

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW051019\
 Data File : VW010359.D
 Acq On : 10 May 2019 16:37
 Operator : SY/VA
 Sample : K2717-17
 Misc : 4.57G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS003-1218-01

Quant Time: May 10 23:19:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

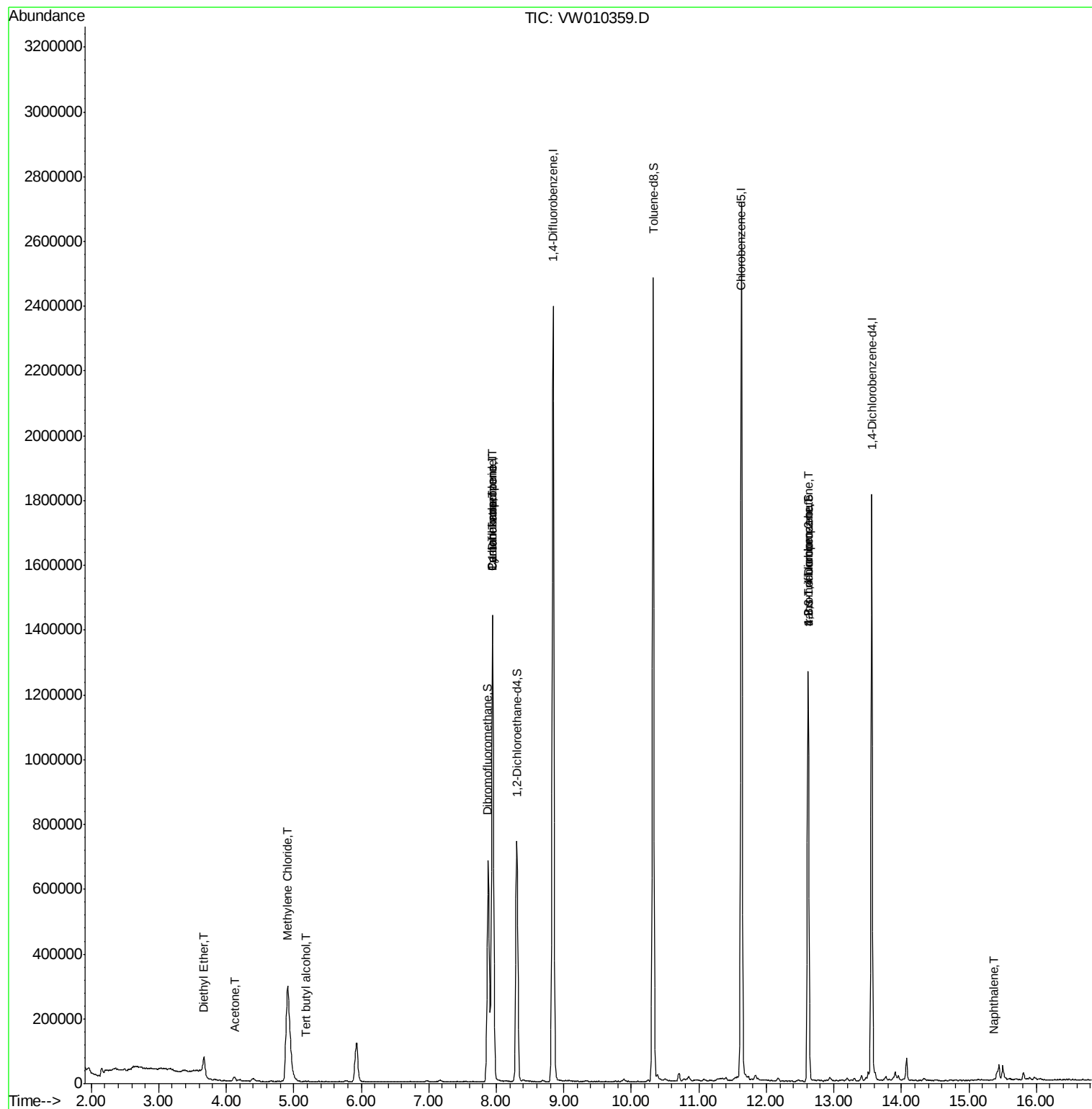
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	1034077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1897500	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1467174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	449204	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	581006	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
35) Dibromofluoromethane	7.88	113	492422	44.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.70%	
50) Toluene-d8	10.32	98	1571795	34.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.52%	
62) 4-Bromofluorobenzene	12.62	95	395267	24.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	49.66%	
Target Compounds						
8) Diethyl Ether	3.67	74	31221	5.393	ug/l	98
11) Tert butyl alcohol	5.18	59	1476	1.901	ug/l	94
16) Acetone	4.12	43	24612	8.588	ug/l	95
20) Methylene Chloride	4.92	84	289601	24.227	ug/l	90
31) Cyclohexane	7.95	56	24626	1.094	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	88582	4.306	ug/l #	50
38) Carbon Tetrachloride	7.95	117	104620	5.932	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	200783	38.337	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	200783	86.576	ug/l #	6
95) Naphthalene	15.37	128	3133	3.737	ug/l #	95

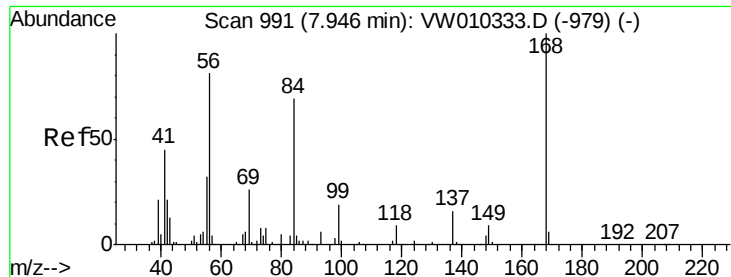
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW051019\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010359.D

Acq: 10 May 2019 16:37

Instrument :

MSVOA_W

ClientSampleId :

