

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050919\
 Data File : VW010344.D
 Acq On : 09 May 2019 18:44
 Operator : SY/VA
 Sample : K2718-02
 Misc : 6.19G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 10 02:24:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 13:55:10 2019
 Response via : Initial Calibration

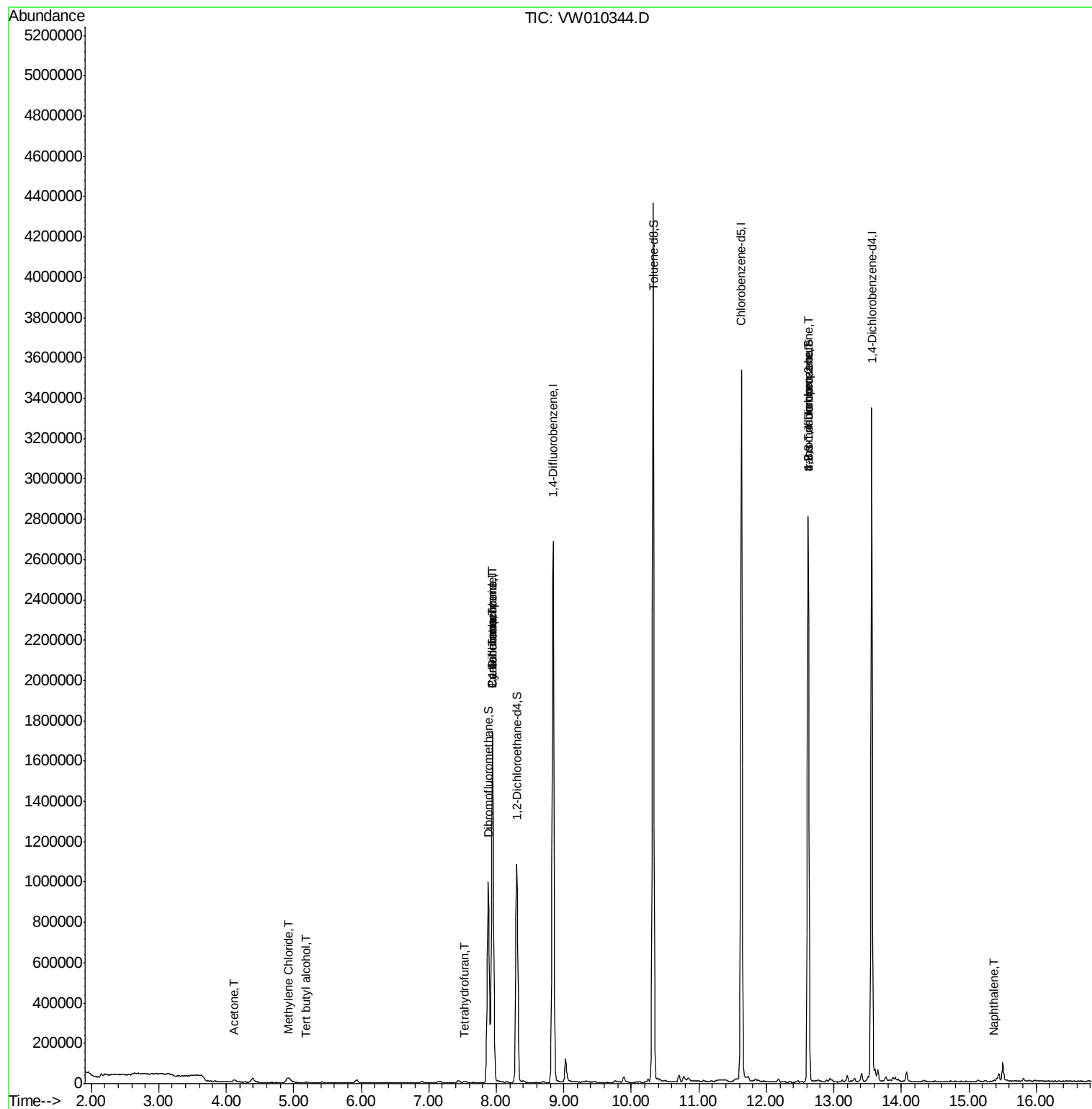
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	1262837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2159922	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1898189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	832348	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	850013	63.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.62%	
35) Dibromofluoromethane	7.88	113	723367	57.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.46%	
50) Toluene-d8	10.32	98	2786830	54.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.30%	
62) 4-Bromofluorobenzene	12.62	95	897097	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.18	59	3640	3.839	ug/l #	85
16) Acetone	4.12	43	25098	7.171	ug/l #	89
20) Methylene Chloride	4.92	84	22925	1.570	ug/l	87
29) Tetrahydrofuran	7.52	42	3817	1.102	ug/l #	87
31) Cyclohexane	7.95	56	30296	1.102	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	106223	4.536	ug/l #	50
38) Carbon Tetrachloride	7.95	117	126063	6.279	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	463852	47.798	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	463852	107.942	ug/l #	5
95) Naphthalene	15.37	128	5594	3.732	ug/l	98

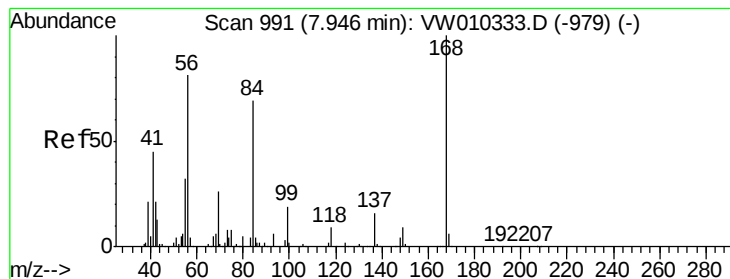
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 09 13:55:10 2019
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: VW010344.D

Acq: 09 May 2019 18:44

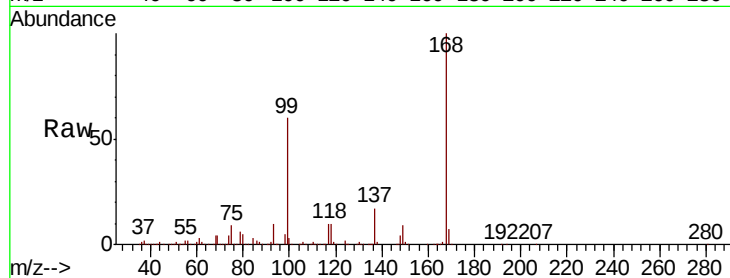
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 1262837

