

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 Data File : VW002393.D
 Acq On : 10 May 2018 20:37
 Operator : JC/SY
 Sample : J2730-08RE
 Misc : 6.44G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 11 04:55:14 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 08 03:57:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	120984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	195051	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	149756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	39362	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	58805	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	
35) Dibromofluoromethane	7.88	113	55471	44.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.74%	
50) Toluene-d8	10.33	98	164470	34.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.00%	
62) 4-Bromofluorobenzene	12.63	95	39658	23.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	46.04%	

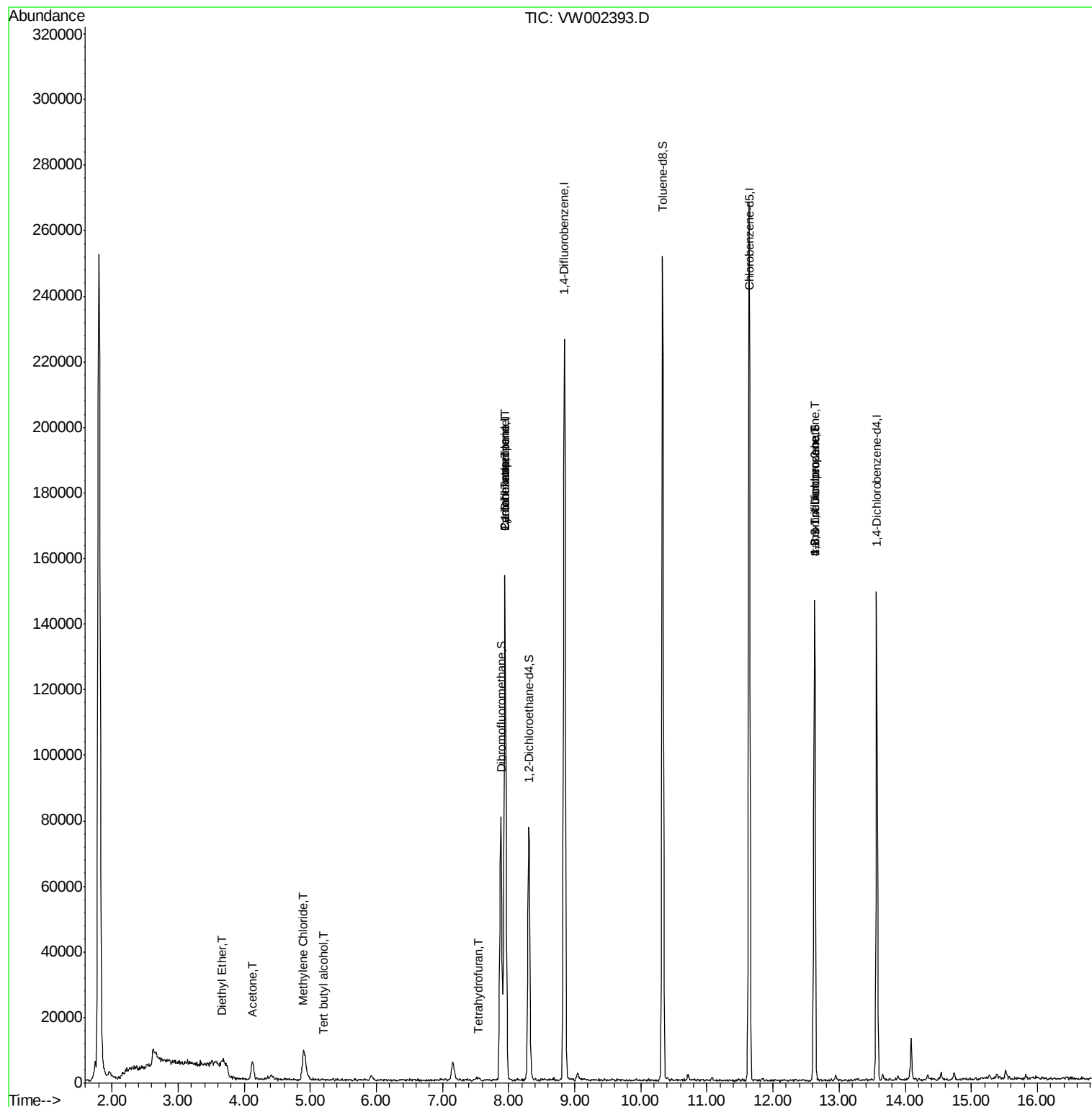
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.66	74	752	1.07	ug/l	65
11) Tert butyl alcohol	5.20	59	323	3.46	ug/l #	85
16) Acetone	4.12	43	9761	38.90	ug/l #	85
20) Methylene Chloride	4.90	84	8067	6.67	ug/l	94
29) Tetrahydrofuran	7.54	42	331	1.35	ug/l #	81
31) Cyclohexane	7.95	56	2817	1.48	ug/l #	42
36) 1,1-Dichloropropene	7.94	75	8828	5.00	ug/l #	50
38) Carbon Tetrachloride	7.95	117	11743	6.88	ug/l #	16
76) 1,2,3-Trichloropropane	12.63	75	21111	60.48	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	21111	159.32	ug/l #	10

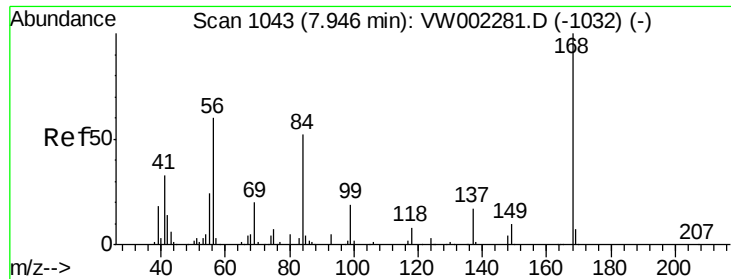
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 08 03:57:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002393.D

Acq: 10 May 2018 20:37

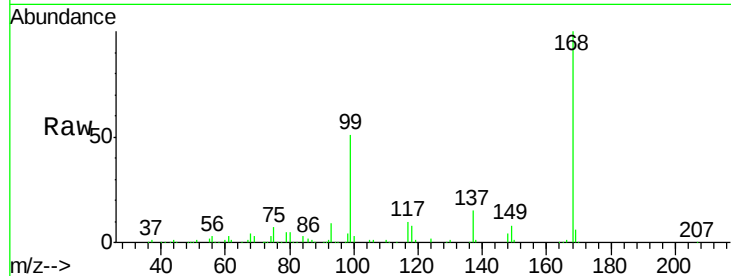
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 120984