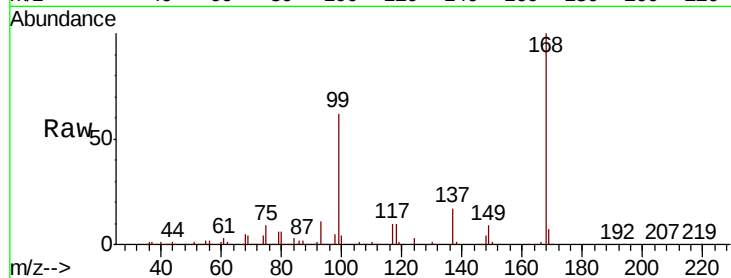
P026-SS003-1218-01

Tgt Ion:168 Resp: 1034077

Ion Ratio Lower Upper

168 100

99 62.2 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

500000

400000

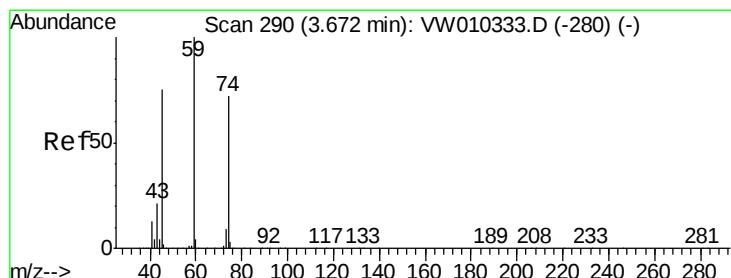
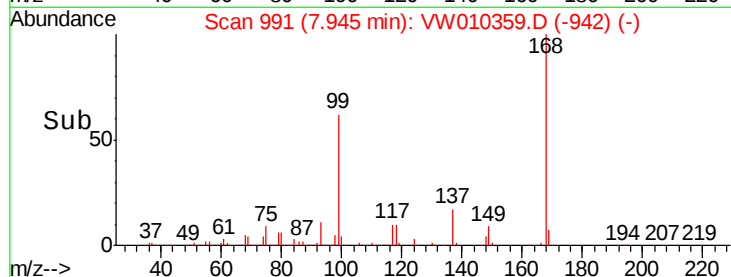
300000

200000

100000

0

Time--> 7.80 7.90 8.00



#8

Diethyl Ether

Concen: 5.393 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VW010359.D

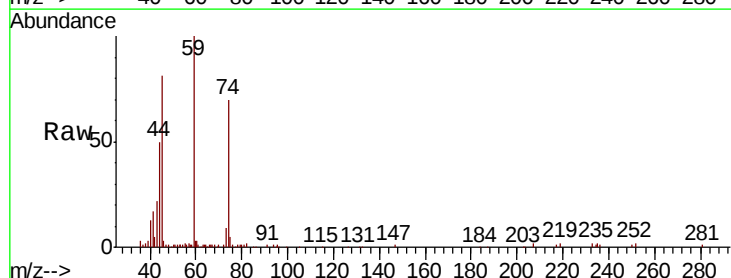
Acq: 10 May 2019 16:37

Tgt Ion: 74 Resp: 31221

Ion Ratio Lower Upper

74 100

45 109.6 56.0 168.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

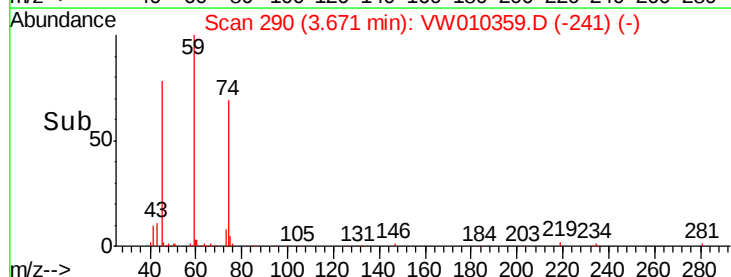
15000

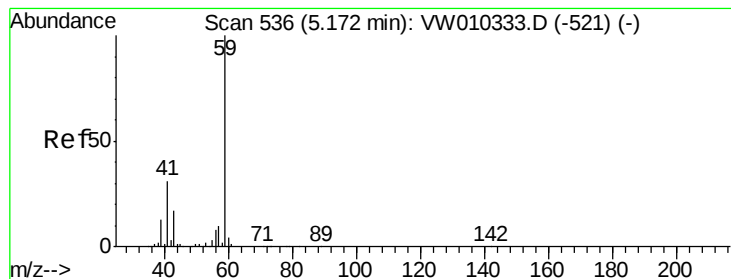
10000

5000

0

Time--> 3.55 3.60 3.65 3.70 3.75



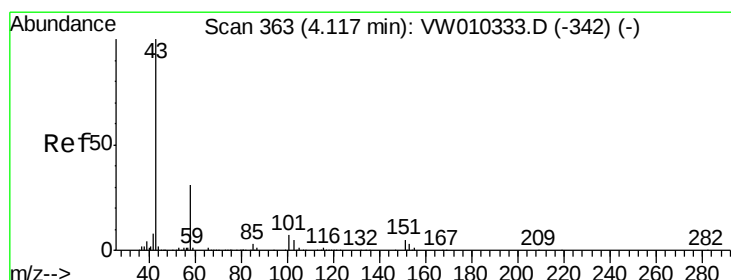
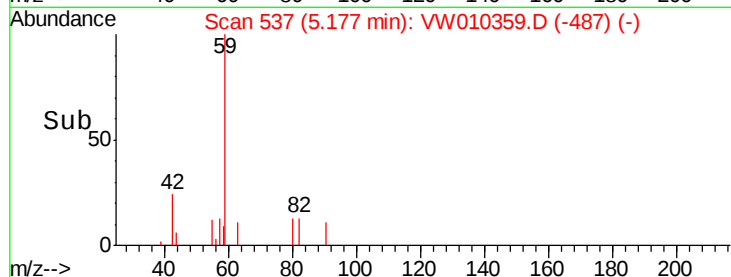
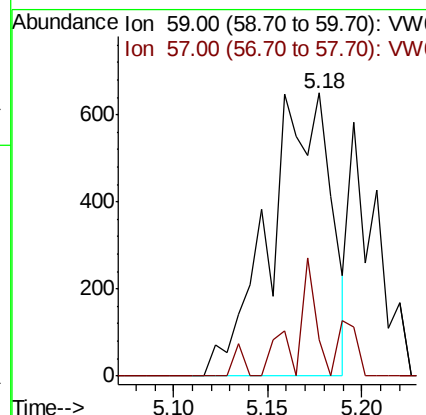
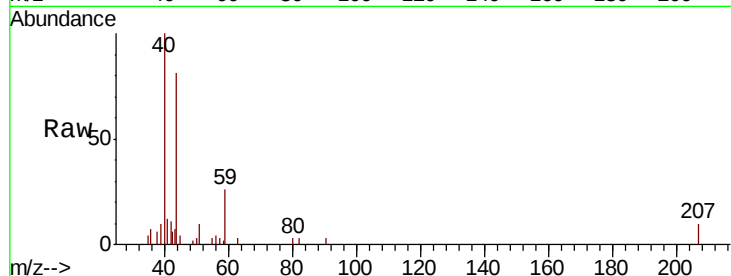