Ion Ratio Lower Upper

168 100

99 59.8 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

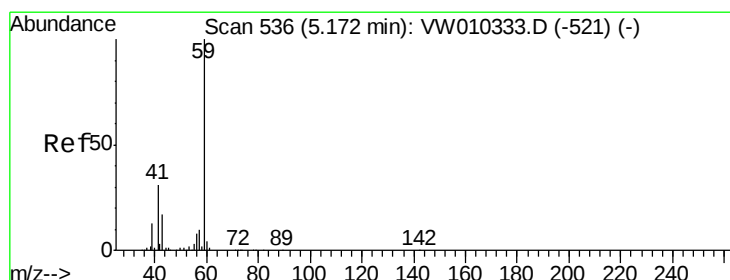
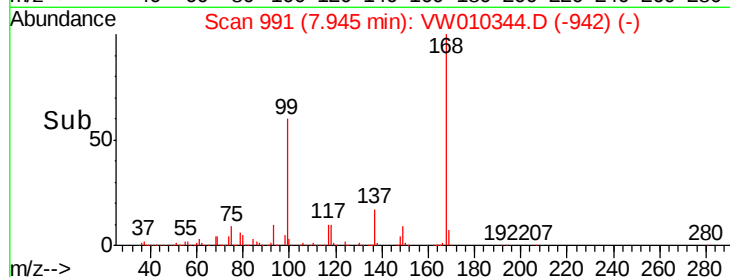
600000

400000

200000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.839 ug/l

RT: 5.18 min Scan# 538

Delta R.T. 0.01 min

Lab File: VW010344.D

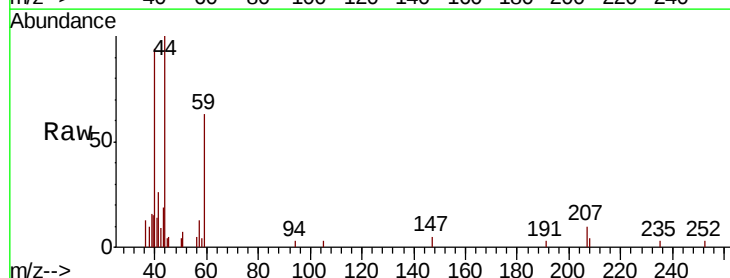
Acq: 09 May 2019 18:44

Tgt Ion: 59 Resp: 3640

Ion Ratio Lower Upper

59 100

57 5.6 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

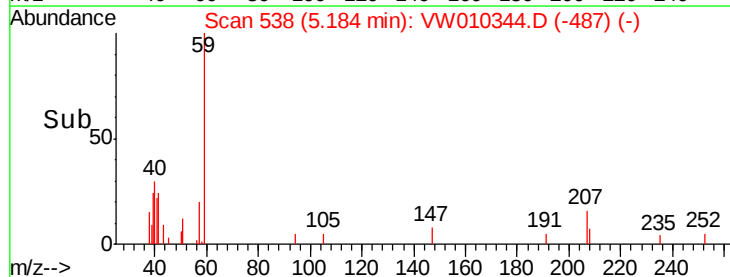
5.18

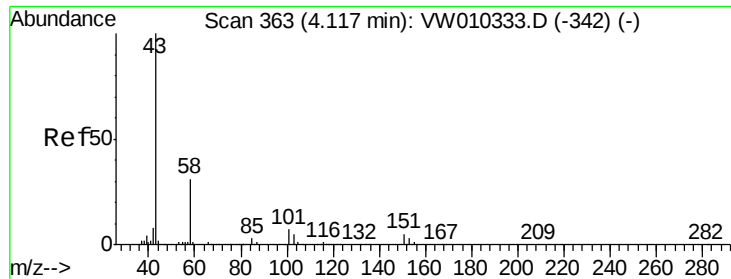
1000

500

0

Time-->

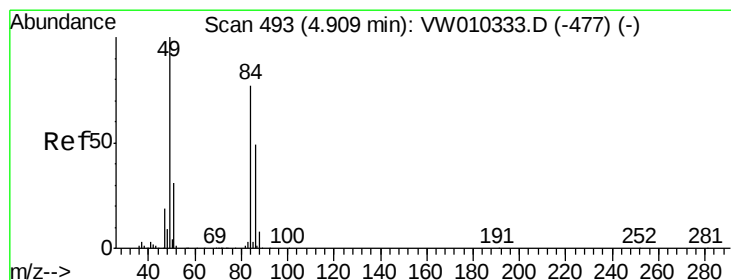
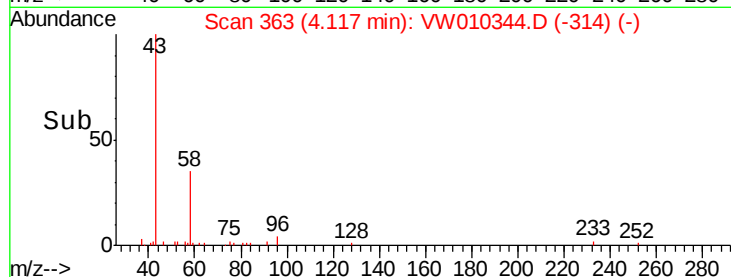
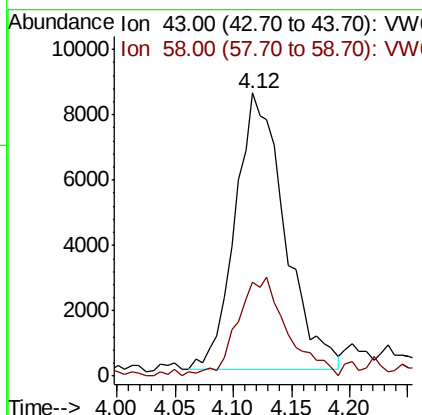
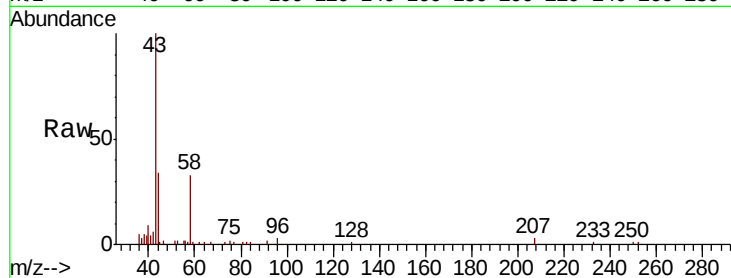




#16
Acetone
Concen: 7.171 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW010344.D
Acq: 09 May 2019 18:44