Ion Ratio Lower Upper

168 100

99 51.0 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

30000

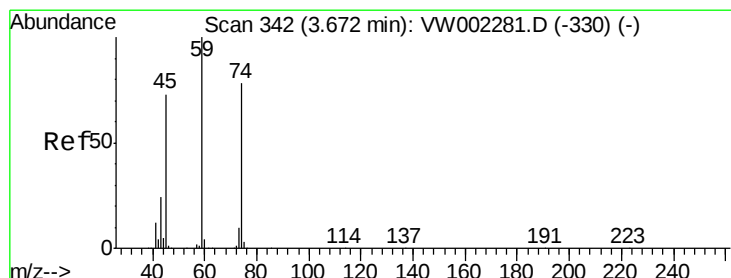
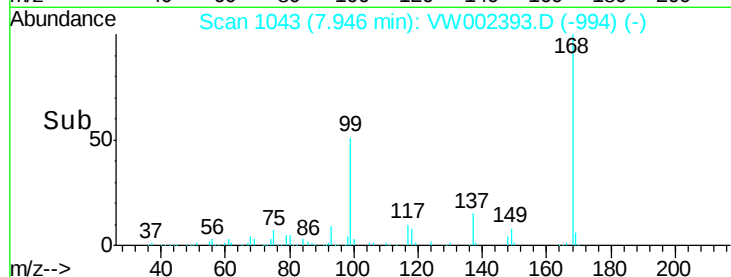
20000

10000

0

Time-->

7.90 8.00



#8

Diethyl Ether

Concen: 1.07 ug/l

RT: 3.66 min Scan# 340

Delta R.T. -0.01 min

Lab File: VW002393.D

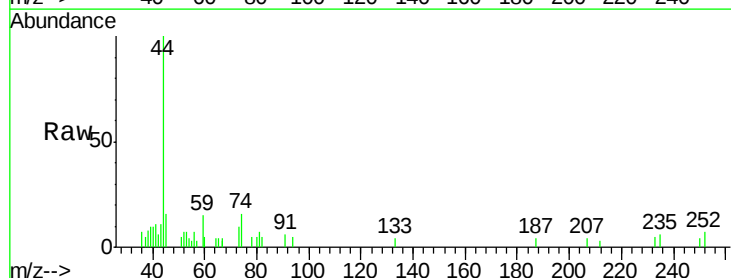
Acq: 10 May 2018 20:37

Tgt Ion: 74 Resp: 752

Ion Ratio Lower Upper

74 100

45 134.2 49.5 148.5



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.66

500

400

300

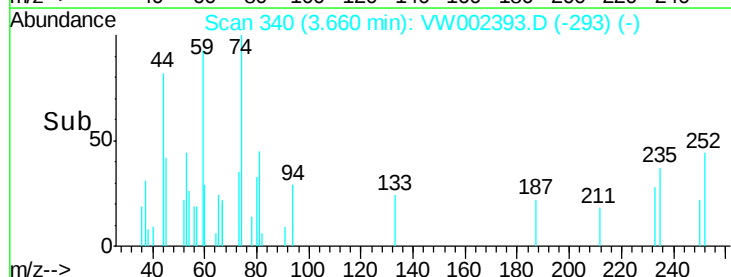
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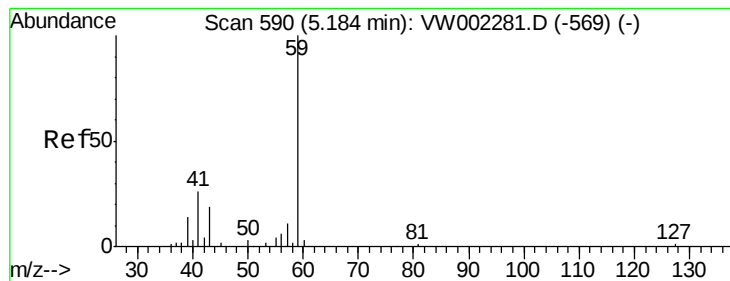
100

0

Time-->

3.60 3.65 3.70 3.75



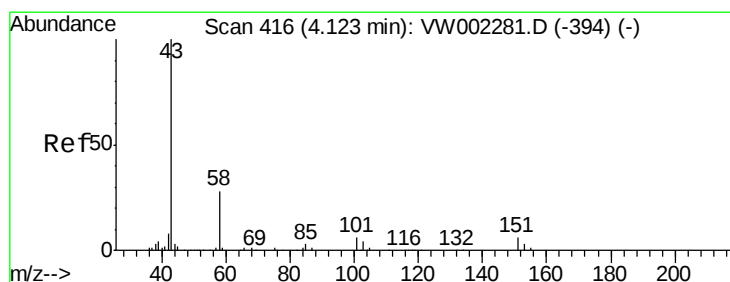
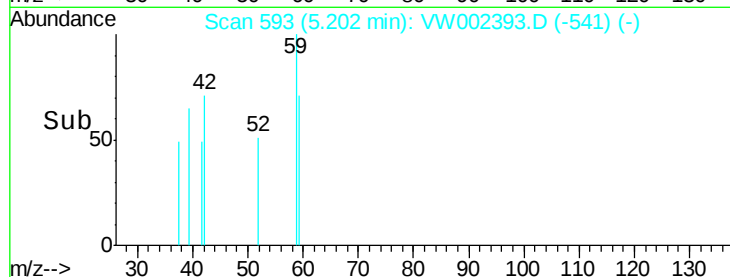
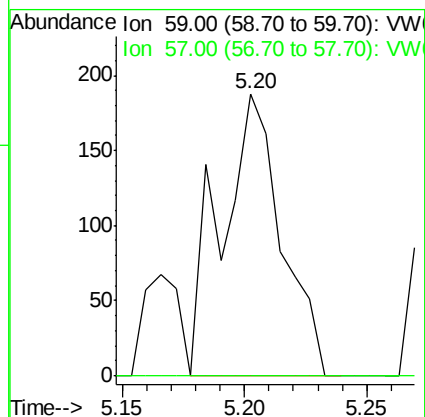
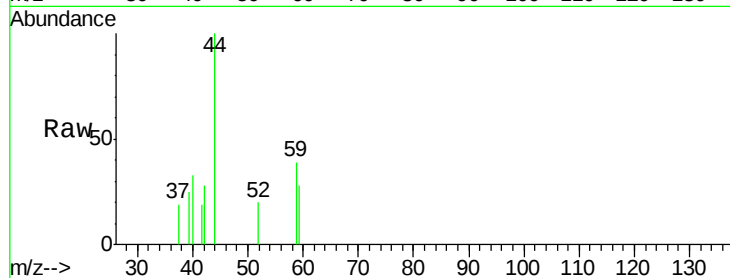