#11

Tert butyl alcohol
 Concen: 1.901 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW010359.D
 Acq: 10 May 2019 16:37

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS003-1218-01

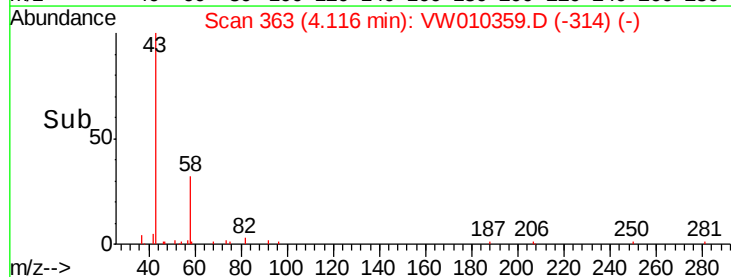
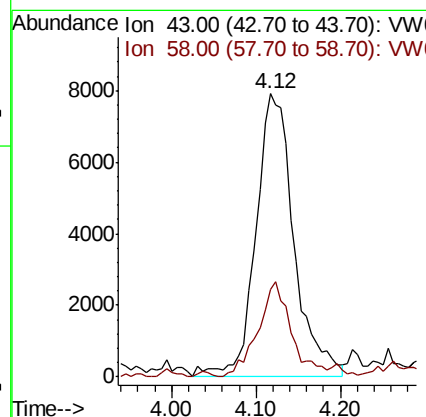
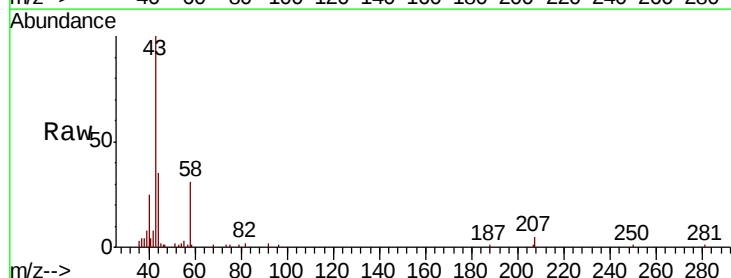
Tgt Ion: 59 Resp: 1476
 Ion Ratio Lower Upper
 59 100
 57 13.4 9.0 13.4

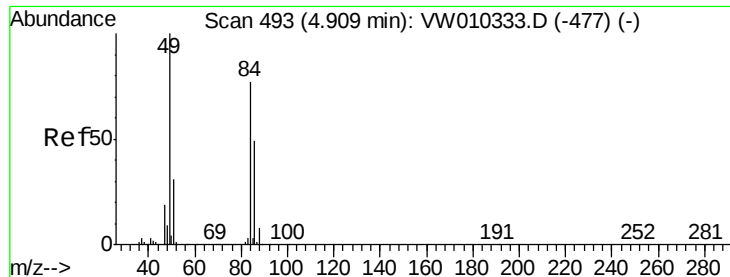


#16

Acetone
 Concen: 8.588 ug/l
 RT: 4.12 min Scan# 363
 Delta R.T. -0.00 min
 Lab File: VW010359.D
 Acq: 10 May 2019 16:37

Tgt Ion: 43 Resp: 24612
 Ion Ratio Lower Upper
 43 100
 58 30.9 22.7 34.1

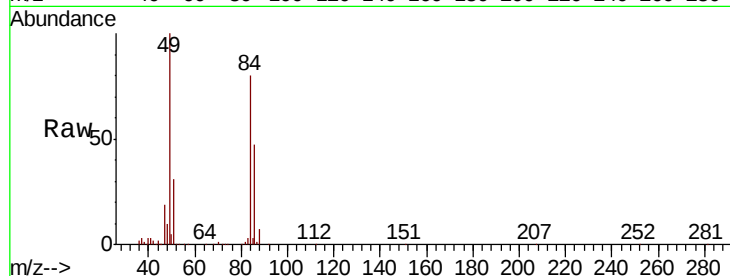




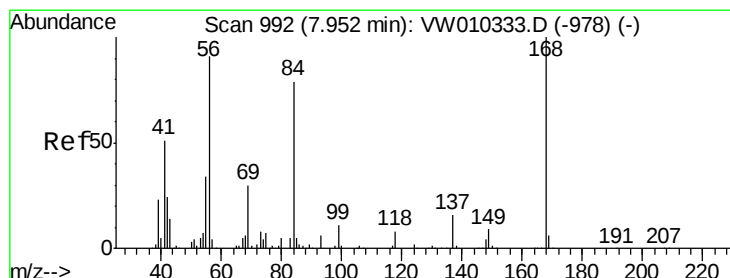
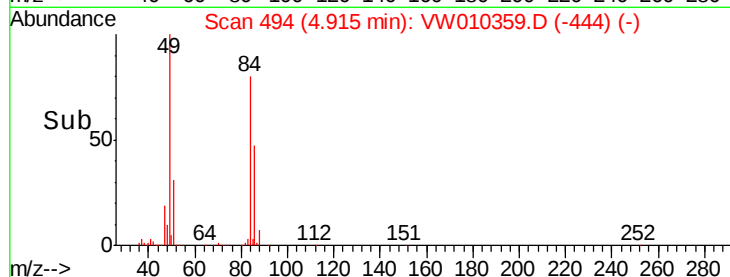
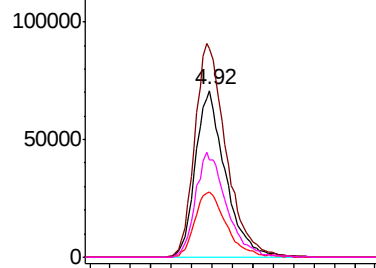
#20
Methylene Chloride
Concen: 24.227 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW010359.D
Acq: 10 May 2019 16:37

Instrument :
MSVOA_W
ClientSampleId :
P026-SS003-1218-01

Tgt Ion:	84	Resp:	289601
Ion	Ratio	Lower	Upper
84	100		
49	125.0	112.3	168.5
51	38.9	33.9	50.9
86	58.2	50.2	75.4