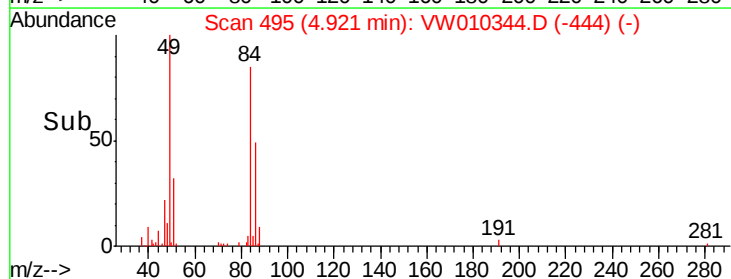
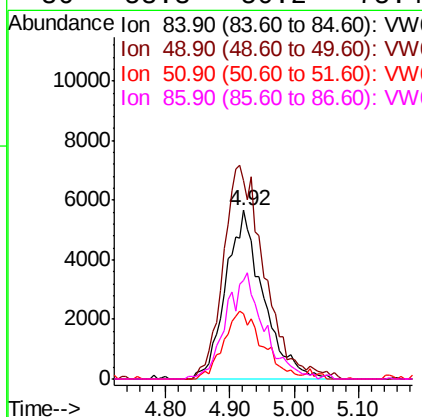
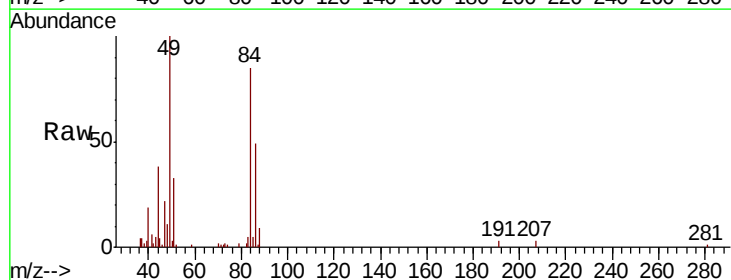
Instrument :
MSVOA_W
ClientSampleId :

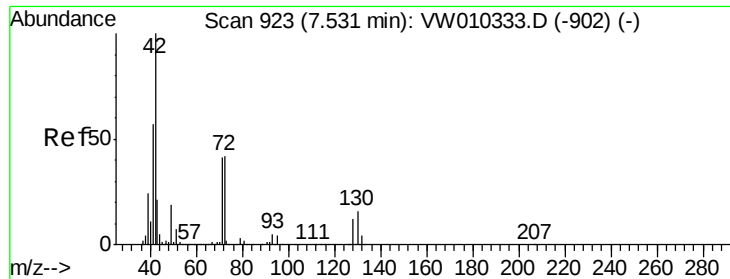
Tot Ion: 43 Resp: 25098
Ion Ratio Lower Upper
43 100
58 34.2 22.7 34.1#



#20
Methylene Chloride
Concen: 1.570 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW010344.D
Acq: 09 May 2019 18:44

Tgt Ion: 84 Resp: 22925
Ion Ratio Lower Upper
84 100
49 117.8 112.3 168.5
51 38.4 33.9 50.9
86 58.3 50.2 75.4

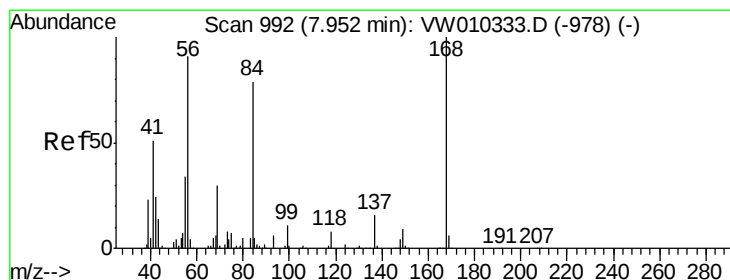
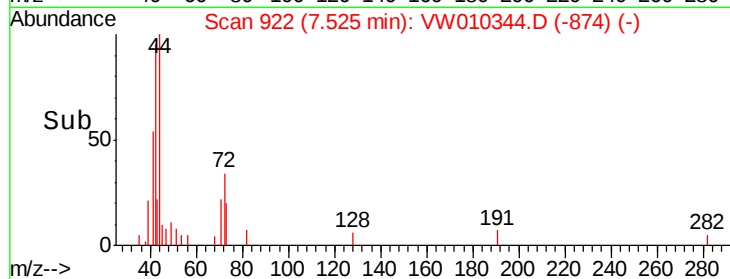
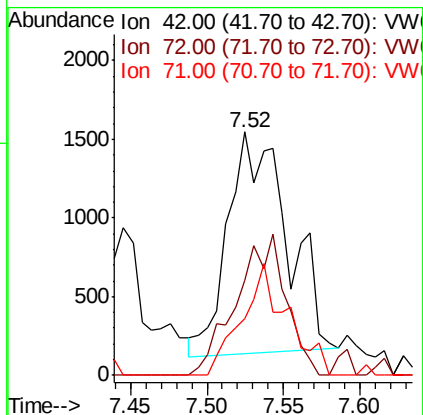
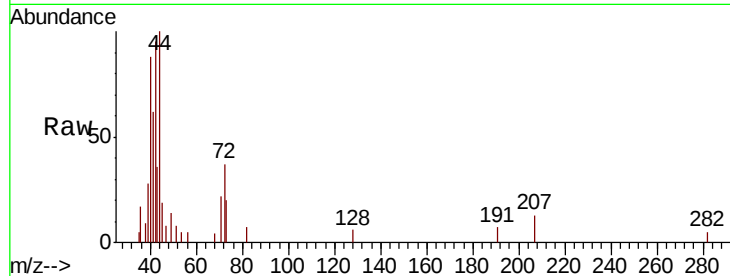




#29
Tetrahydrofuran
Concen: 1.102 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW010344.D
Acq: 09 May 2019 18:44

