

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082119\
 Data File : VW012085.D
 Acq On : 21 Aug 2019 22:02
 Operator : SY/VA
 Sample : K4403-06
 Misc : 6.05G/5ML/MSVOA_W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-H1-(2.5)

Quant Time: Aug 22 05:19:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

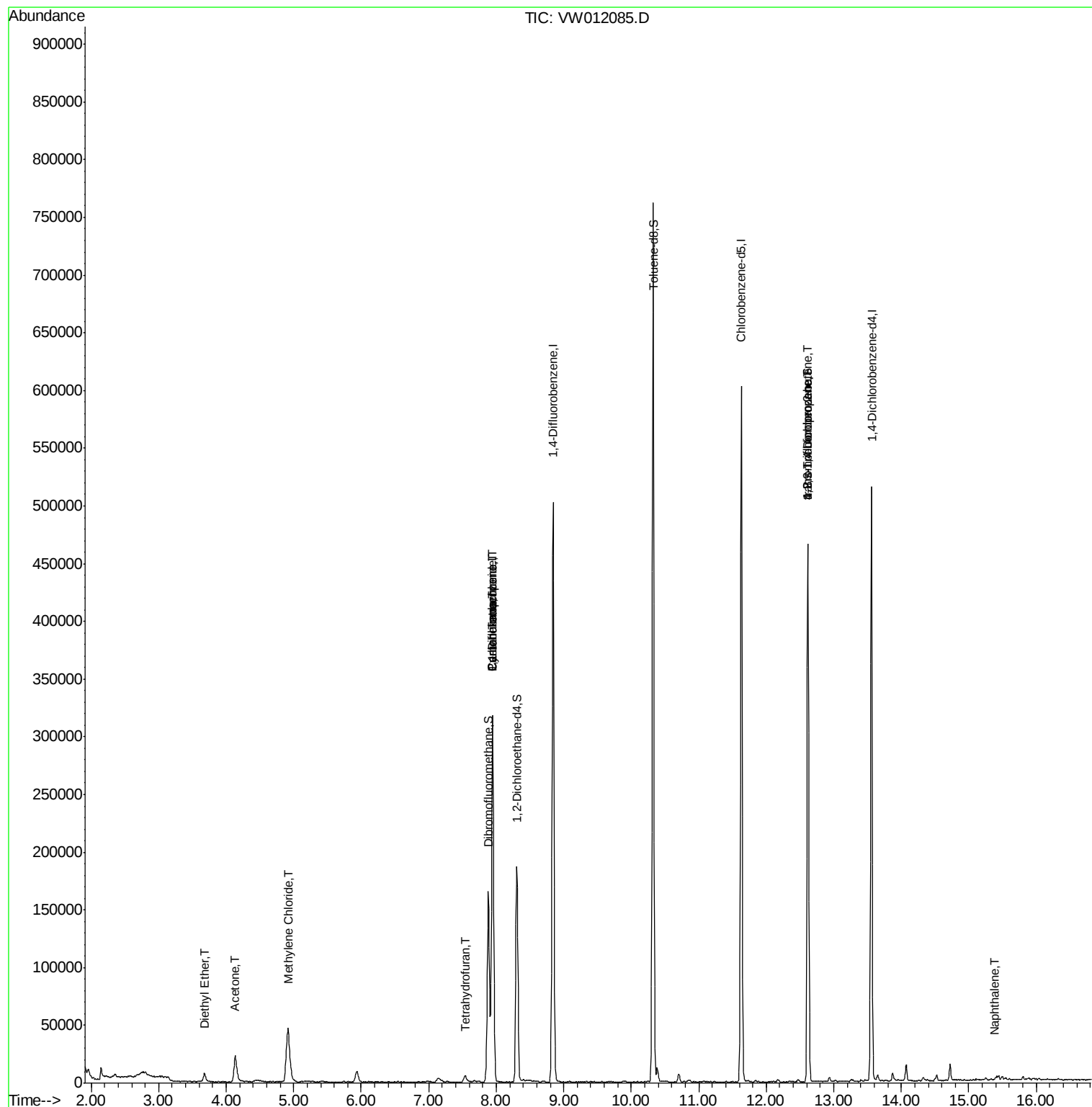
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	231055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	388599	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	320323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	130042	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	147952	55.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.52%	
35) Dibromofluoromethane	7.88	113	117565	53.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.86%	
50) Toluene-d8	10.32	98	470741	52.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.48%	
62) 4-Bromofluorobenzene	12.62	95	150365	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	
Target Compounds						
8) Diethyl Ether	3.67	74	3779	2.774	ug/l	81
11) Tert butyl alcohol	5.18	59	381	Below Cal	#	91
16) Acetone	4.14	43	44424	52.637	ug/l	95
20) Methylene Chloride	4.92	84	37264	12.803	ug/l	97
29) Tetrahydrofuran	7.54	42	5274	8.355	ug/l	100
31) Cyclohexane	7.95	56	5749	1.159	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	19944	4.936	ug/l #	51
38) Carbon Tetrachloride	7.95	117	23089	6.675	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	80213	58.295	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	80213	134.349	ug/l #	6
95) Naphthalene	15.37	128	406	2.142	ug/l #	91

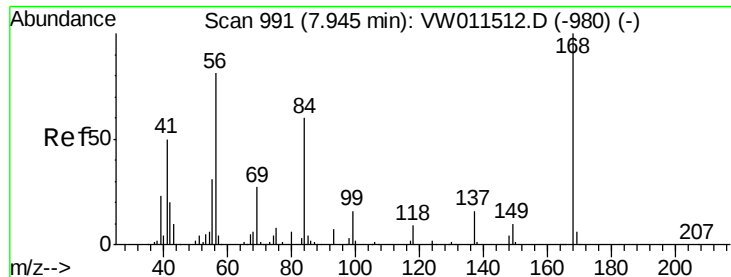
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082119\
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QLast Update : Sat Jul 27 00:23:30 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: VW012085.D

Acq: 21 Aug 2019 22:02

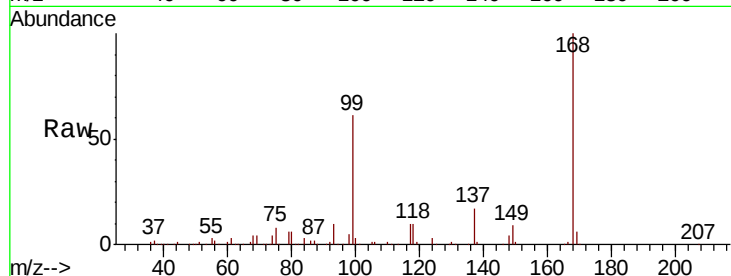
Instrument :
MSVOA_W
ClientSampleId :
T1-H1-(2.5)