#11

Tert butyl alcohol
 Concen: 3.46 ug/l
 RT: 5.20 min Scan# 593
 Delta R.T. 0.02 min
 Lab File: VW002393.D
 Acq: 10 May 2018 20:37

Instrument :
 MSVOA_W
 ClientSampled :

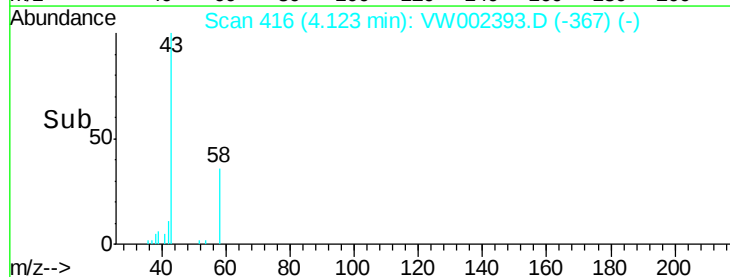
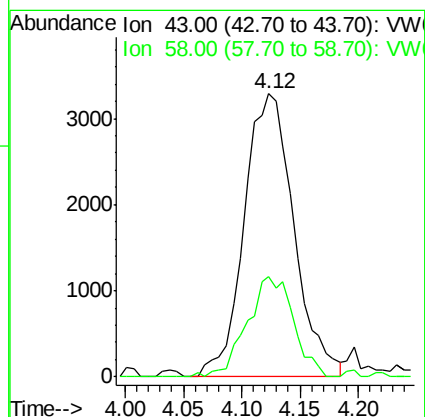
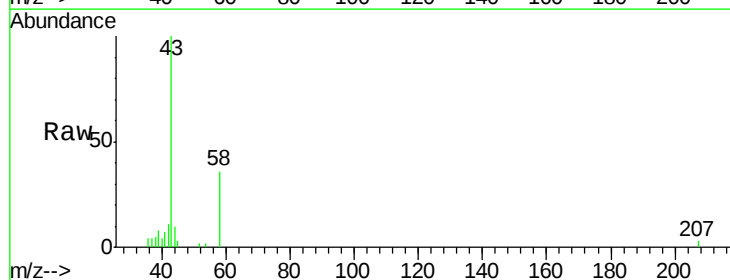
Tot Ion: 59 Resp: 323
 Ion Ratio Lower Upper
 59 100
 57 0.0 3.9 5.9#

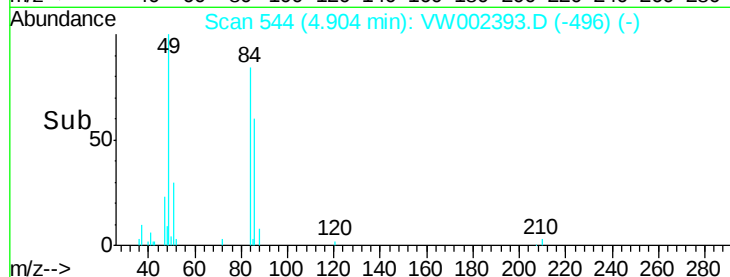
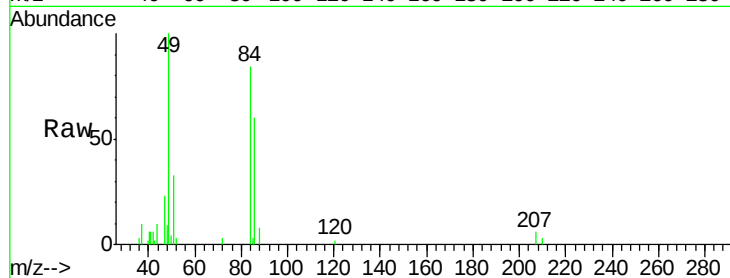
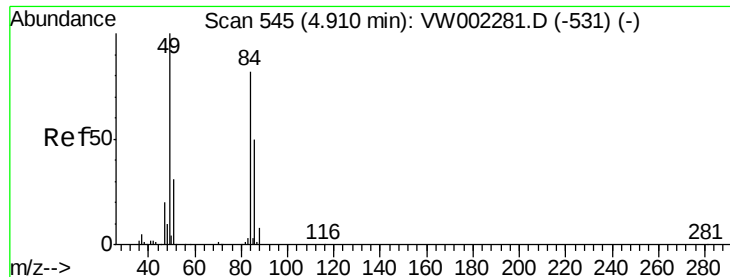


#16

Acetone
 Concen: 38.90 ug/l
 RT: 4.12 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: VW002393.D
 Acq: 10 May 2018 20:37

Tgt Ion: 43 Resp: 9761
 Ion Ratio Lower Upper
 43 100
 58 35.6 22.2 33.4#

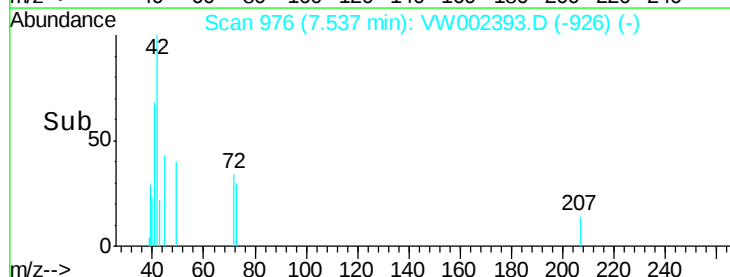
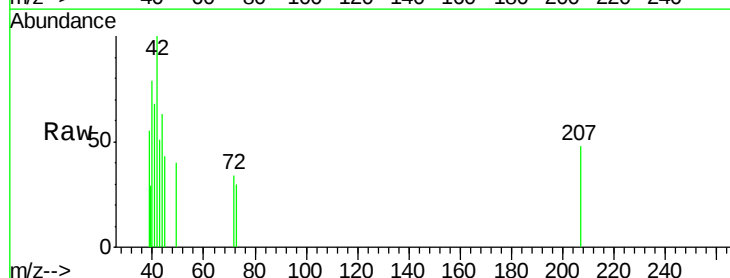
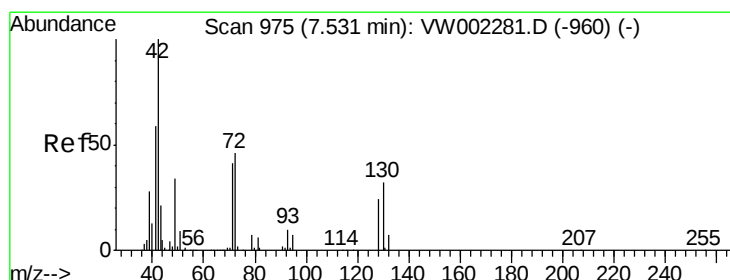
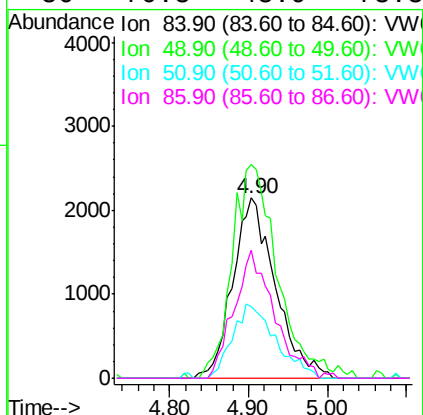