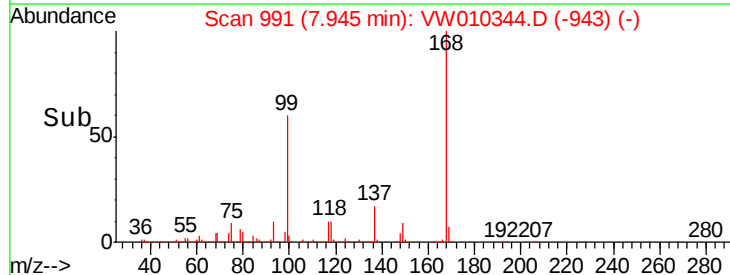
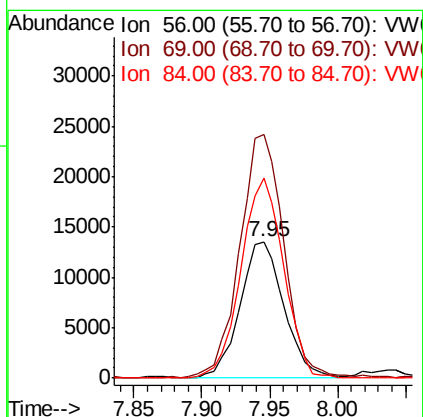
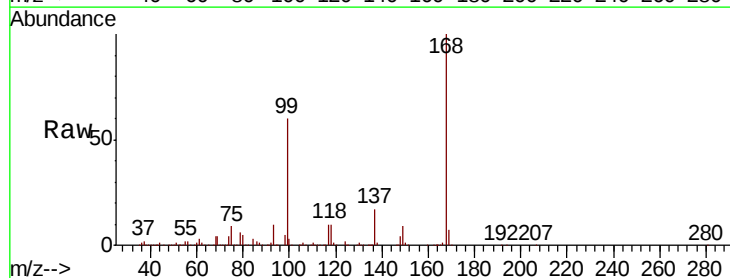
Instrument :
MSVOA_W
ClientSampleId :

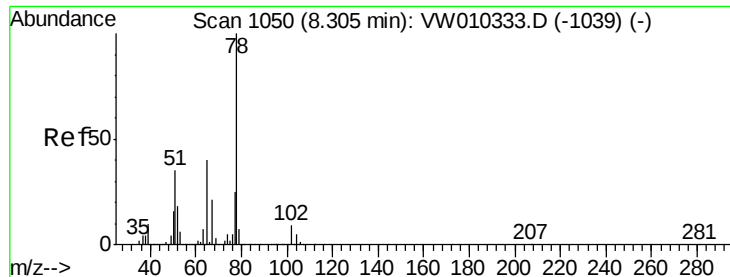
Tot Ion	Ratio	Lower	Upper
42	100		
72	52.8	31.0	46.6#
71	38.2	29.7	44.5



#31
Cyclohexane
Concen: 1.102 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW010344.D
Acq: 09 May 2019 18:44

Tgt Ion	Ratio	Lower	Upper
56	100		
69	179.3	26.6	40.0#
84	148.2	66.2	99.2#





#33

1,2-Dichloroethane-d4

Concen: 63.313 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010344.D

Acq: 09 May 2019 18:44

Instrument :

MSVOA_W

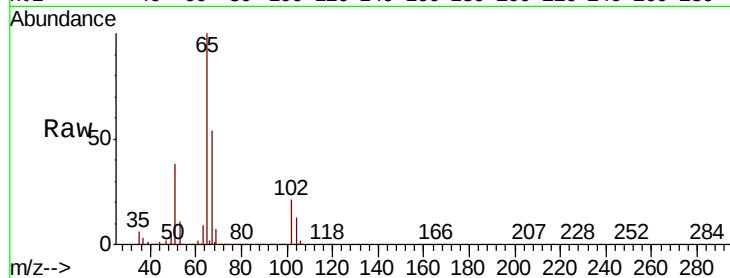
ClientSampleId :

Tot Ion: 65 Resp: 850013

Ion Ratio Lower Upper

65 100

67 53.0 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

400000

300000

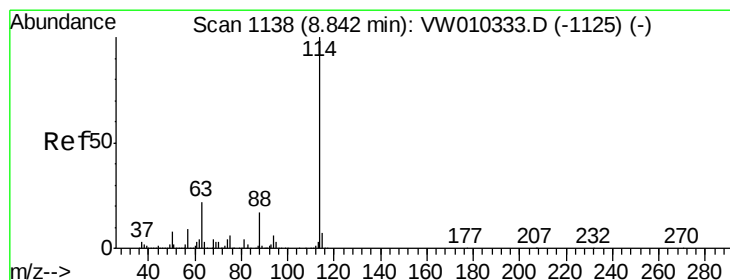
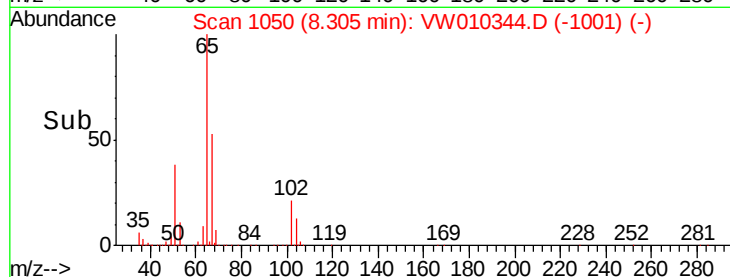
200000

100000

0

Time-->

8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010344.D

Acq: 09 May 2019 18:44

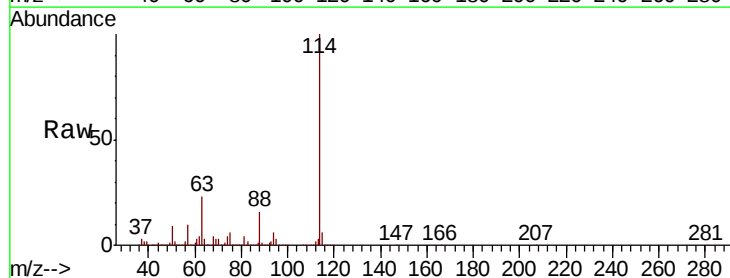
Tgt Ion: 114 Resp: 2159922

Ion Ratio Lower Upper

114 100

63 23.0 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

1500000

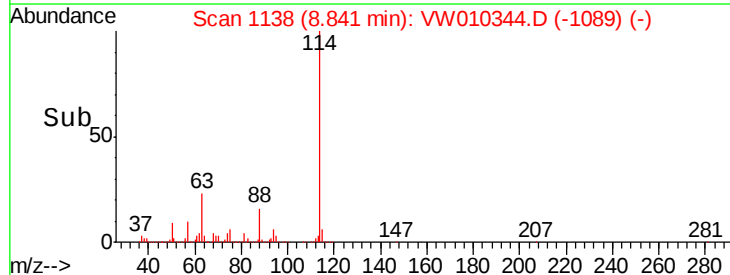
1000000

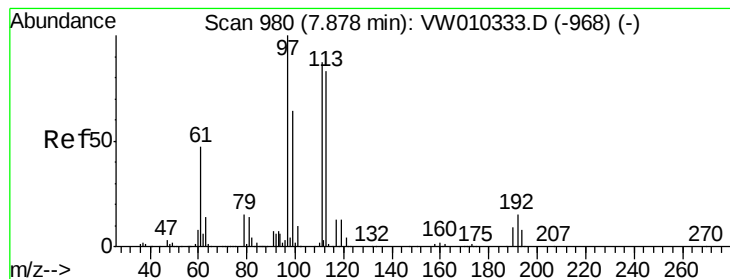
500000

0

Time-->

8.80 8.90





#35

Dibromofluoromethane

Concen: 57.230 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW010344.D

Acq: 09 May 2019 18:44

Instrument :