Tgt Ion: 168 Resp: 231055

Ion Ratio Lower Upper

168 100

99 60.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

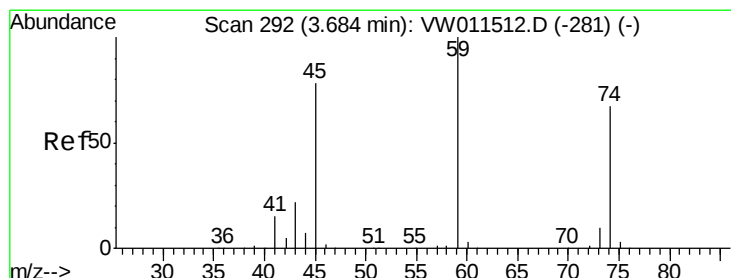
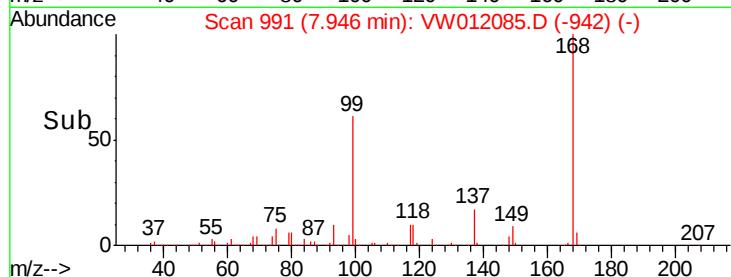
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 2.774 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW012085.D

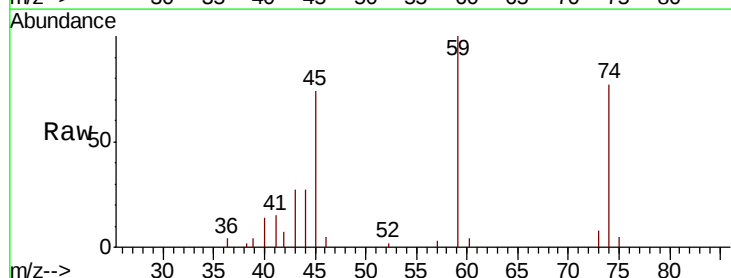
Acq: 21 Aug 2019 22:02

Tgt Ion: 74 Resp: 3779

Ion Ratio Lower Upper

74 100

45 139.8 59.6 178.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

2000

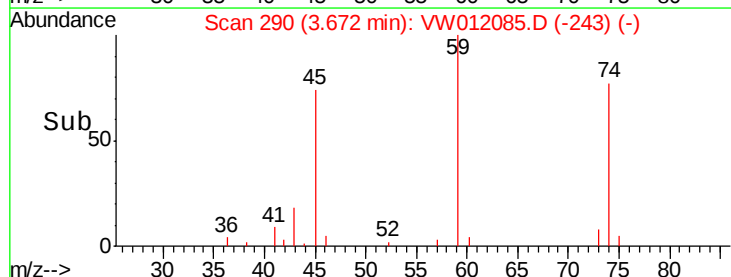
1500

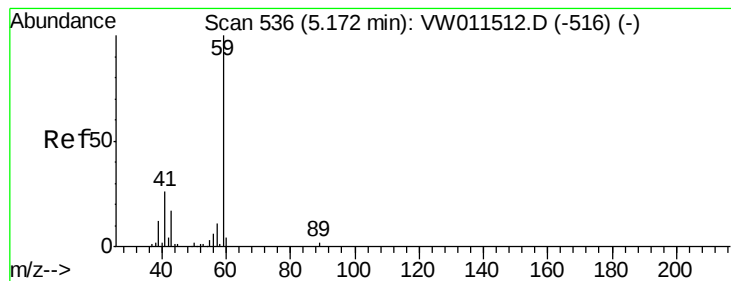
1000

500

0

Time-->



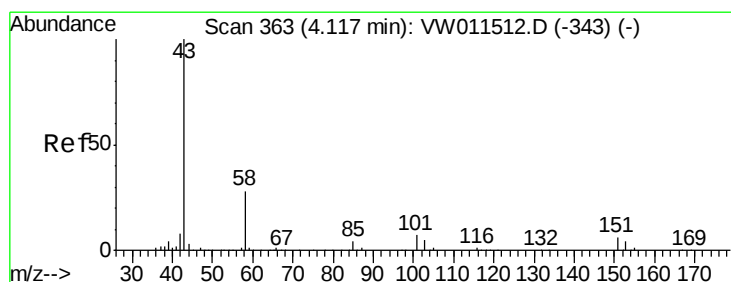
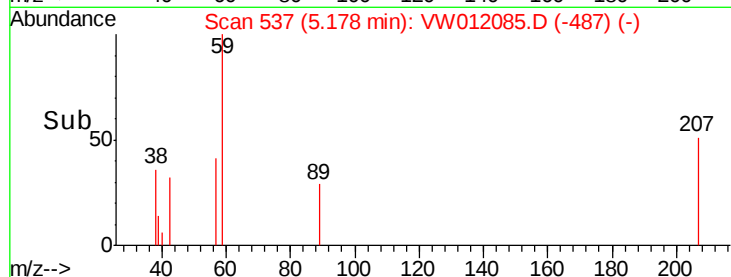
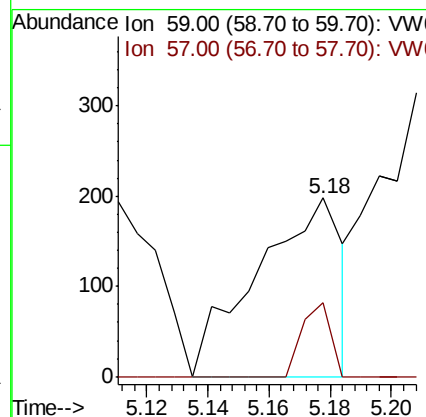
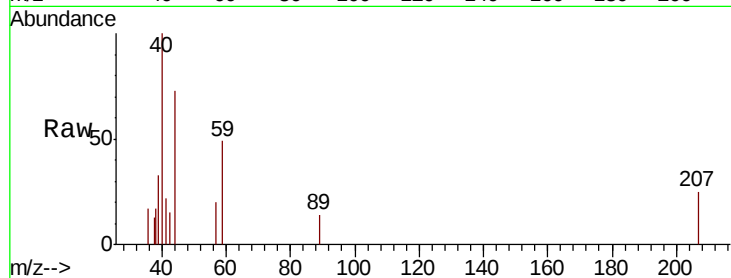


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW012085.D
 Acq: 21 Aug 2019 22:02

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-H1-(2.5)