#20
Methvlene Chloride
Concen: 6.67 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW002393.D
Acq: 10 May 2018 20:37

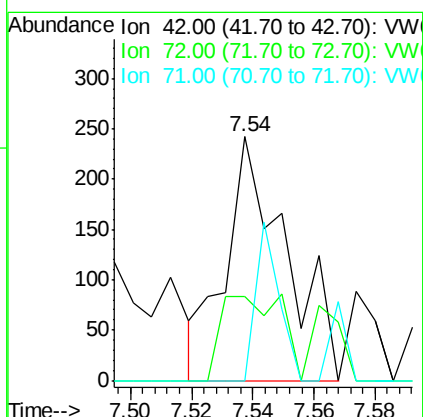
Instrument :
MSVOA_W
ClientSampleId :

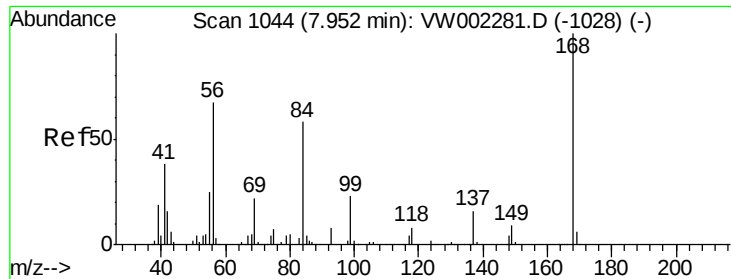
Tot Ion:	84	Resp:	8067
Ion	Ratio	Lower	Upper
84	100		
49	118.7	97.7	146.5
51	39.6	30.2	45.4
86	70.8	48.9	73.3



#29
Tetrahydrofuran
Concen: 1.35 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW002393.D
Acq: 10 May 2018 20:37

Tgt Ion:	42	Resp:	331
Ion	Ratio	Lower	Upper
42	100		
72	35.0	34.5	51.7
71	25.1	33.0	49.6#

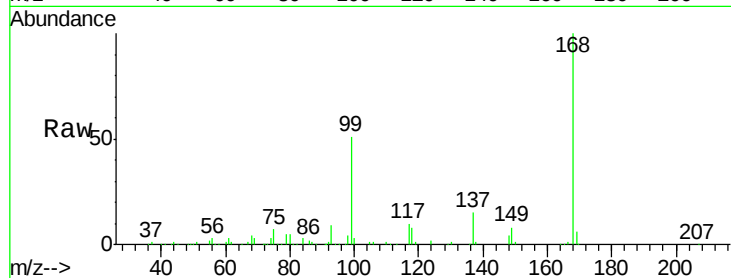




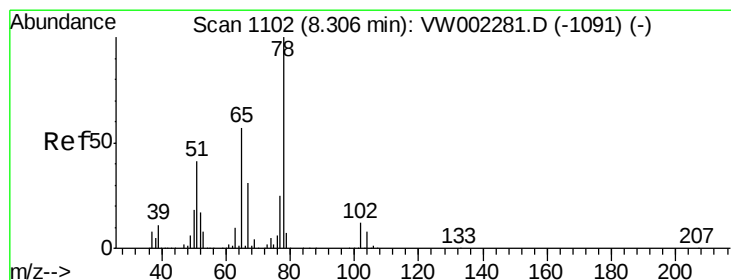
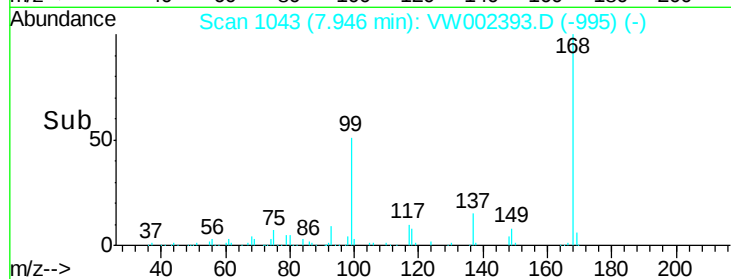
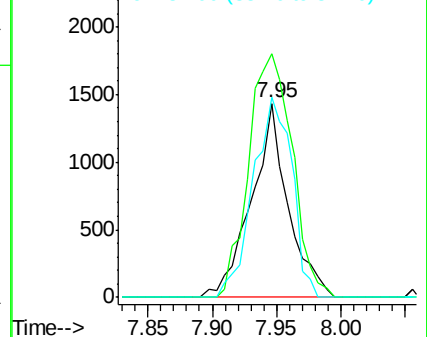
#31
Cyclohexane
Concen: 1.48 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW002393.D
Acq: 10 May 2018 20:37

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 2817
Ion Ratio Lower Upper
56 100
69 125.5 26.2 39.4#
84 103.3 69.2 103.8

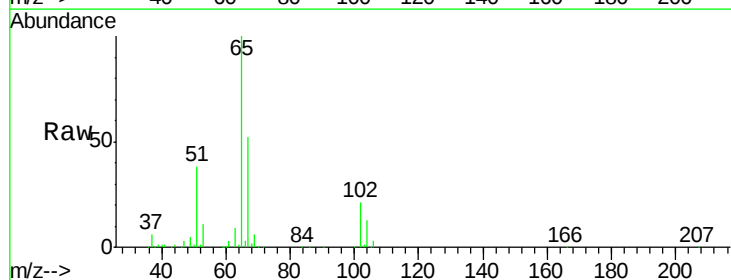


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

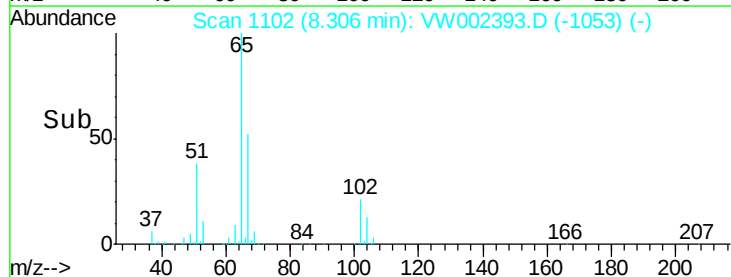
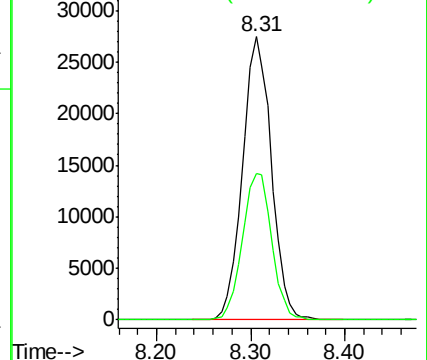