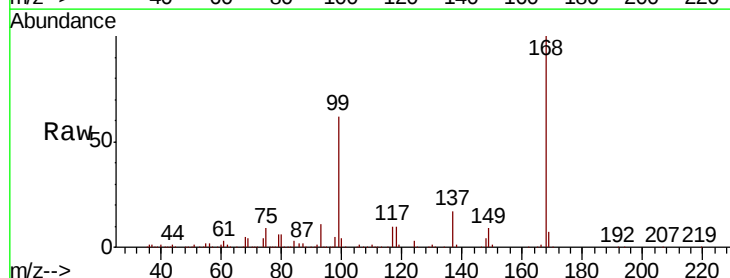


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

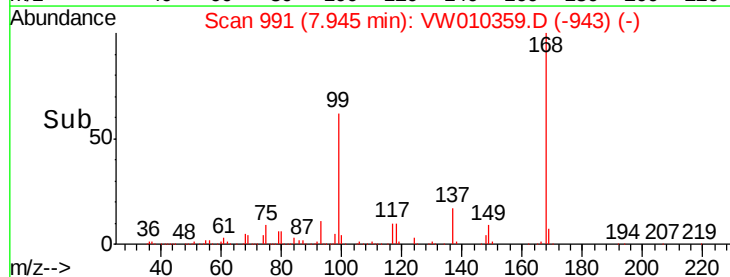
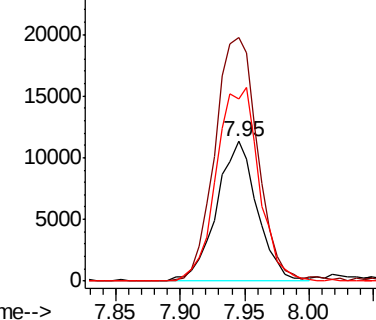


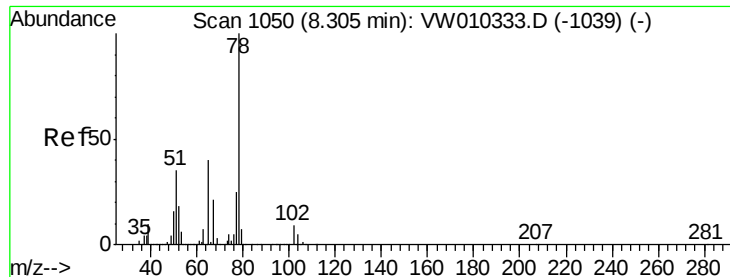
#31
Cyclohexane
Concen: 1.094 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW010359.D
Acq: 10 May 2019 16:37

Tgt Ion:	56	Resp:	24626
Ion	Ratio	Lower	Upper
56	100		
69	174.7	26.6	40.0#
84	131.0	66.2	99.2#



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: 52.849 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010359.D

Acq: 10 May 2019 16:37

Instrument :

MSVOA_W

ClientSampleId :

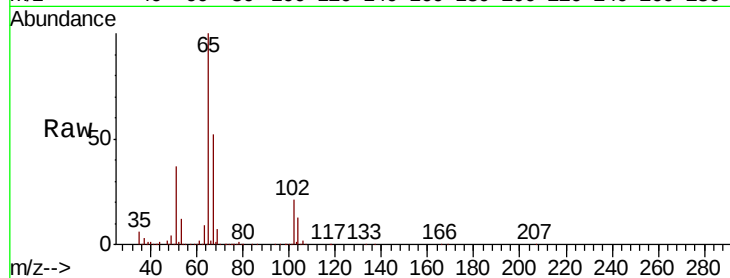
P026-SS003-1218-01

Tgt Ion: 65 Resp: 581006

Ion Ratio Lower Upper

65 100

67 51.6 0.0 100.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

250000

200000

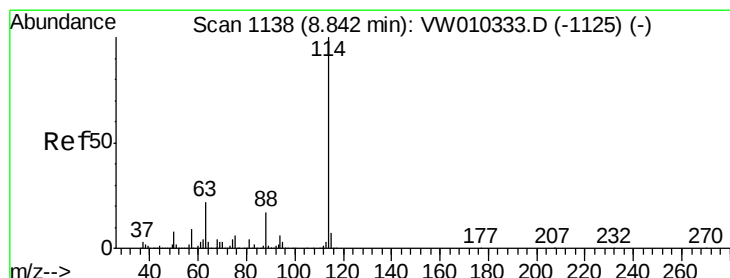
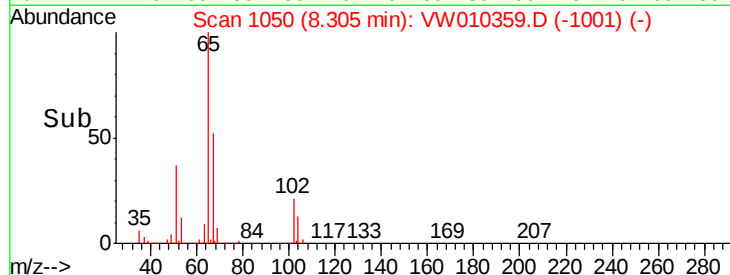
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010359.D

Acq: 10 May 2019 16:37

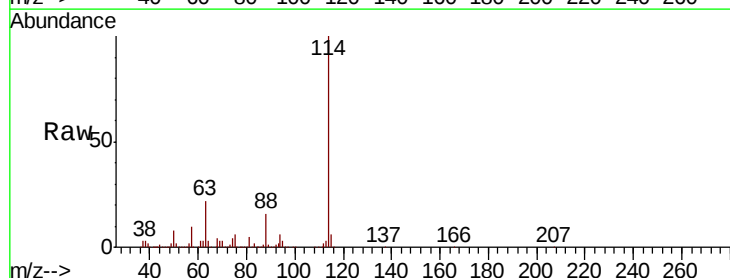
Tgt Ion: 114 Resp: 1897500

Ion Ratio Lower Upper

114 100

63 22.3 0.0 46.2

88 16.3 0.0 32.6



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

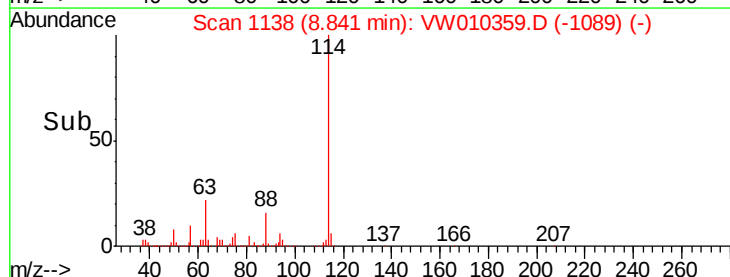
8.84

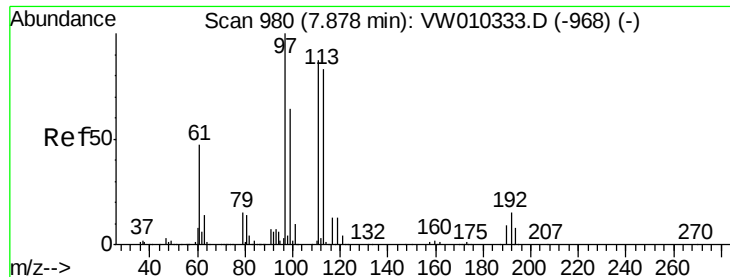
1000000

500000

0

Time-->





#35

Dibromofluoromethane

Concen: 44.347 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW010359.D

Acq: 10 May 2019 16:37

Instrument :