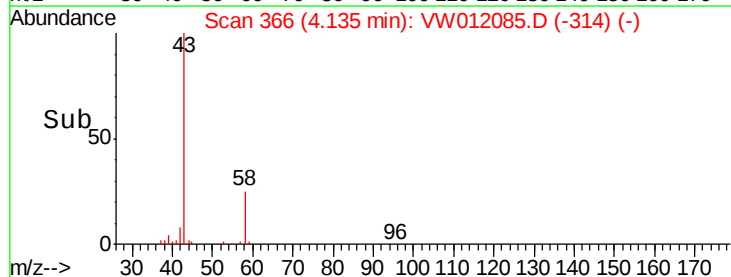
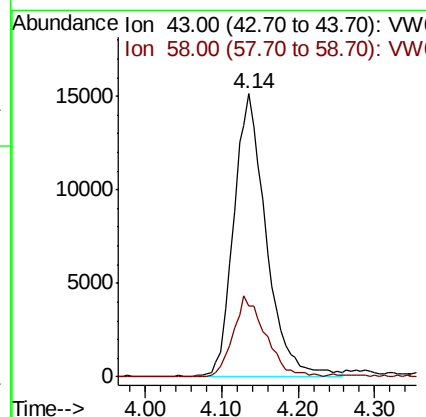
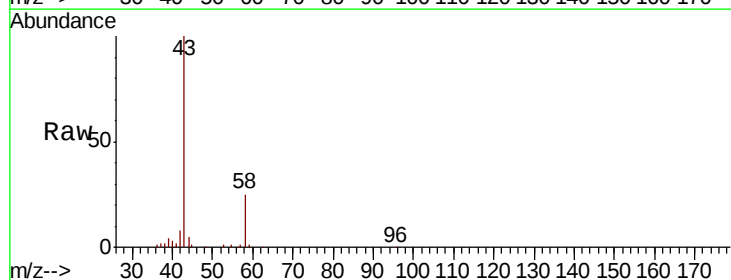
Tgt Ion: 59 Resp: 381
 Ion Ratio Lower Upper
 59 100
 57 13.9 8.5 12.7#

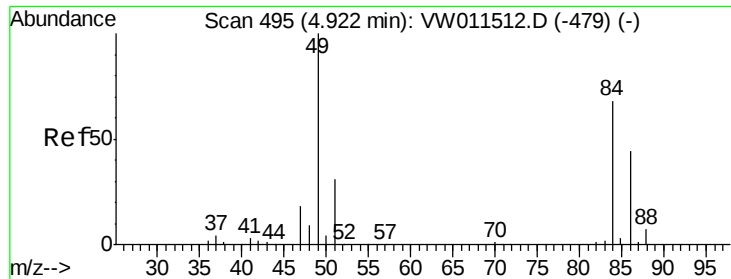


#16

Acetone
 Concen: 52.637 ug/l
 RT: 4.14 min Scan# 366
 Delta R.T. 0.02 min
 Lab File: VW012085.D
 Acq: 21 Aug 2019 22:02

Tgt Ion: 43 Resp: 44424
 Ion Ratio Lower Upper
 43 100
 58 25.1 22.3 33.5

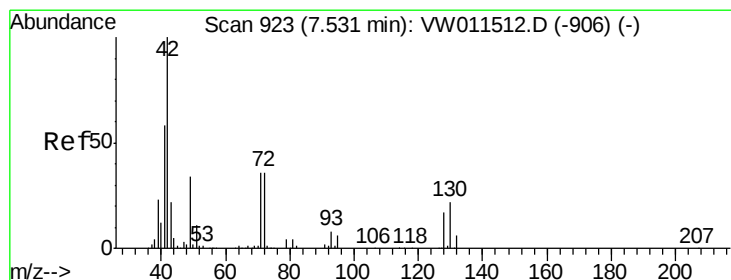
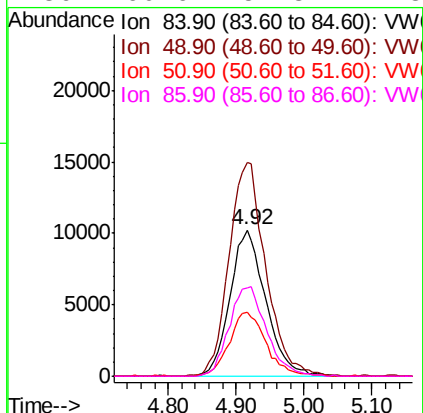
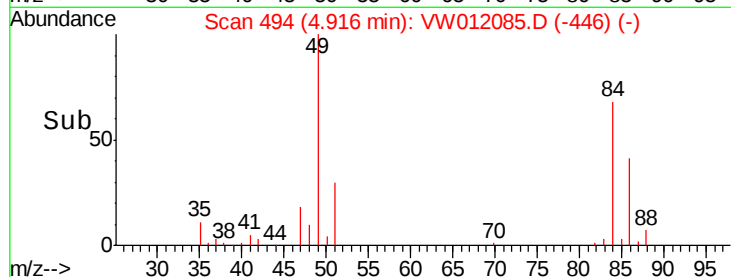
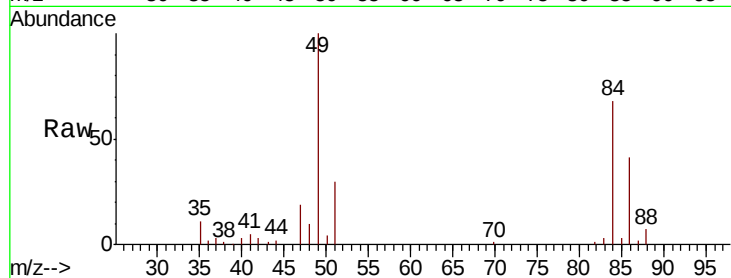




#20
Methylene Chloride
Concen: 12.803 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012085.D
Acq: 21 Aug 2019 22:02

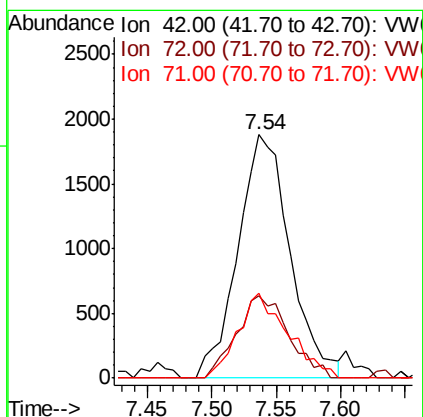
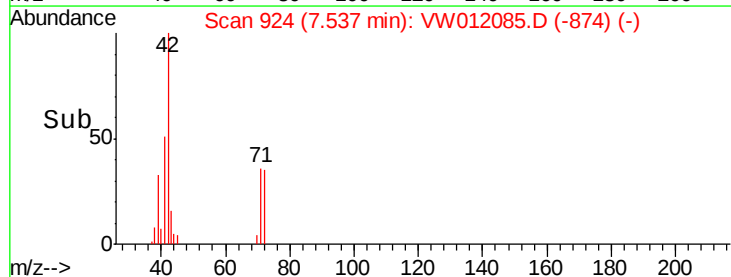
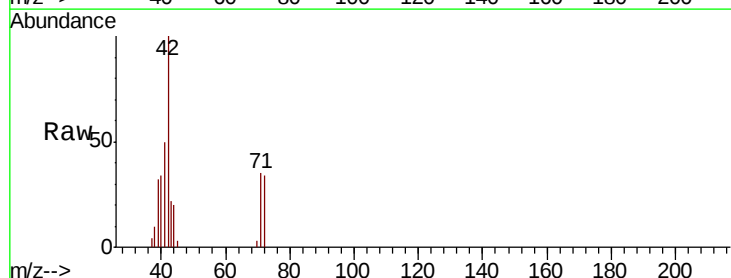
Instrument :
MSVOA_W
ClientSampleId :
T1-H1-(2.5)