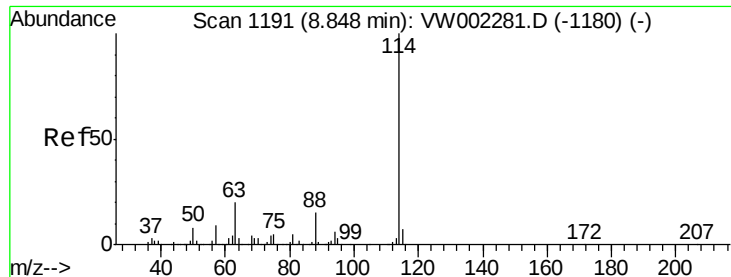
#33
1,2-Dichloroethane-d4
Concen: 45.77 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW002393.D
Acq: 10 May 2018 20:37

Tgt Ion: 65 Resp: 58805
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.2



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

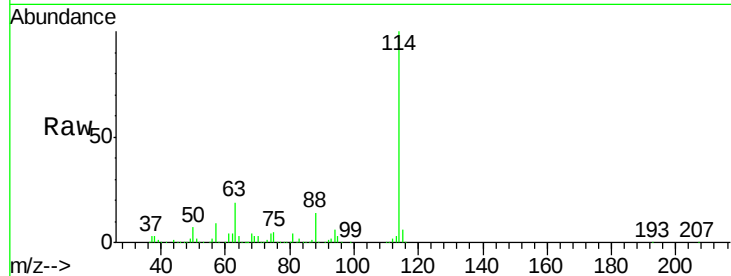




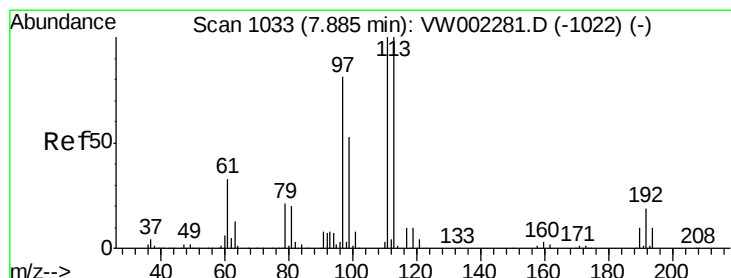
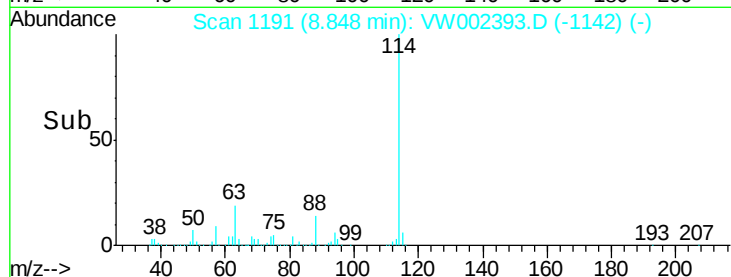
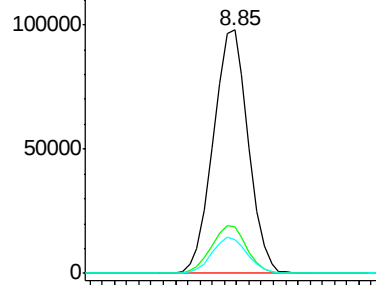
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW002393.D
 Acq: 10 May 2018 20:37

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	39.0
88	13.7	0.0	29.6

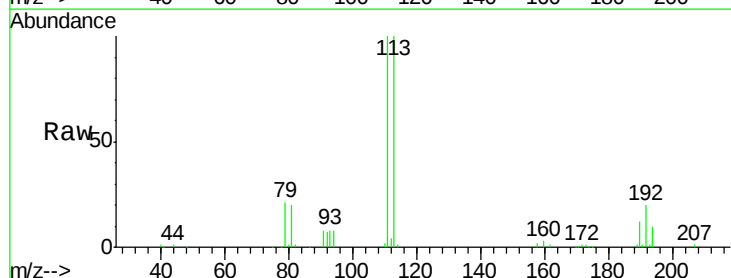


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

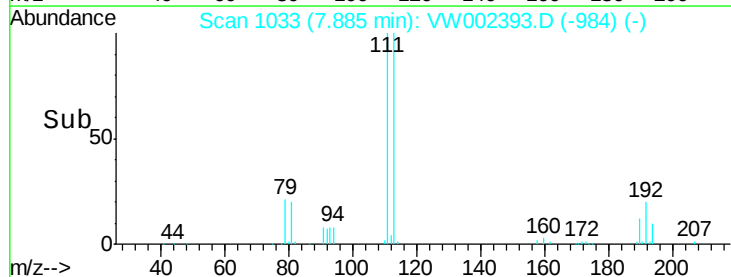
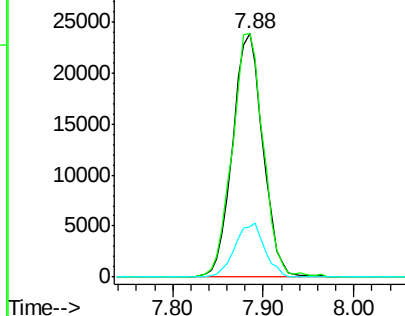


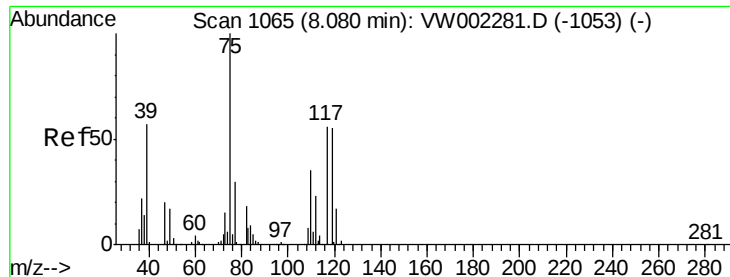
#35
 Dibromofluoromethane
 Concen: 44.37 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002393.D
 Acq: 10 May 2018 20:37