MSVOA_W

ClientSampleId :

P026-SS003-1218-01

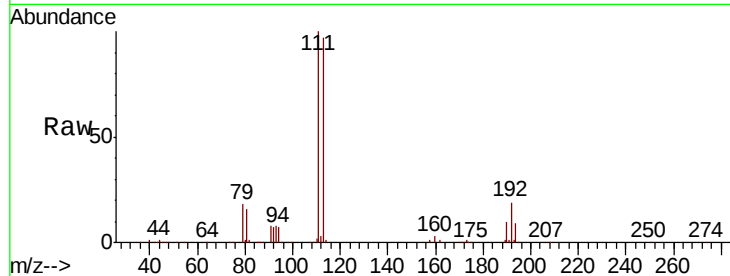
Tgt Ion: 113 Resp: 492422

Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

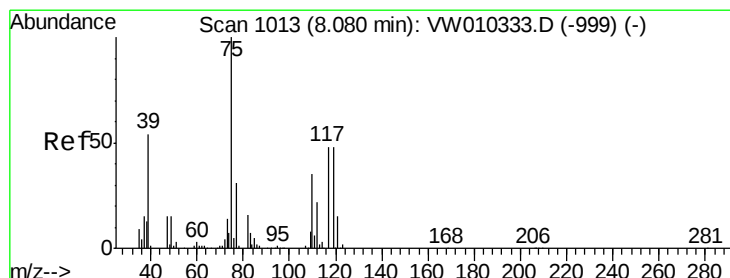
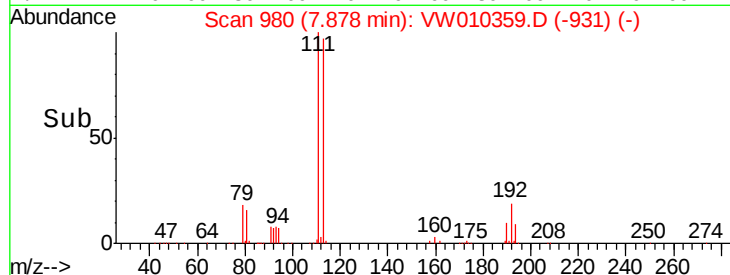
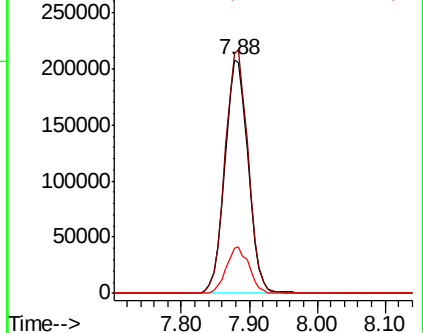
192 19.6 15.4 23.2



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



#36

1,1-Dichloropropene

Concen: 4.306 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW010359.D

Acq: 10 May 2019 16:37

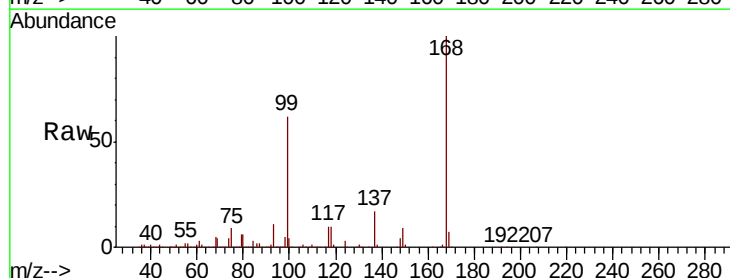
Tgt Ion: 75 Resp: 88582

Ion Ratio Lower Upper

75 100

110 7.4 16.6 49.8#

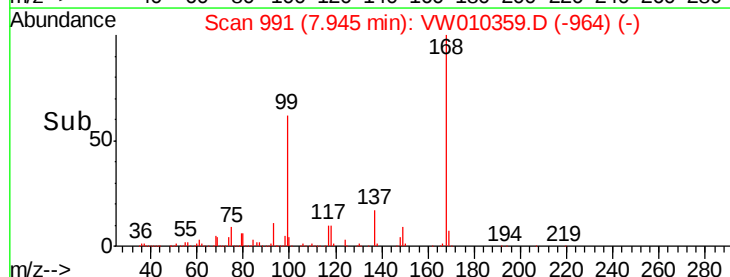
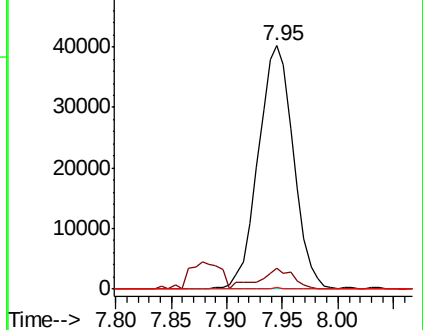
77 0.3 24.8 37.2#

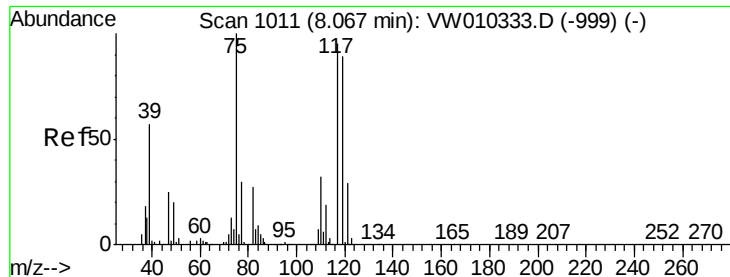


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.932 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW010359.D

Acq: 10 May 2019 16:37

Instrument :

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ClientSampleId :