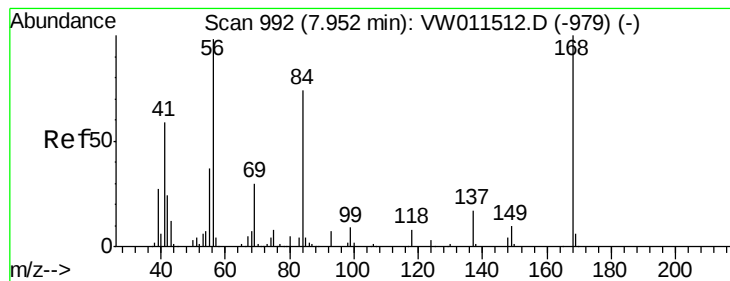
Tgt Ion:	84	Resp:	37264
Ion	Ratio	Lower	Upper
84	100		
49	145.6	117.8	176.6
51	43.6	37.0	55.4
86	60.6	51.8	77.8



#29
Tetrahydrofuran
Concen: 8.355 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012085.D
Acq: 21 Aug 2019 22:02

Tgt Ion:	42	Resp:	5274
Ion	Ratio	Lower	Upper
42	100		
72	33.9	27.1	40.7
71	33.3	26.2	39.4





#31

Cyclohexane

Concen: 1.159 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW012085.D

Acq: 21 Aug 2019 22:02

Instrument :

MSVOA_W

ClientSampleId :

T1-H1-(2.5)

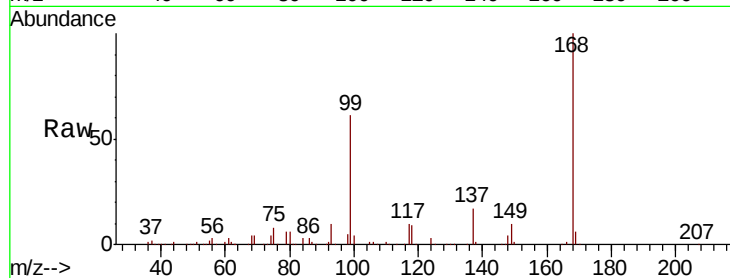
Tgt Ion: 56 Resp: 5749

Ion Ratio Lower Upper

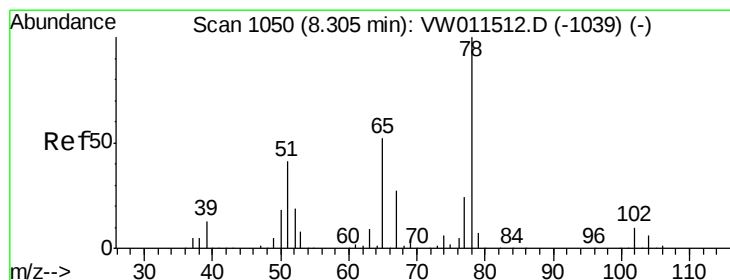
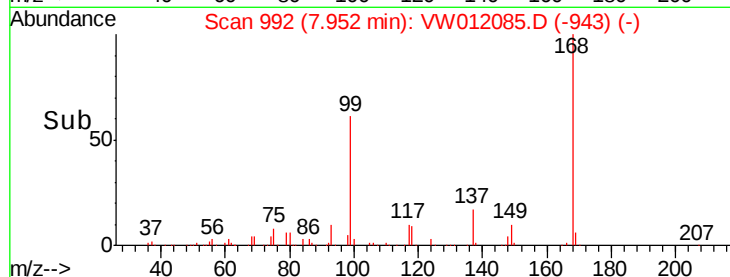
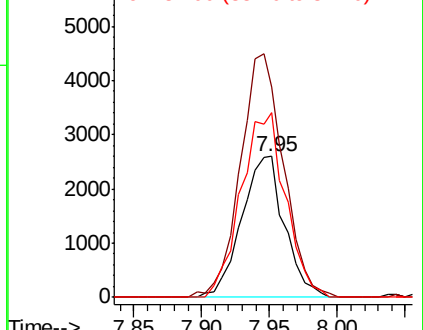
56 100

69 148.9 24.3 36.5#

84 130.6 60.4 90.6#



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: 55.765 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012085.D

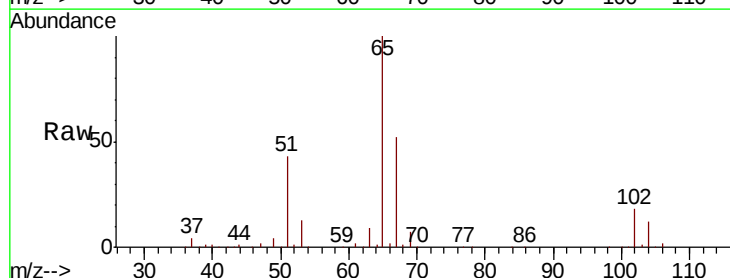
Acq: 21 Aug 2019 22:02

Tgt Ion: 65 Resp: 147952

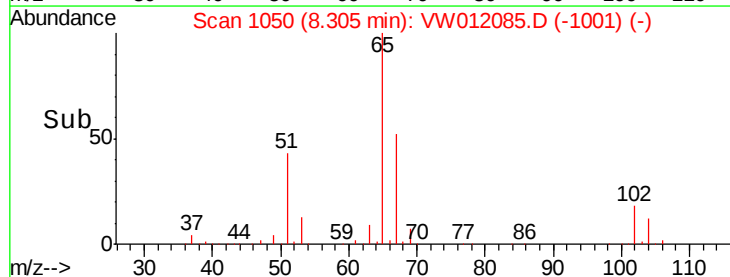
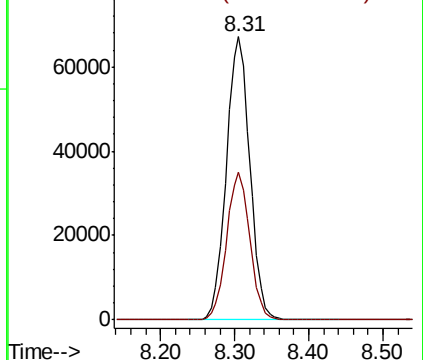
Ion Ratio Lower Upper