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.5	122.3
192	21.6	16.4	24.6



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: 5.00 ug/l

RT: 7.94 min Scan# 1042

Delta R.T. -0.14 min

Lab File: VW002393.D

Acq: 10 May 2018 20:37

Instrument :

MSVOA_W

ClientSampled :

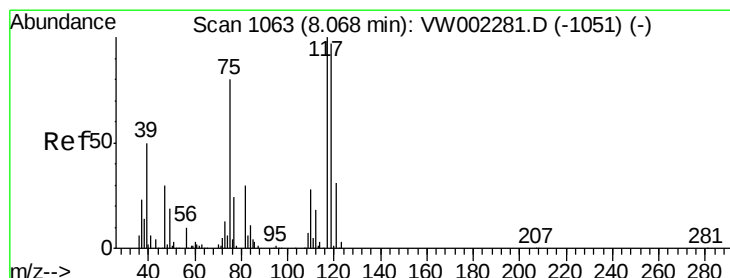
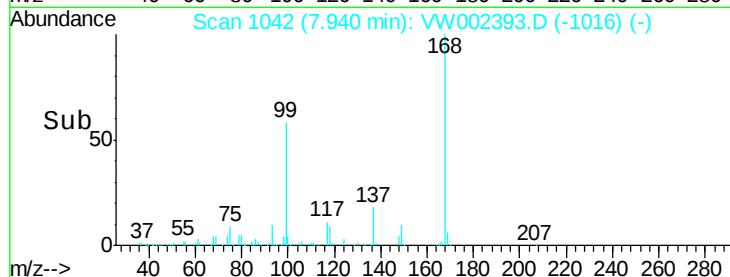
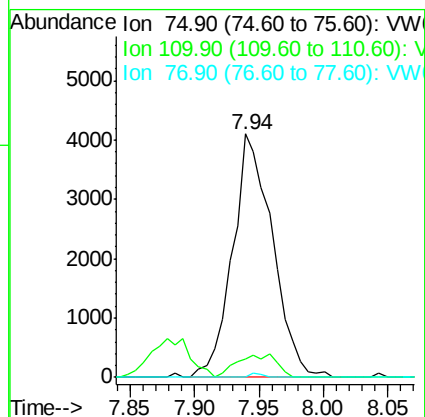
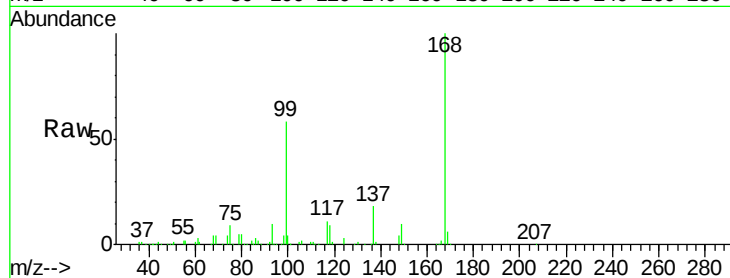
Tot Ion: 75 Resp: 8828

Ion Ratio Lower Upper

75 100

110 9.5 18.1 54.1#

77 0.5 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.88 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW002393.D

Acq: 10 May 2018 20:37

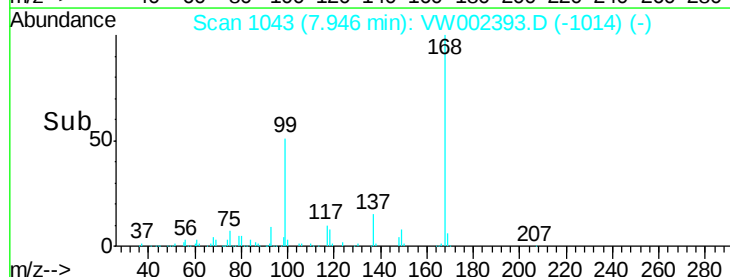
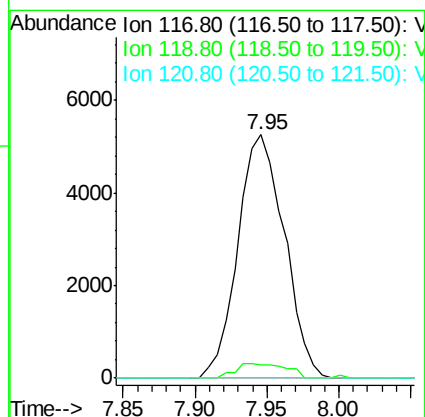
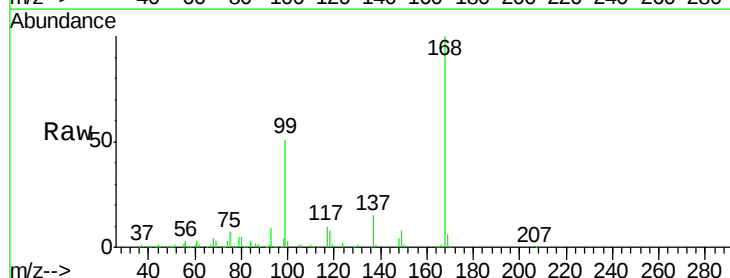
Tgt Ion: 117 Resp: 11743

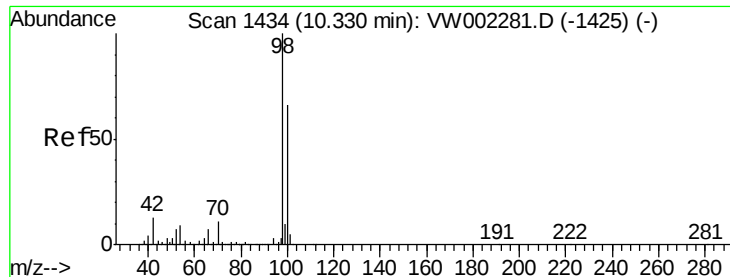
Ion Ratio Lower Upper

117 100

119 5.5 77.5 116.3#

121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 34.50 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002393.D

Acq: 10 May 2018 20:37

Instrument :

MSVOA_W

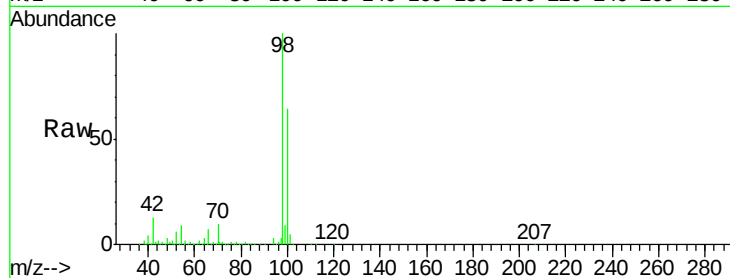
ClientSampleId :