MSVOA_W

ClientSampleId :

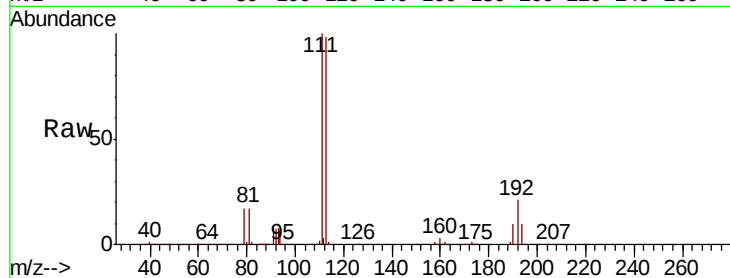
Tot Ion:113 Resp: 723367

Ion Ratio Lower Upper

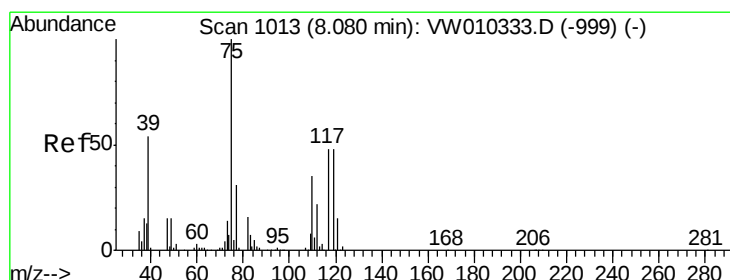
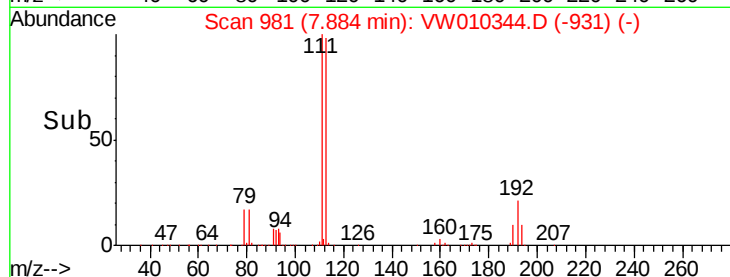
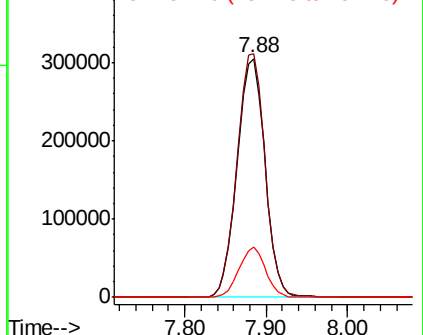
113 100

111 102.4 82.6 123.8

192 20.1 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: 4.536 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW010344.D

Acq: 09 May 2019 18:44

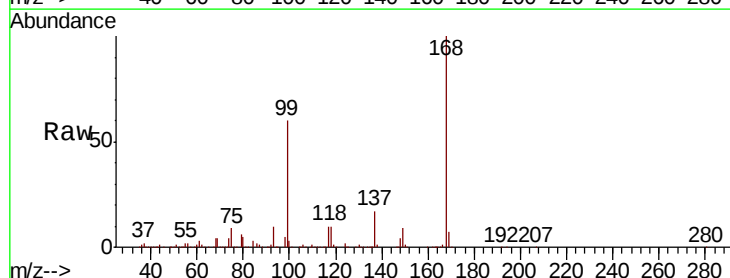
Tgt Ion: 75 Resp: 106223

Ion Ratio Lower Upper

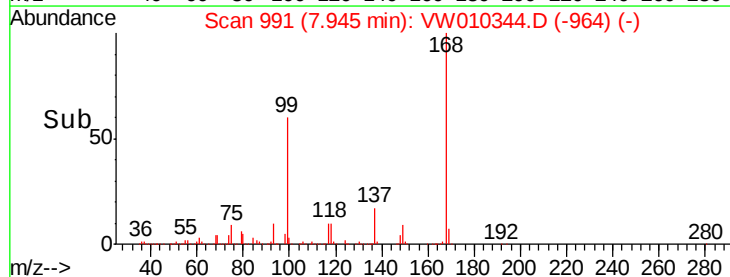
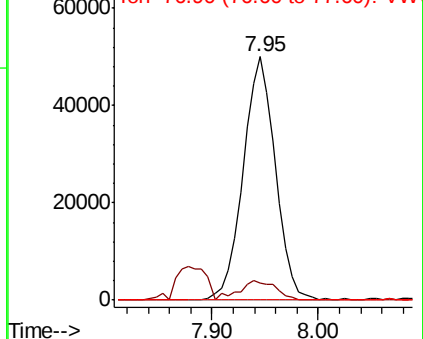
75 100

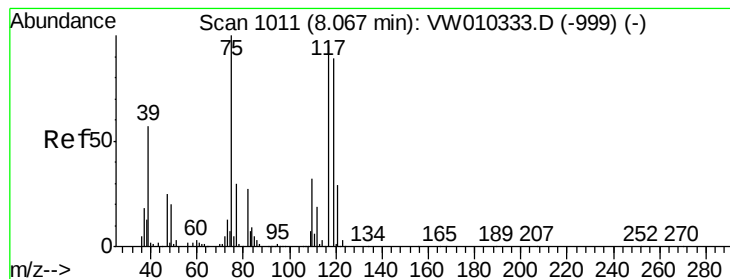
110 8.3 16.6 49.8#

77 0.2 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: 6.279 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW010344.D

Acq: 09 May 2019 18:44

Instrument :

MSVOA_W

ClientSampleId :