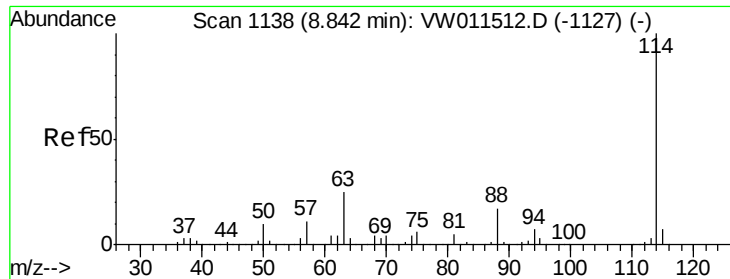
65 100

67 51.6 0.0 105.2



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

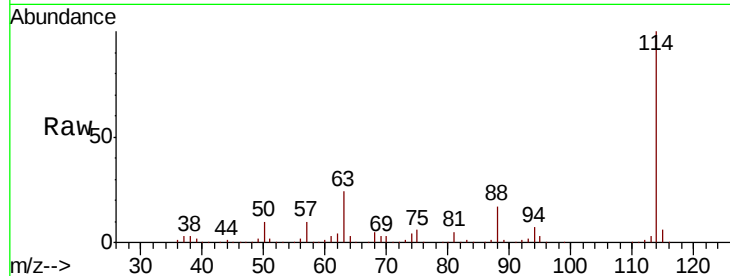




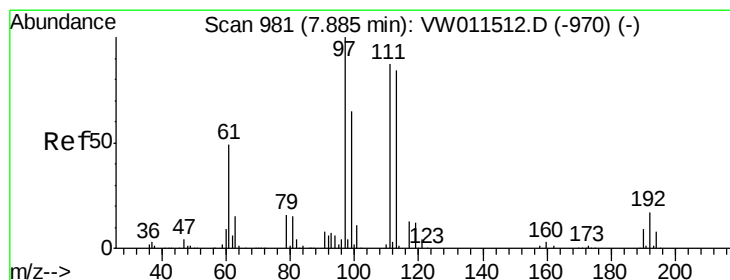
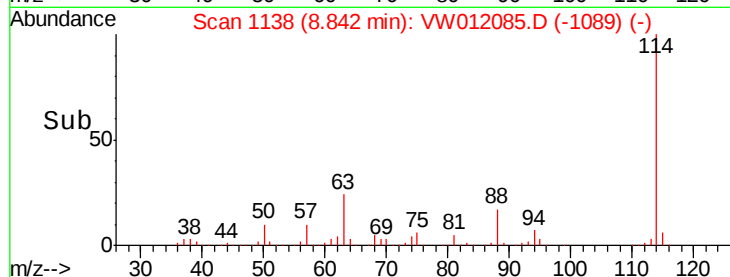
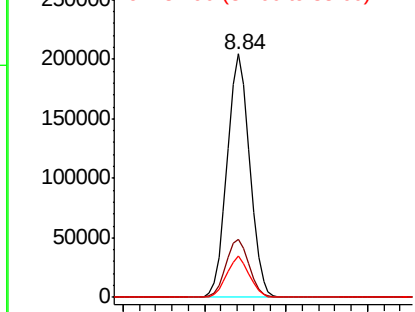
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012085.D
 Acq: 21 Aug 2019 22:02

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-H1-(2.5)

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	388599		
63	23.6		0.0	49.2
88	17.0		0.0	33.8

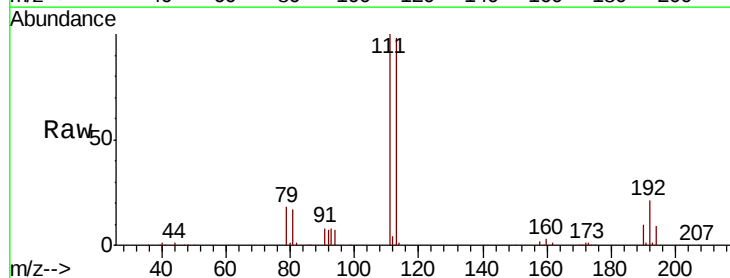


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

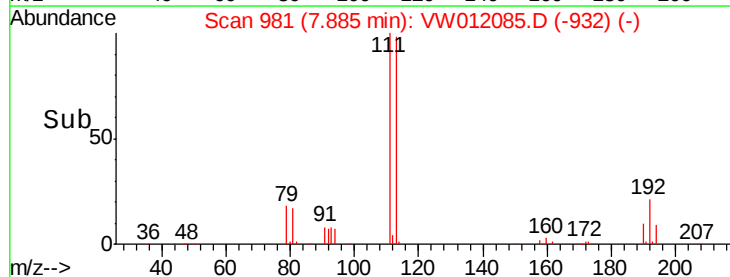
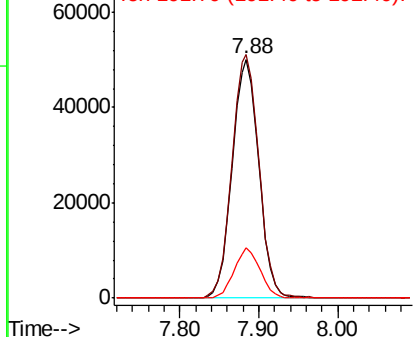


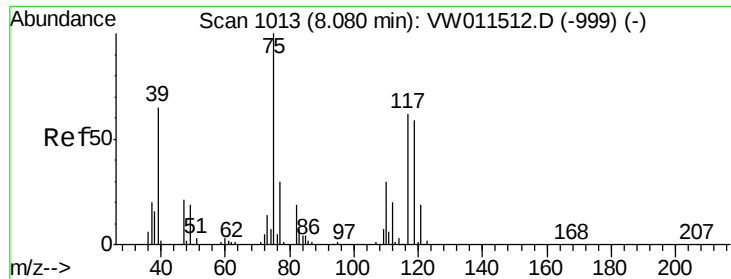
#35
 Dibromofluoromethane
 Concen: 53.926 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012085.D
 Acq: 21 Aug 2019 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	117565		
111	103.1		82.7	124.1
192	20.5		16.1	24.1



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

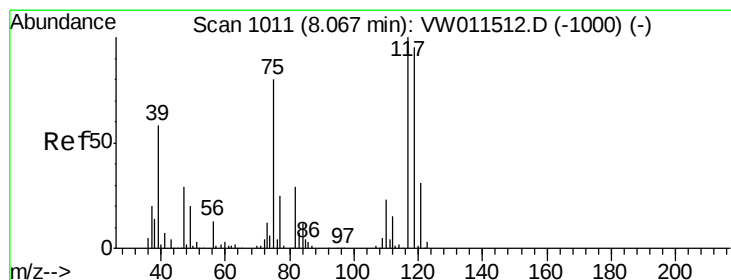
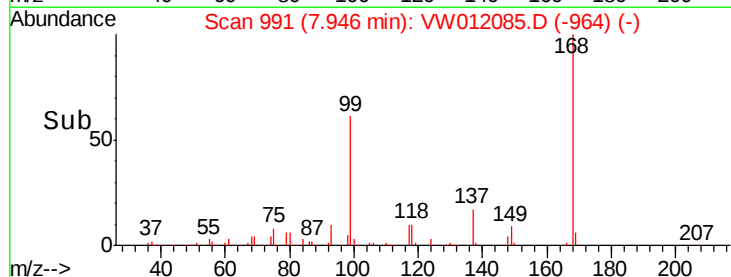
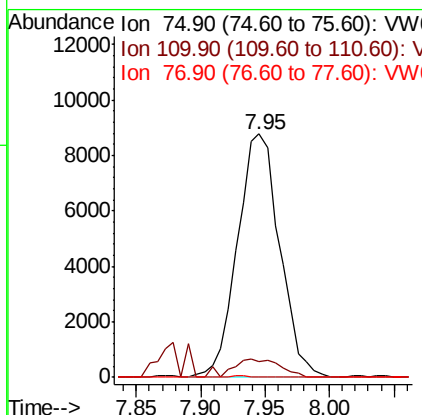
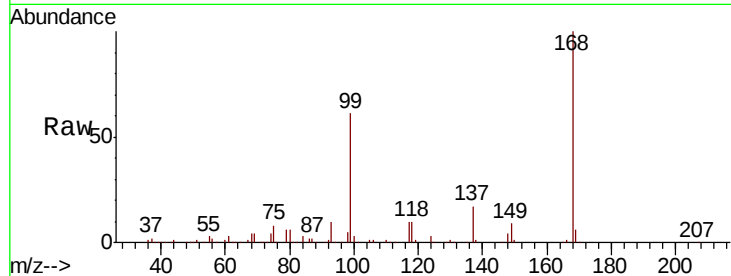