Tot Ion: 98 Resp: 164470

Ion Ratio Lower Upper

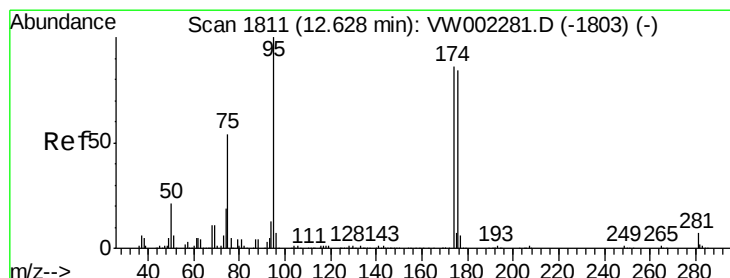
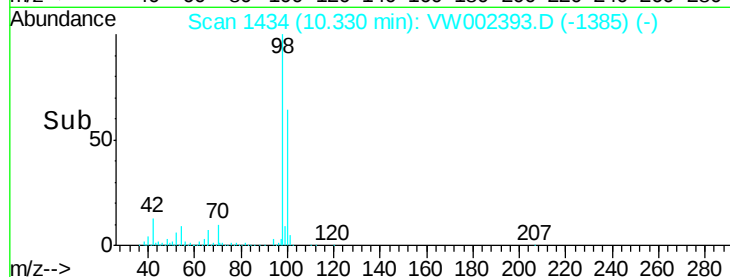
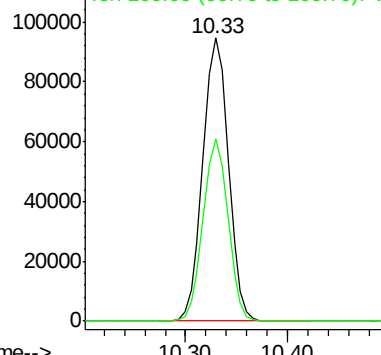
98 100

100 62.7 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 23.02 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002393.D

Acq: 10 May 2018 20:37

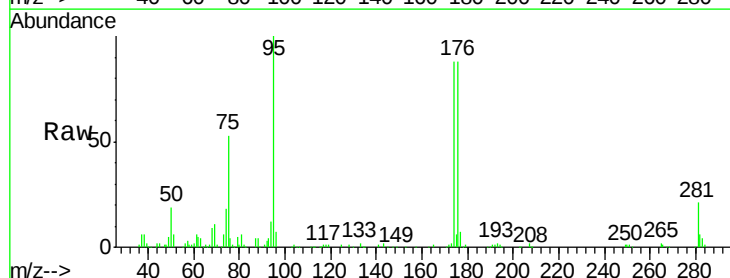
Tgt Ion: 95 Resp: 39658

Ion Ratio Lower Upper

95 100

174 90.8 0.0 176.8

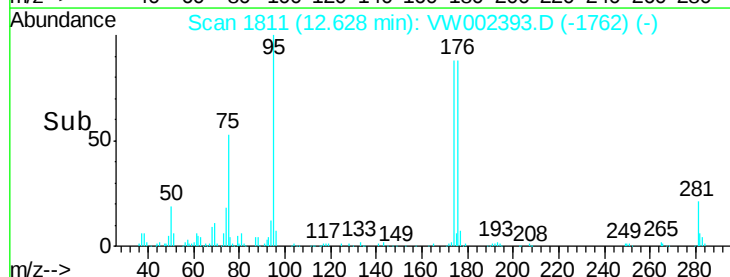
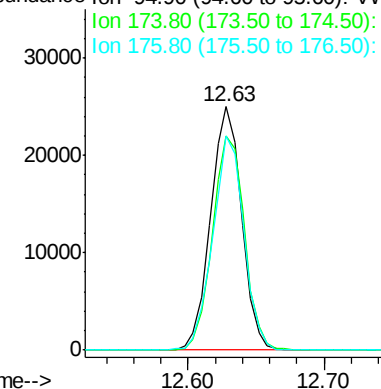
176 88.4 0.0 170.4

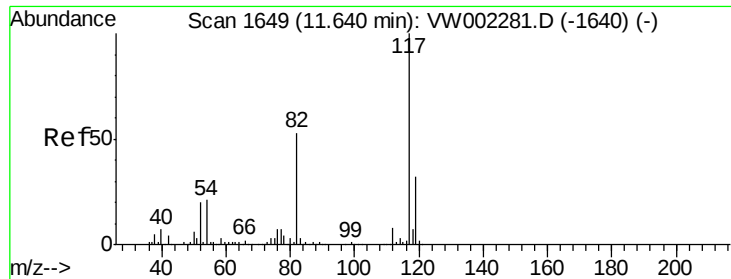


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

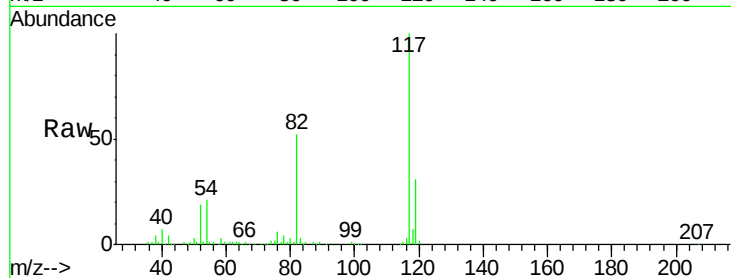




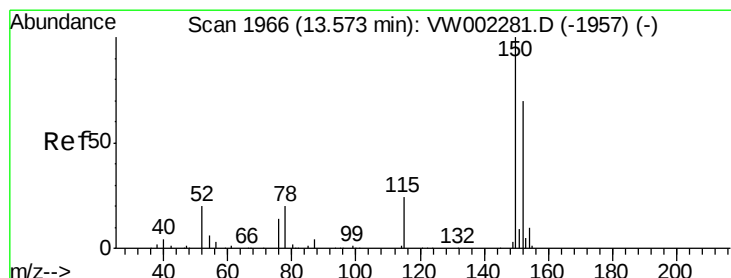
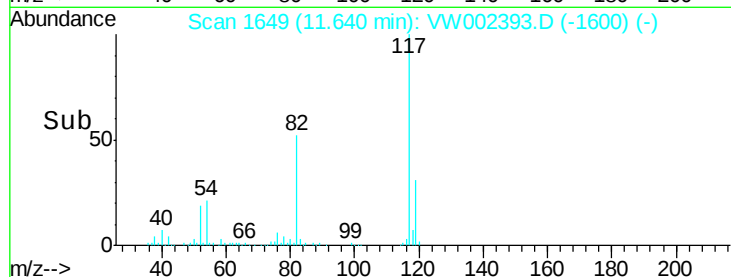
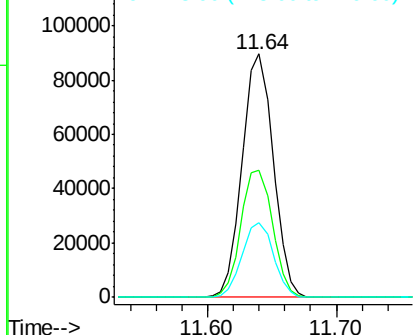
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002393.D
Acq: 10 May 2018 20:37