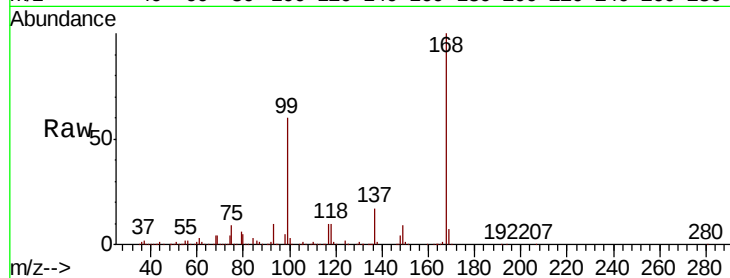
Tot Ion:117 Resp: 126063

Ion Ratio Lower Upper

117 100

119 6.9 75.3 112.9#

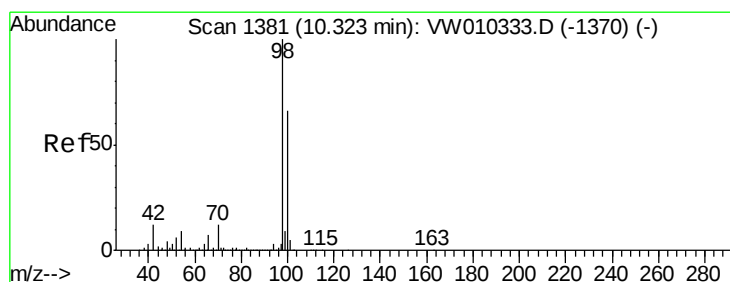
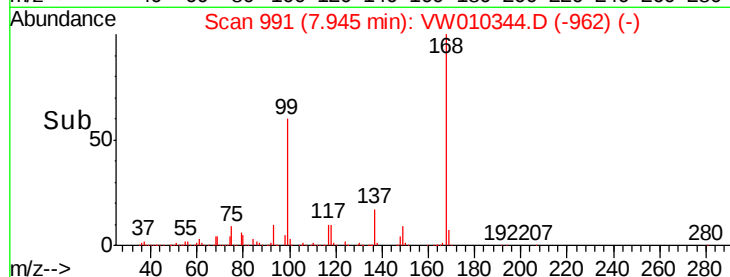
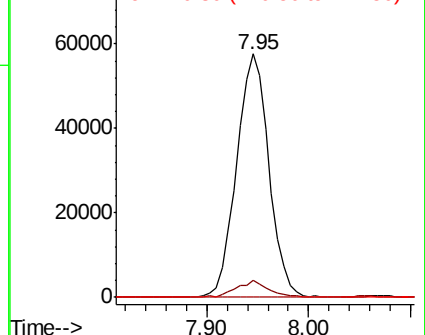
121 0.0 24.4 36.6#



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: 54.146 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010344.D

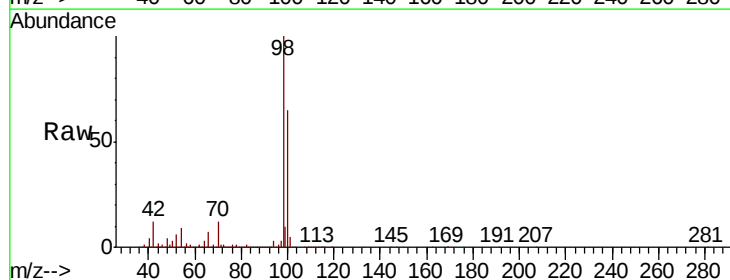
Acq: 09 May 2019 18:44

Tgt Ion: 98 Resp: 2786830

Ion Ratio Lower Upper

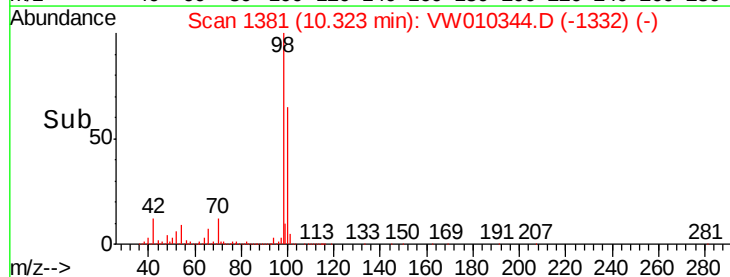
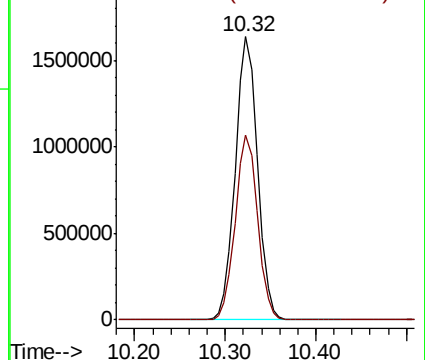
98 100

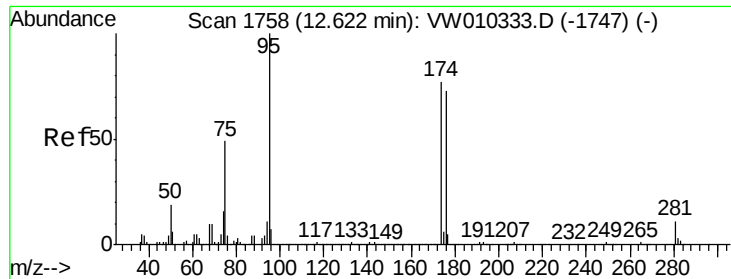
100 65.6 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