#36
 1,1-Dichloropropene
 Concen: 4.936 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012085.D
 Acq: 21 Aug 2019 22:02

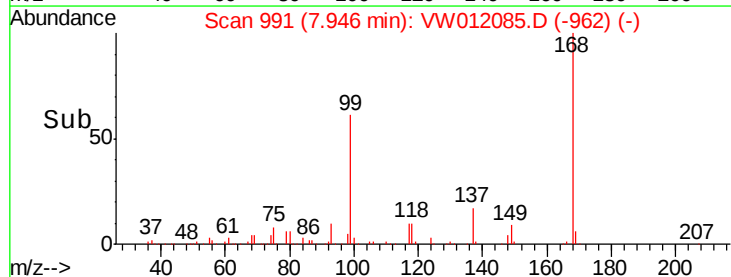
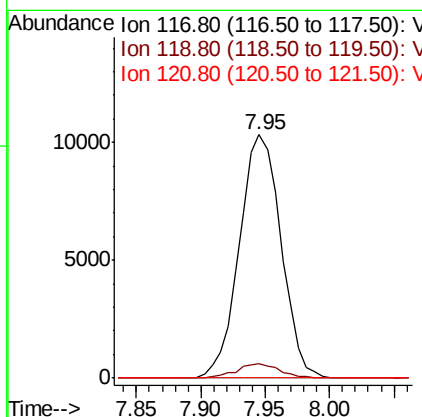
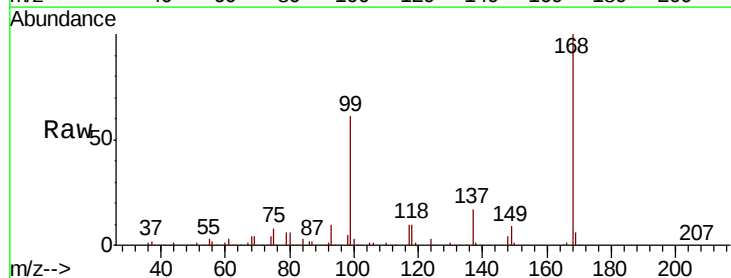
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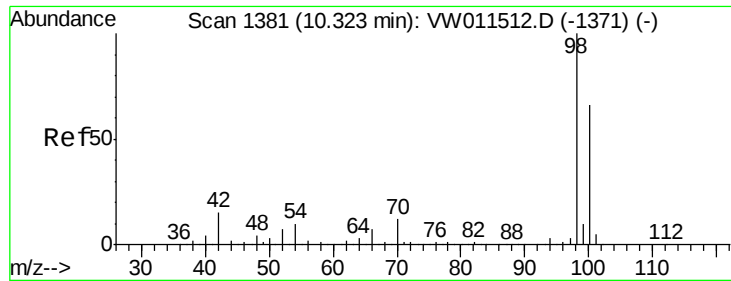
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.0	15.6	46.8#
77	0.2	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 6.675 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW012085.D
 Acq: 21 Aug 2019 22:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.9	75.8	113.6#
121	0.0	24.7	37.1#

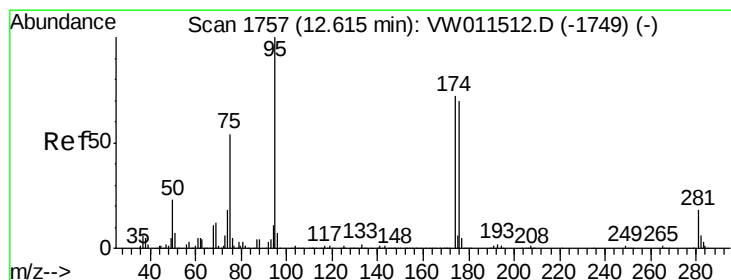
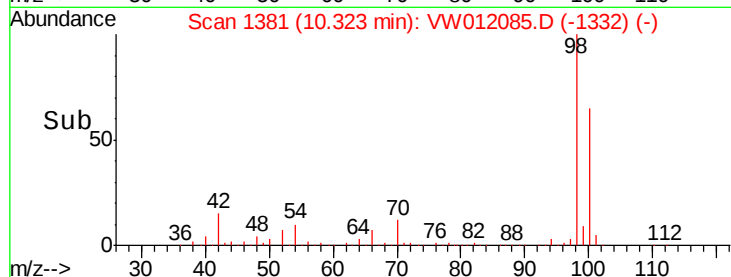
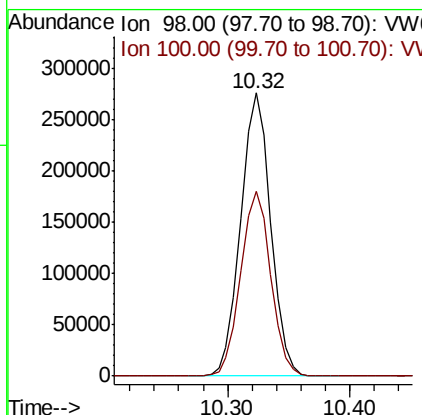
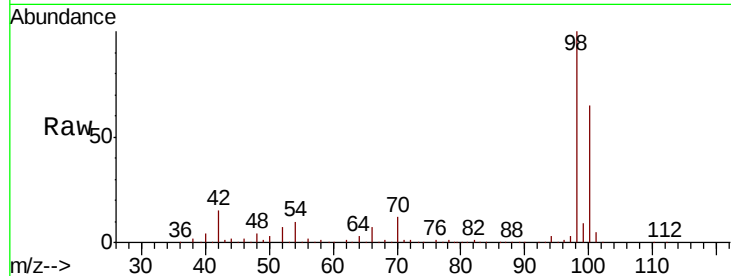




#50
Toluene-d8
Concen: 52.738 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012085.D
Acq: 21 Aug 2019 22:02