P026-SS003-1218-01

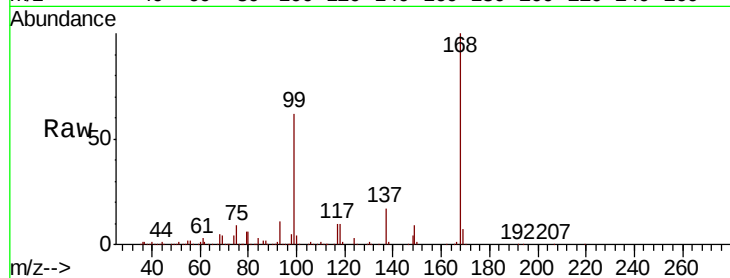
Tgt Ion: 117 Resp: 104620

Ion Ratio Lower Upper

117 100

119 6.8 75.3 112.9#

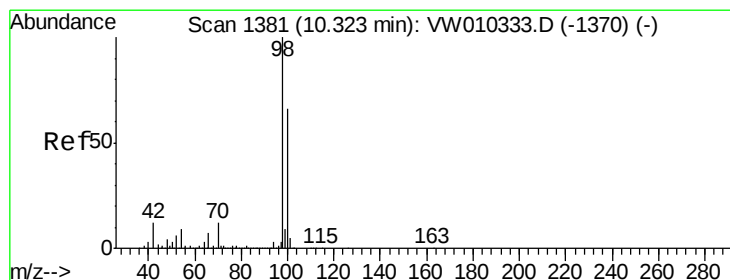
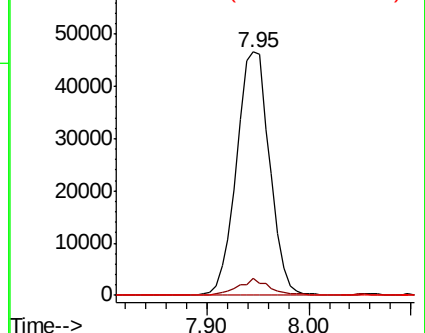
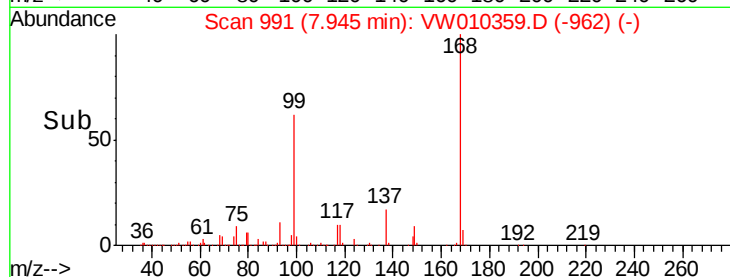
121 0.0 24.4 36.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 34.762 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010359.D

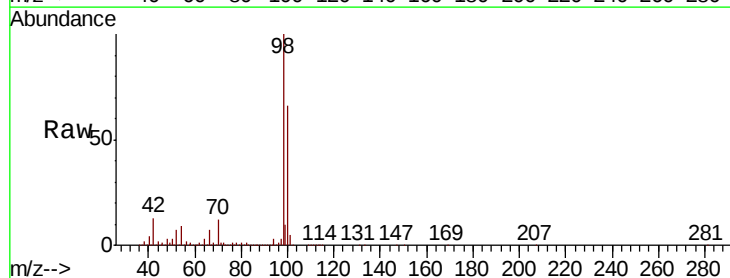
Acq: 10 May 2019 16:37

Tgt Ion: 98 Resp: 1571795

Ion Ratio Lower Upper

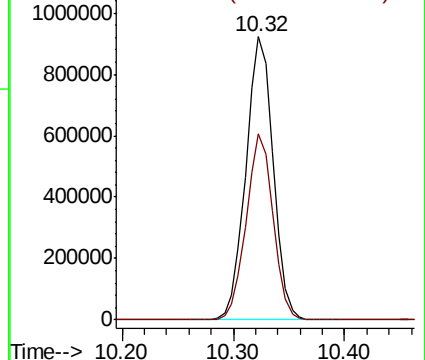
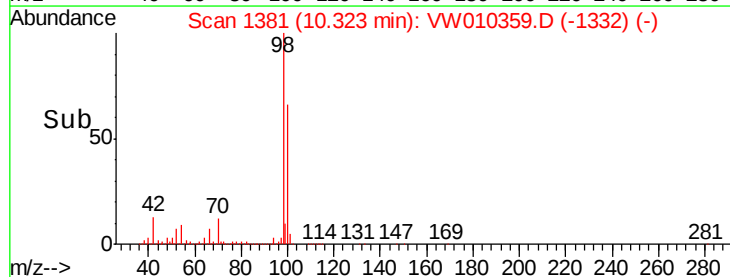
98 100

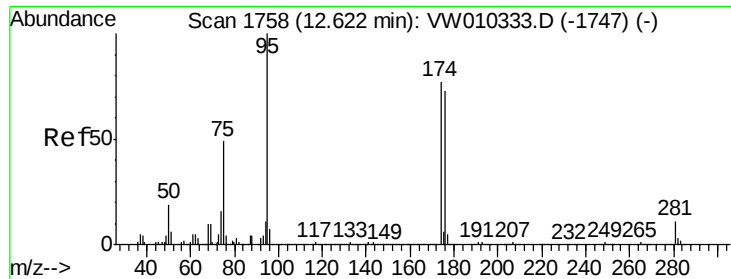
100 64.7 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

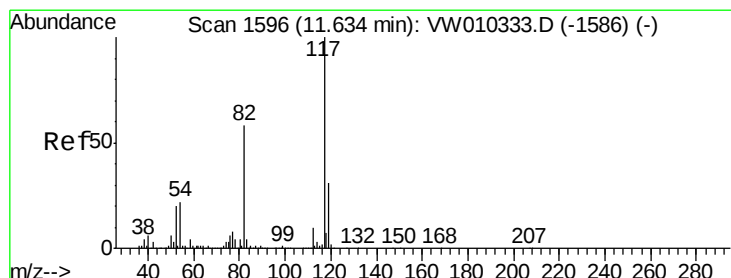
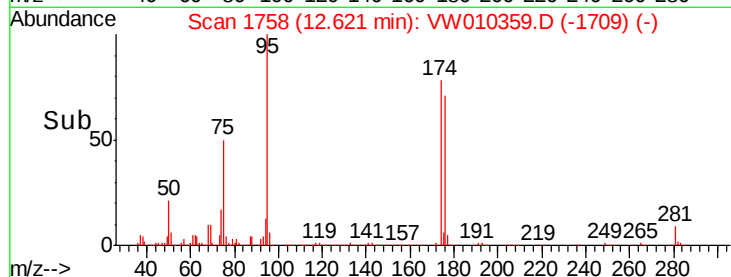
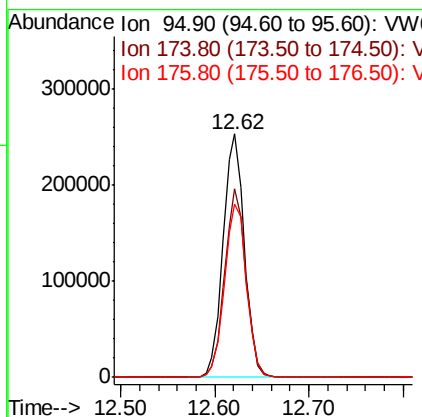
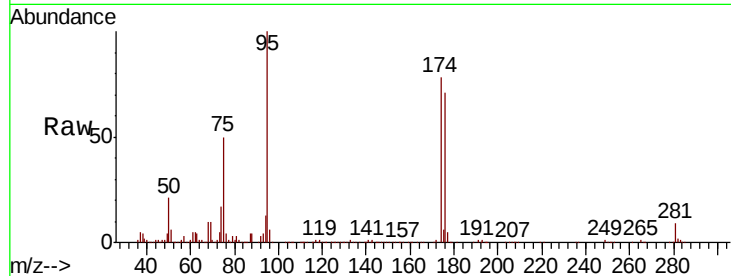




