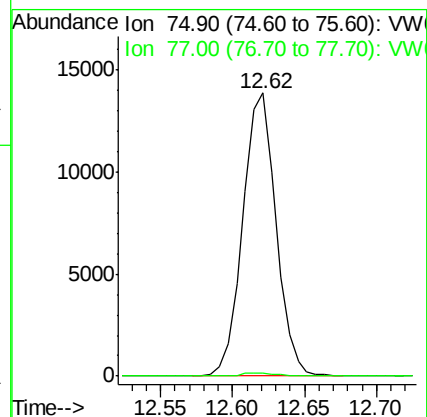
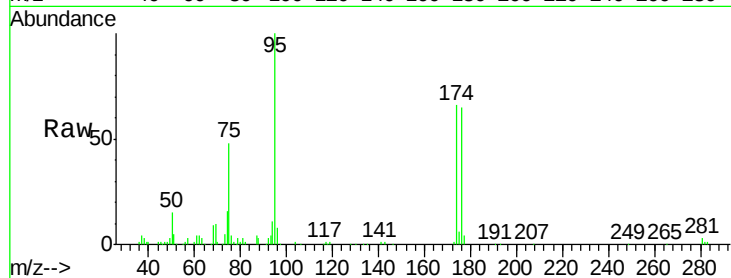
TP-8-S2

Tot Ion: 75 Resp: 22202

Ion Ratio Lower Upper

75 100

77 0.9 170.0 510.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 116.733 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010518.D

Acq: 22 May 2019 18:45

Tgt Ion: 75 Resp: 22202

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 0.0 39.5 59.3#