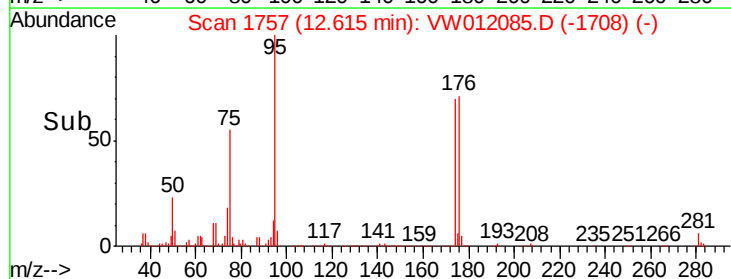
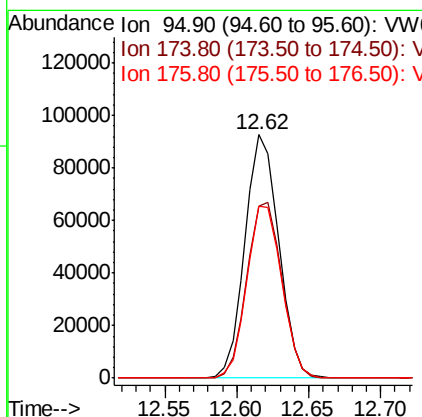
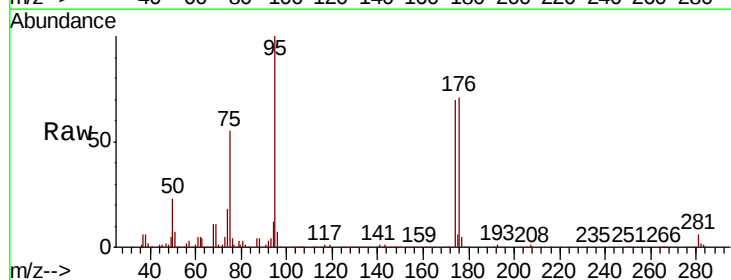
Instrument :
MSVOA_W
ClientSampleId :
T1-H1-(2.5)

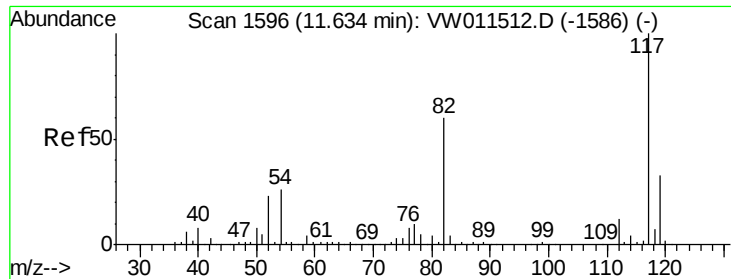
Tgt Ion: 98 Resp: 470741
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 47.250 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012085.D
Acq: 21 Aug 2019 22:02

Tgt Ion: 95 Resp: 150365
Ion Ratio Lower Upper
95 100
174 75.0 0.0 150.2
176 73.0 0.0 144.4

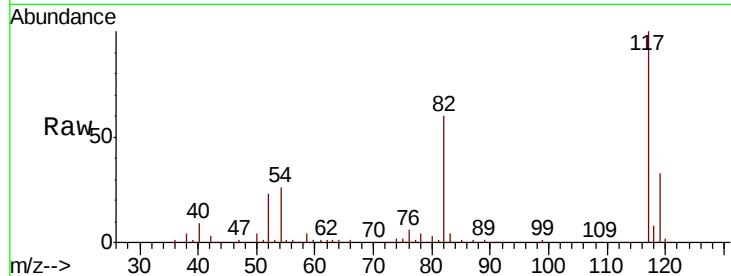




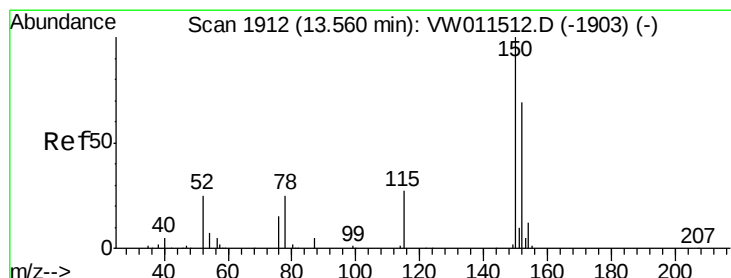
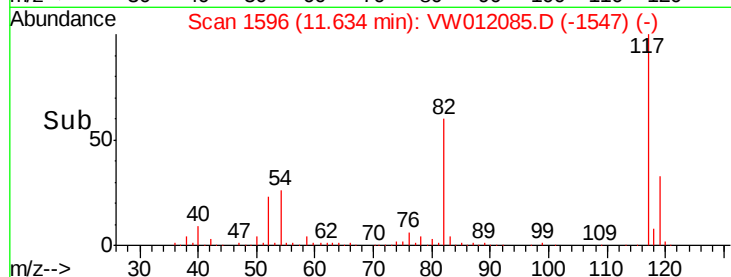
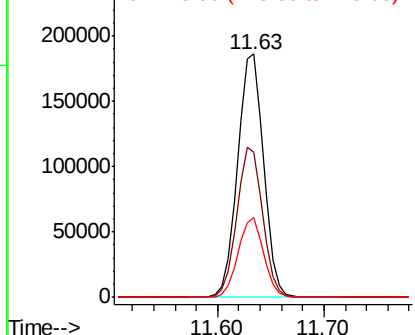
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW012085.D
Acq: 21 Aug 2019 22:02

Instrument :
MSVOA_W
ClientSampleId :
T1-H1-(2.5)

Tgt Ion:117 Resp: 320323
Ion Ratio Lower Upper
117 100
82 59.8 47.9 71.9
119 33.0 26.2 39.2

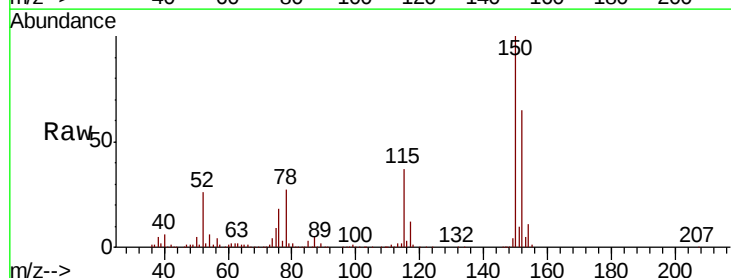


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV
Ion 118.90 (118.60 to 119.60): V

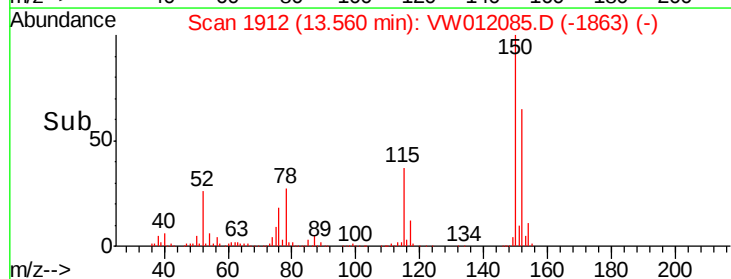
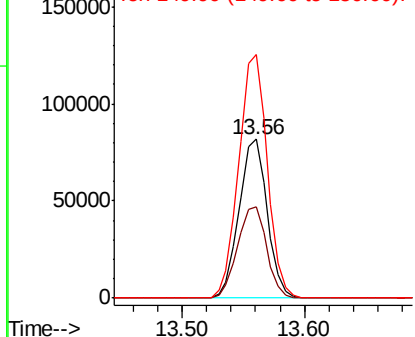