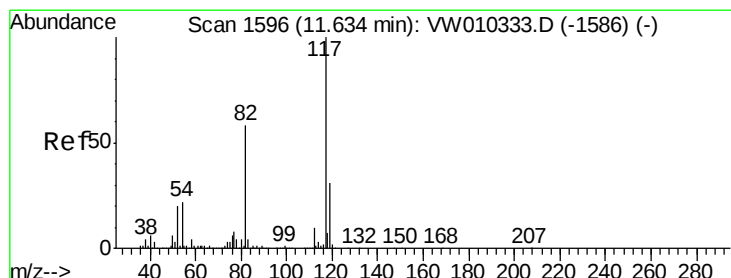
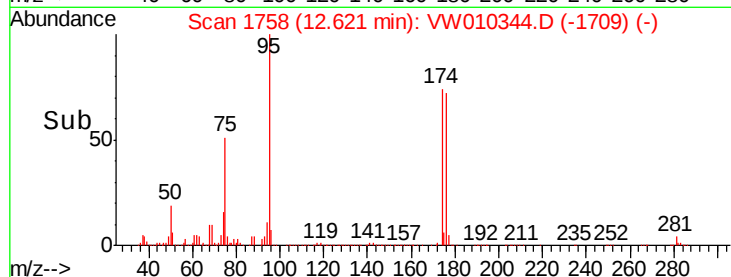
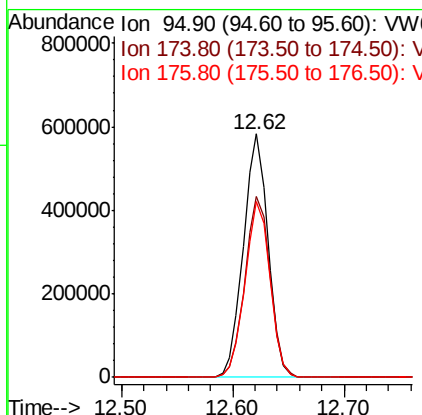
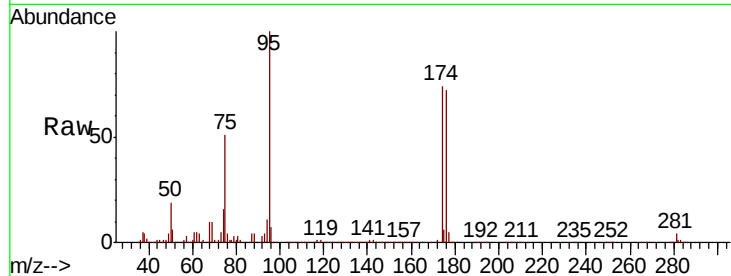




#62
4-Bromofluorobenzene
Concen: 49.516 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010344.D
Acq: 09 May 2019 18:44

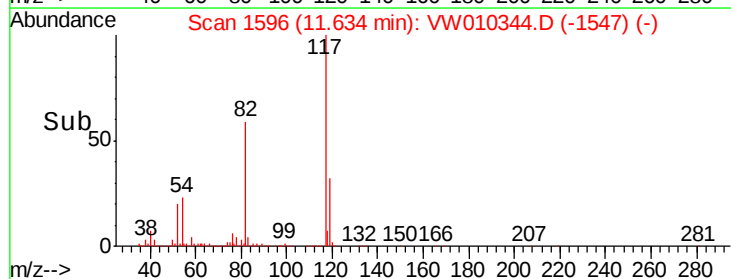
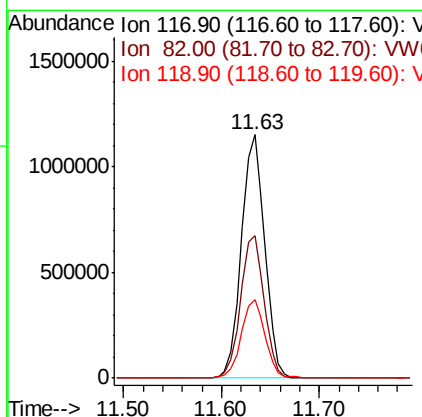
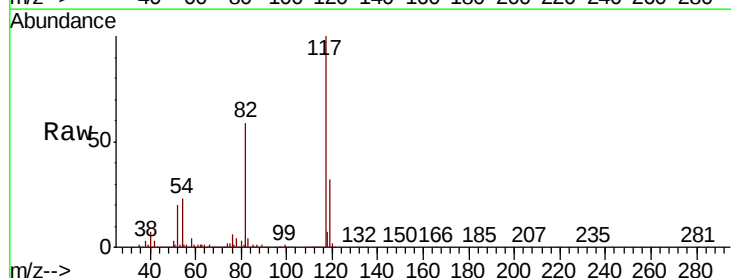
Instrument :
MSVOA_W
ClientSampleId :

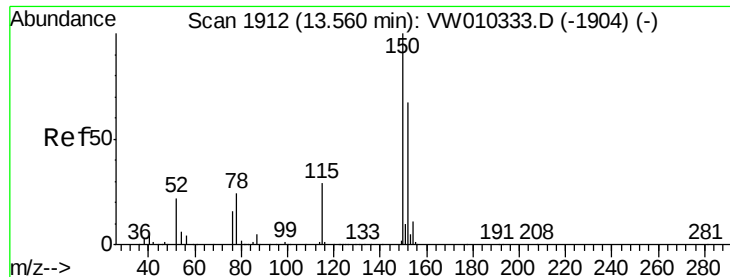
Tot Ion	Ratio	Lower	Upper
95	100		
174	76.6	0.0	151.4
176	73.6	0.0	146.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010344.D
Acq: 09 May 2019 18:44

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.7	45.2	67.8
119	31.8	25.4	38.2



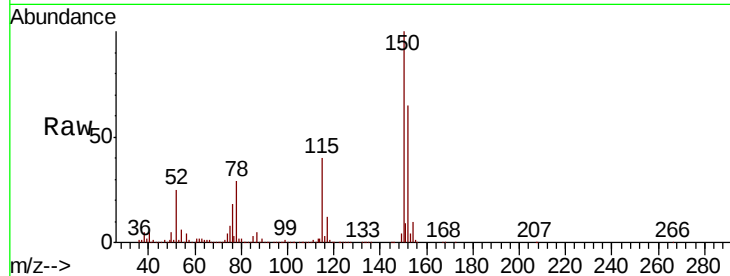


#72

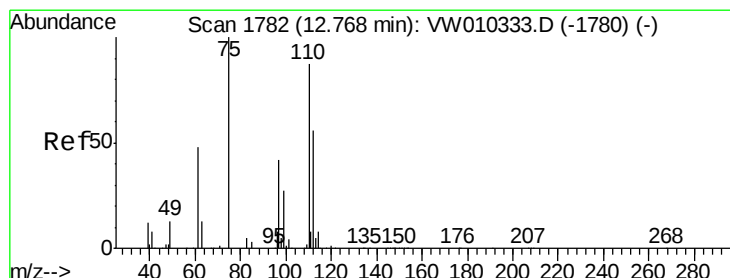
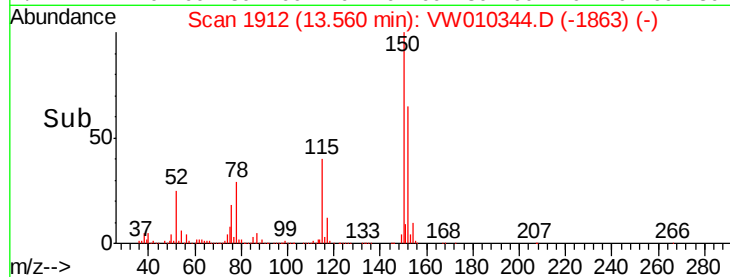
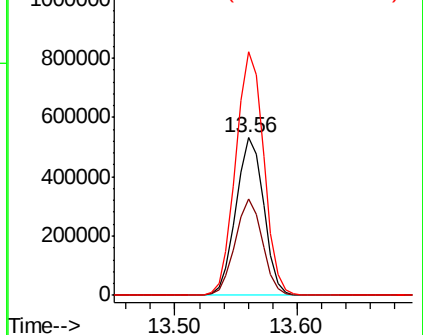
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010344.D
Acq: 09 May 2019 18:44