#62
4-Bromofluorobenzene
Concen: 24.834 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010359.D
Acq: 10 May 2019 16:37

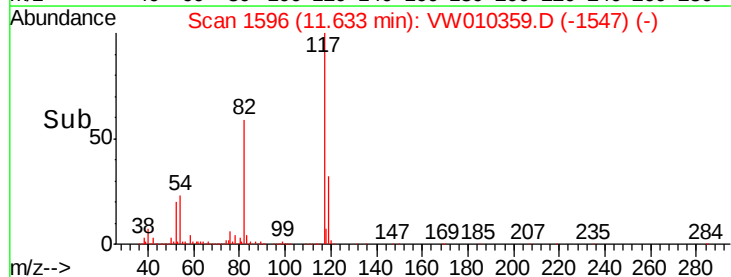
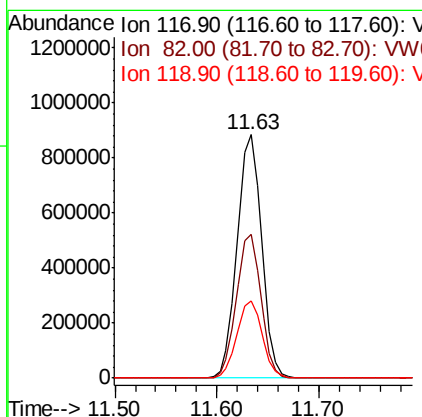
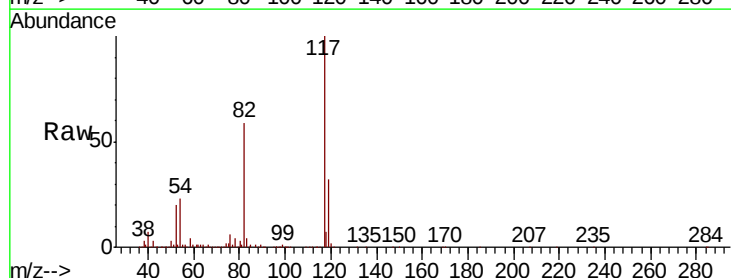
Instrument :
MSVOA_W
ClientSampleId :
P026-SS003-1218-01

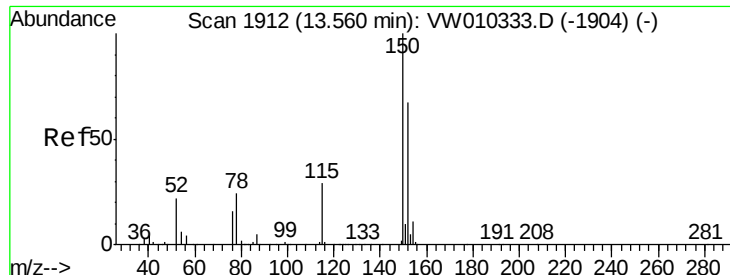
Tgt Ion: 95 Resp: 395267
Ion Ratio Lower Upper
95 100
174 77.6 0.0 151.4
176 73.5 0.0 146.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010359.D
Acq: 10 May 2019 16:37

Tgt Ion: 117 Resp: 1467174
Ion Ratio Lower Upper
117 100
82 59.0 45.2 67.8
119 31.7 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: VW010359.D

Acq: 10 May 2019 16:37

Instrument :

MSVOA_W

ClientSampleId :

P026-SS003-1218-01

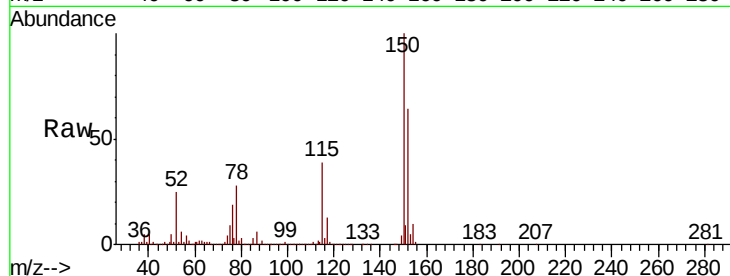
Tgt Ion:152 Resp: 449204

Ion Ratio Lower Upper

152 100

115 60.8 30.4 91.2

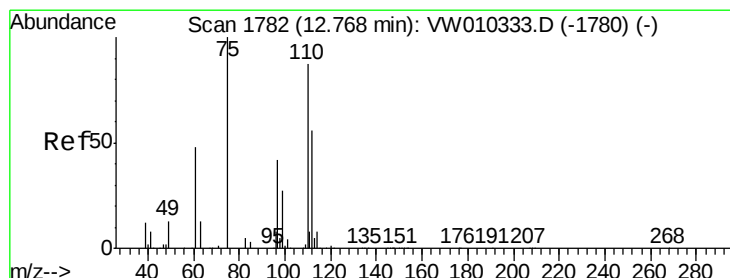
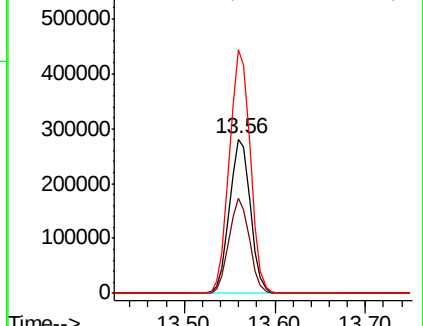
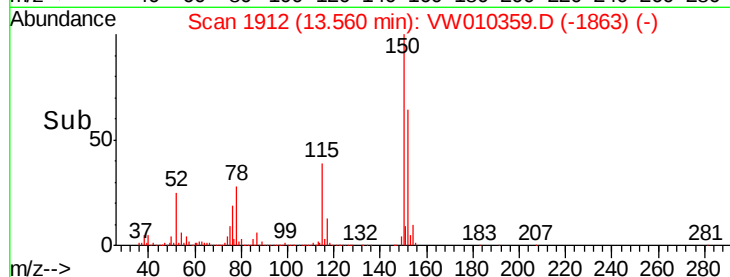
150 158.2 0.0 347.0