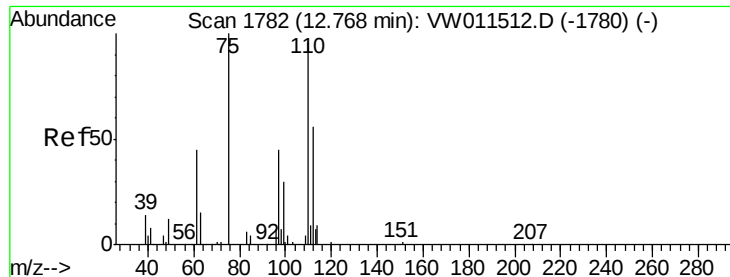
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012085.D
Acq: 21 Aug 2019 22:02

Tgt Ion:152 Resp: 130042
Ion Ratio Lower Upper
152 100
115 59.5 30.5 91.5
150 155.9 0.0 352.6



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: 58.295 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012085.D

Acq: 21 Aug 2019 22:02

Instrument :

MSVOA_W

ClientSampleId :

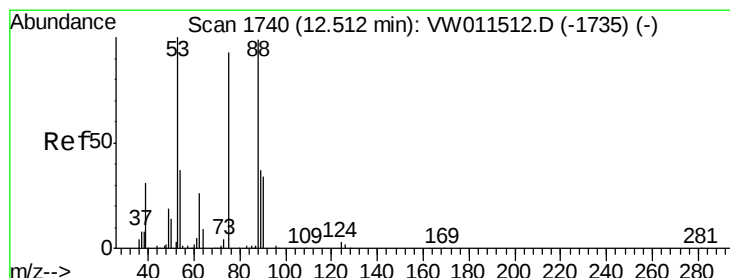
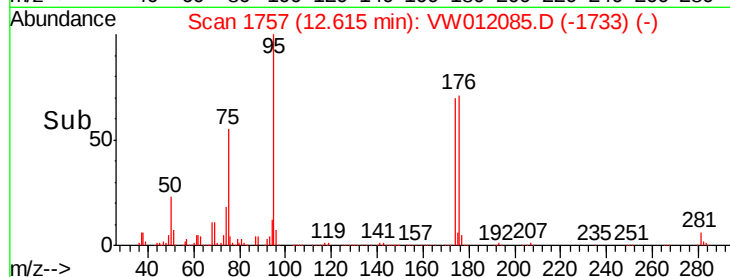
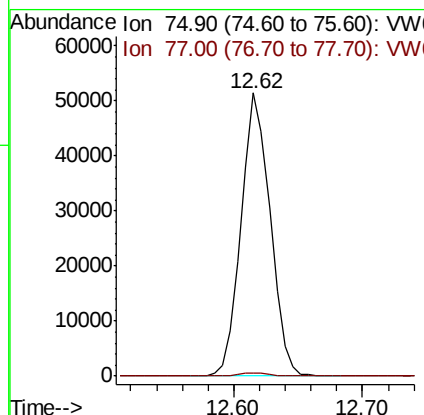
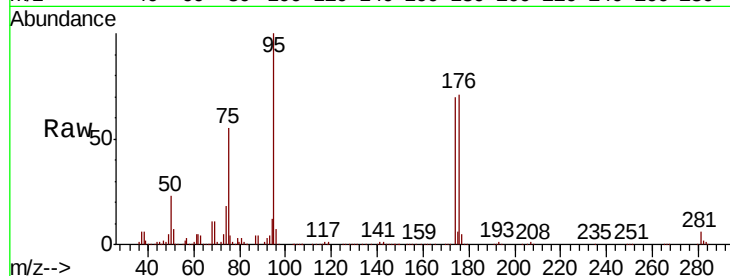
T1-H1-(2.5)

Tgt Ion: 75 Resp: 80213

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 134.349 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012085.D

Acq: 21 Aug 2019 22:02

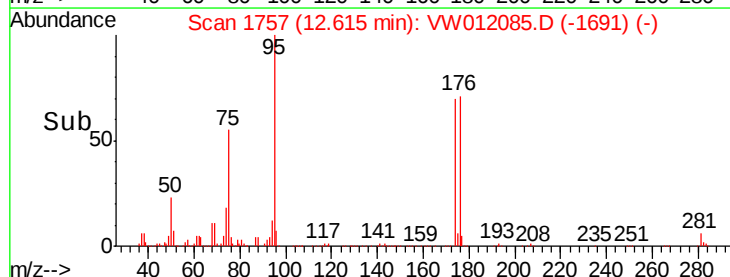
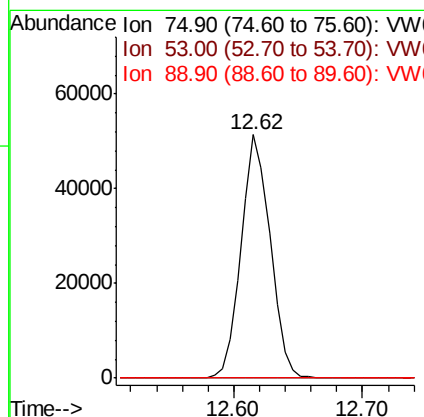
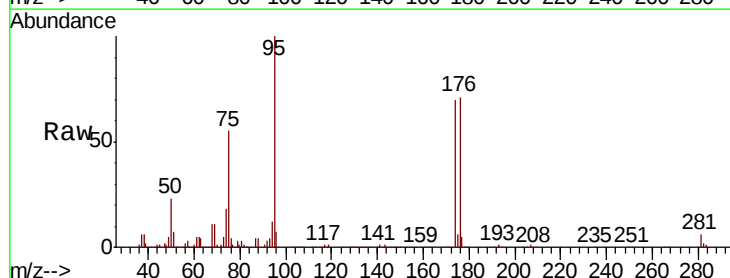
Tgt Ion: 75 Resp: 80213

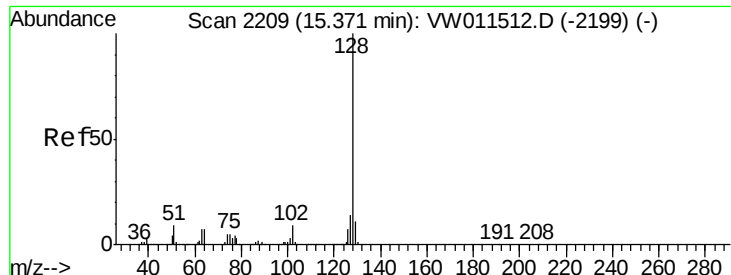
Ion Ratio Lower Upper

75 100

53 0.1 88.0 132.0#

89 0.1 35.3 52.9#





#95
Naphthalene
Concen: 2.142 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW012085.D
Acq: 21 Aug 2019 22:02

Instrument :
MSVOA_W
ClientSampleId :
T1-H1-(2.5)

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.6	16.0
129	4.7	8.6	13.0