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.4	30.4	91.2
150	156.7	0.0	347.0



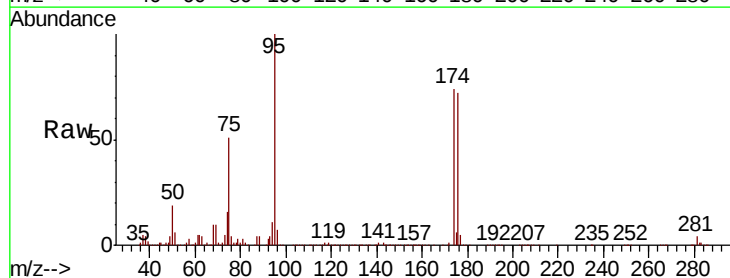
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



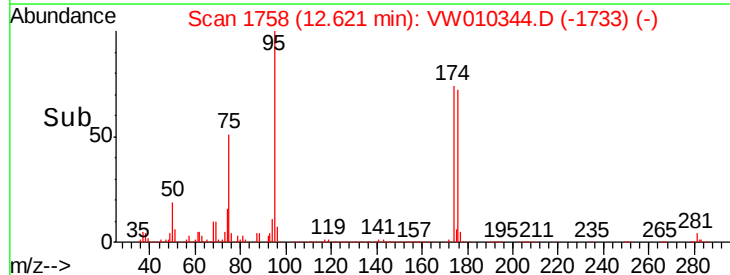
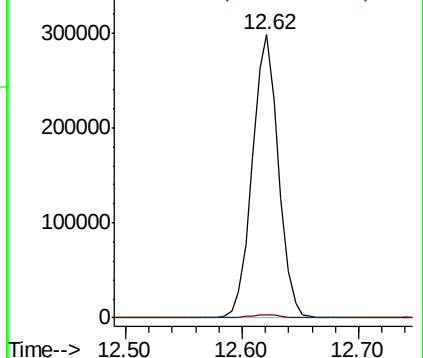
#76

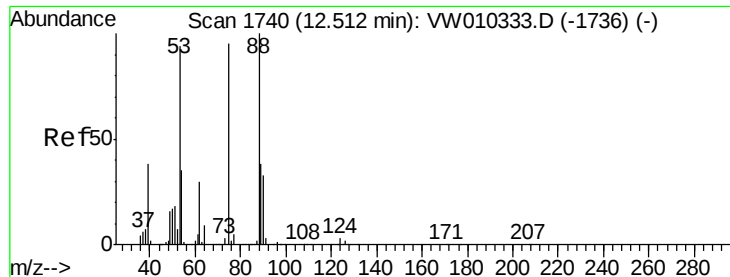
1,2,3-Trichloropropane
Concen: 47.798 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW010344.D
Acq: 09 May 2019 18:44

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW

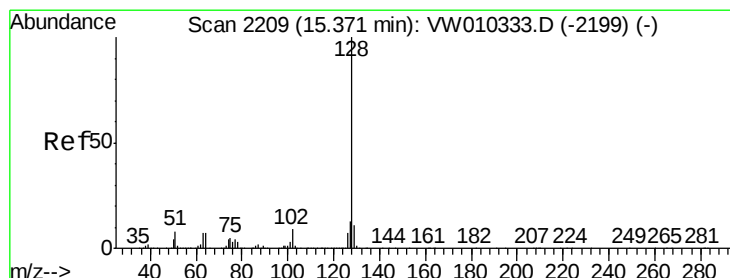
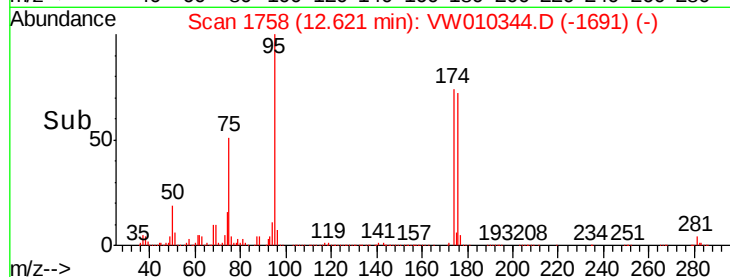
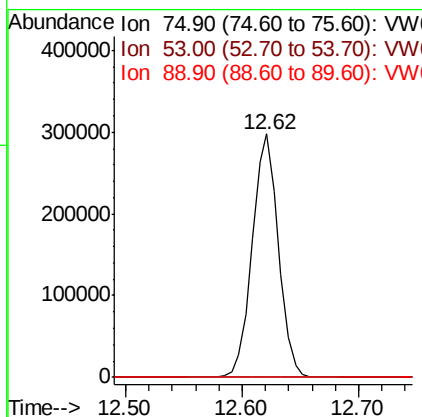
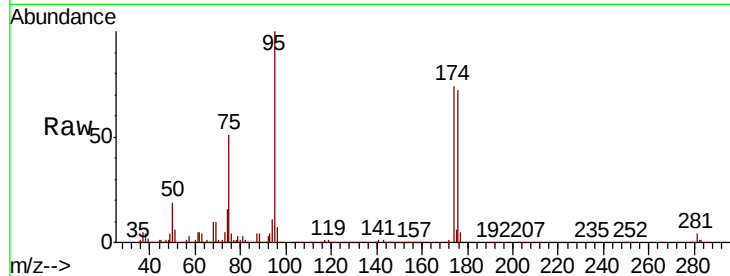




#81
trans-1,4-Dichloro-2-butene
Concen: 107.942 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.11 min
Lab File: VW010344.D
Acq: 09 May 2019 18:44

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 75 Resp: 463852
Ion Ratio Lower Upper
75 100
53 0.3 89.8 134.8#
89 0.0 36.6 54.8#



#95
Naphthalene
Concen: 3.732 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010344.D
Acq: 09 May 2019 18:44

Tgt Ion: 128 Resp: 5594
Ion Ratio Lower Upper
128 100
127 12.6 10.6 15.8
129 12.2 8.7 13.1