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 149756
Ion Ratio Lower Upper
117 100
82 52.1 42.6 63.8
119 30.9 25.2 37.8

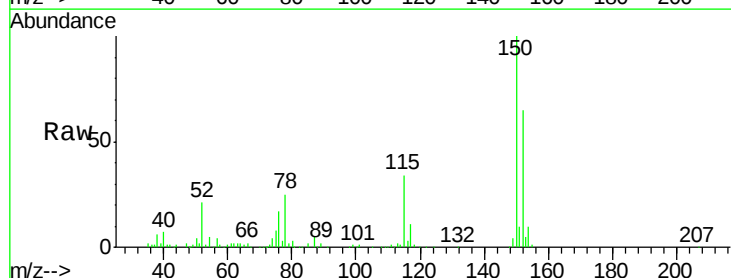


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

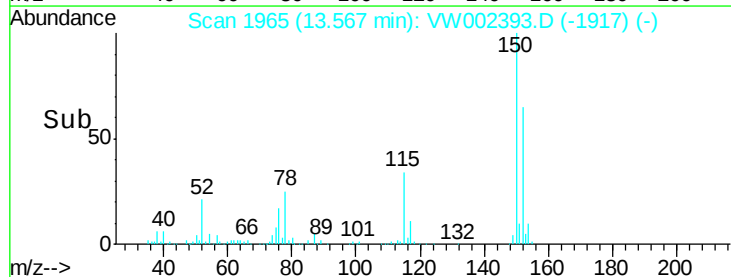
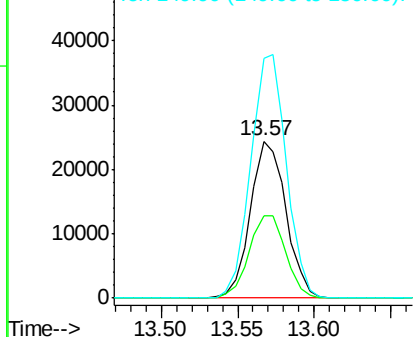


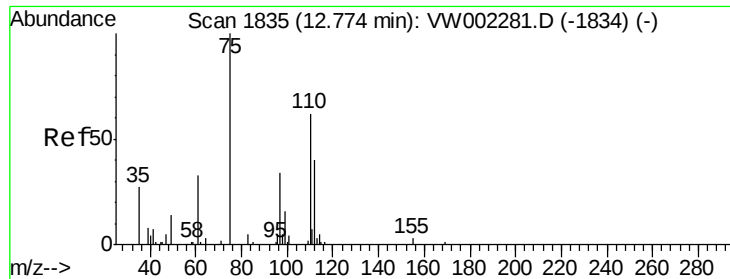
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.01 min
Lab File: VW002393.D
Acq: 10 May 2018 20:37

Tgt Ion:152 Resp: 39362
Ion Ratio Lower Upper
152 100
115 54.5 28.5 85.5
150 155.8 0.0 342.6



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

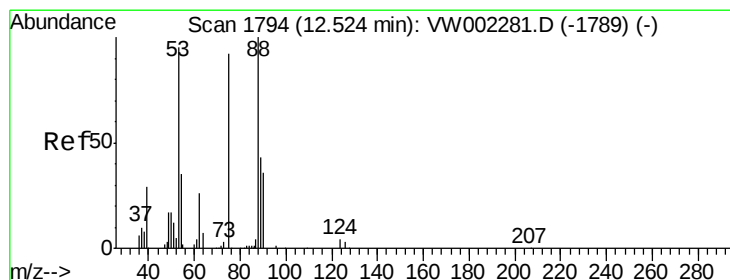
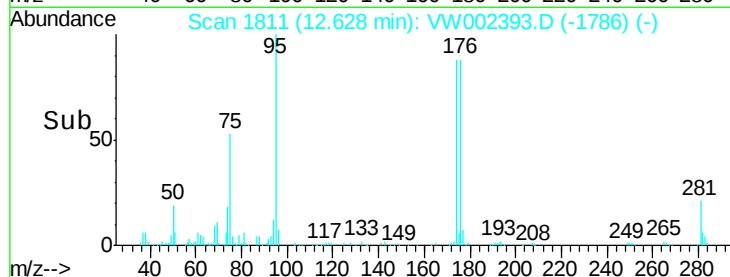
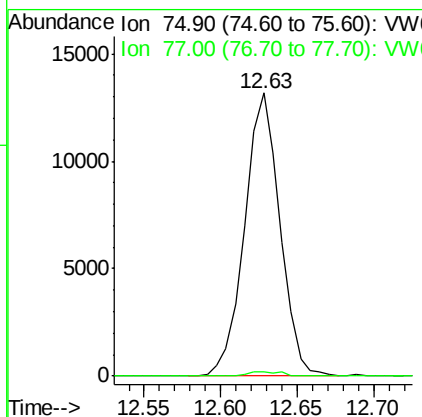
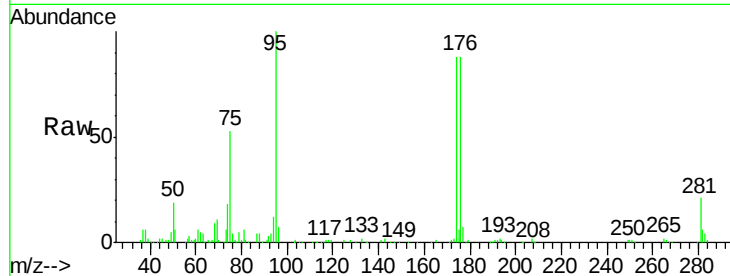




#76
 1,2,3-Trichloropropane
 Concen: 60.48 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.15 min
 Lab File: VW002393.D
 Acq: 10 May 2018 20:37

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 75 Resp: 21111
 Ion Ratio Lower Upper
 75 100
 77 1.5 187.5 562.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 159.32 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.10 min
 Lab File: VW002393.D
 Acq: 10 May 2018 20:37

Tgt Ion: 75 Resp: 21111
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.9 119.9#
 89 0.6 37.6 56.4#