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: 38.337 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010359.D

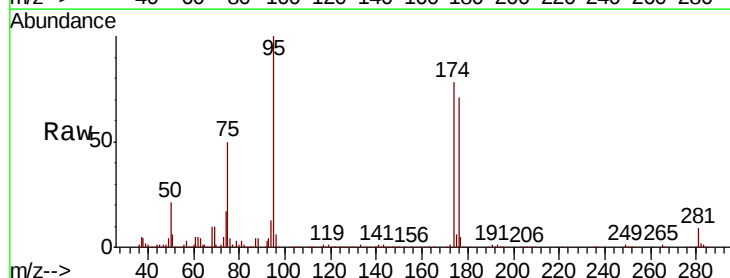
Acq: 10 May 2019 16:37

Tgt Ion: 75 Resp: 200783

Ion Ratio Lower Upper

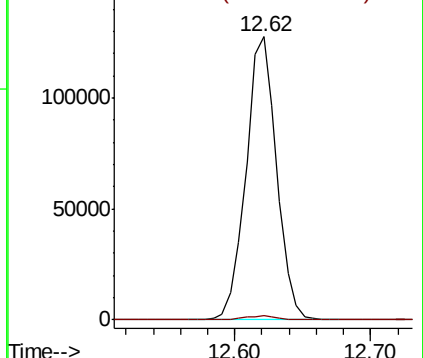
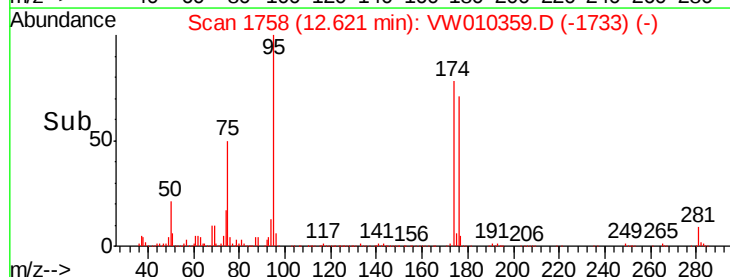
75 100

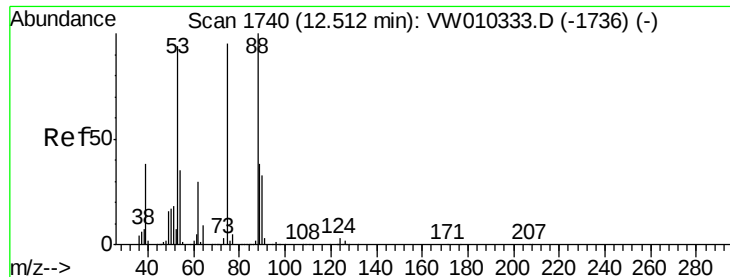
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

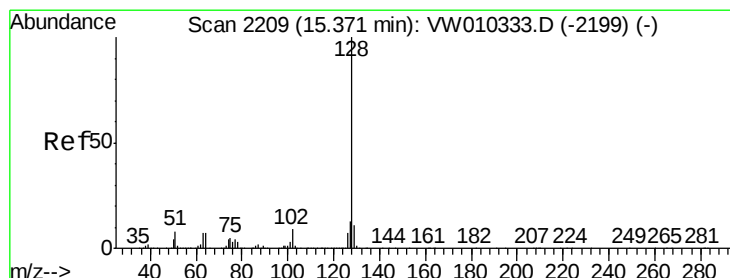
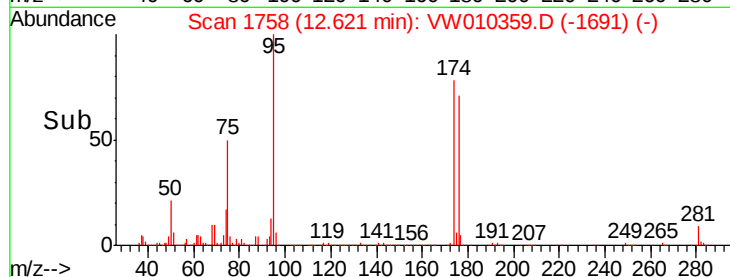
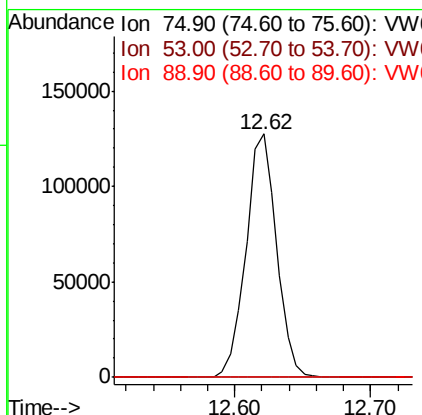
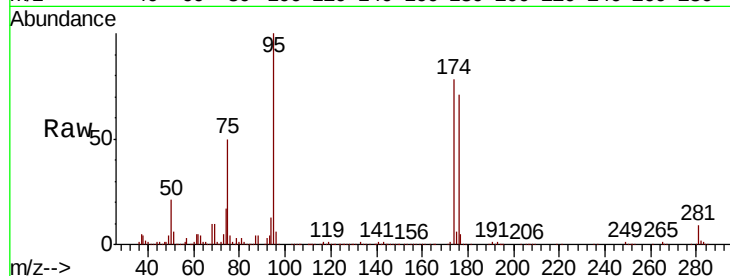




#81
trans-1,4-Dichloro-2-butene
Concen: 86.576 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.11 min
Lab File: VW010359.D
Acq: 10 May 2019 16:37

Instrument :
MSVOA_W
ClientSampleId :
P026-SS003-1218-01

Tgt Ion: 75 Resp: 200783
Ion Ratio Lower Upper
75 100
53 0.5 89.8 134.8#
89 0.1 36.6 54.8#



#95
Naphthalene
Concen: 3.737 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010359.D
Acq: 10 May 2019 16:37

Tgt Ion: 128 Resp: 3133
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 7.1 8.7 13.1#

