

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013697.D
 Acq On : 24 Oct 2019 05:42
 Operator : SY/VA
 Sample : K5502-20
 Misc : 4.24G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 24 07:33:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

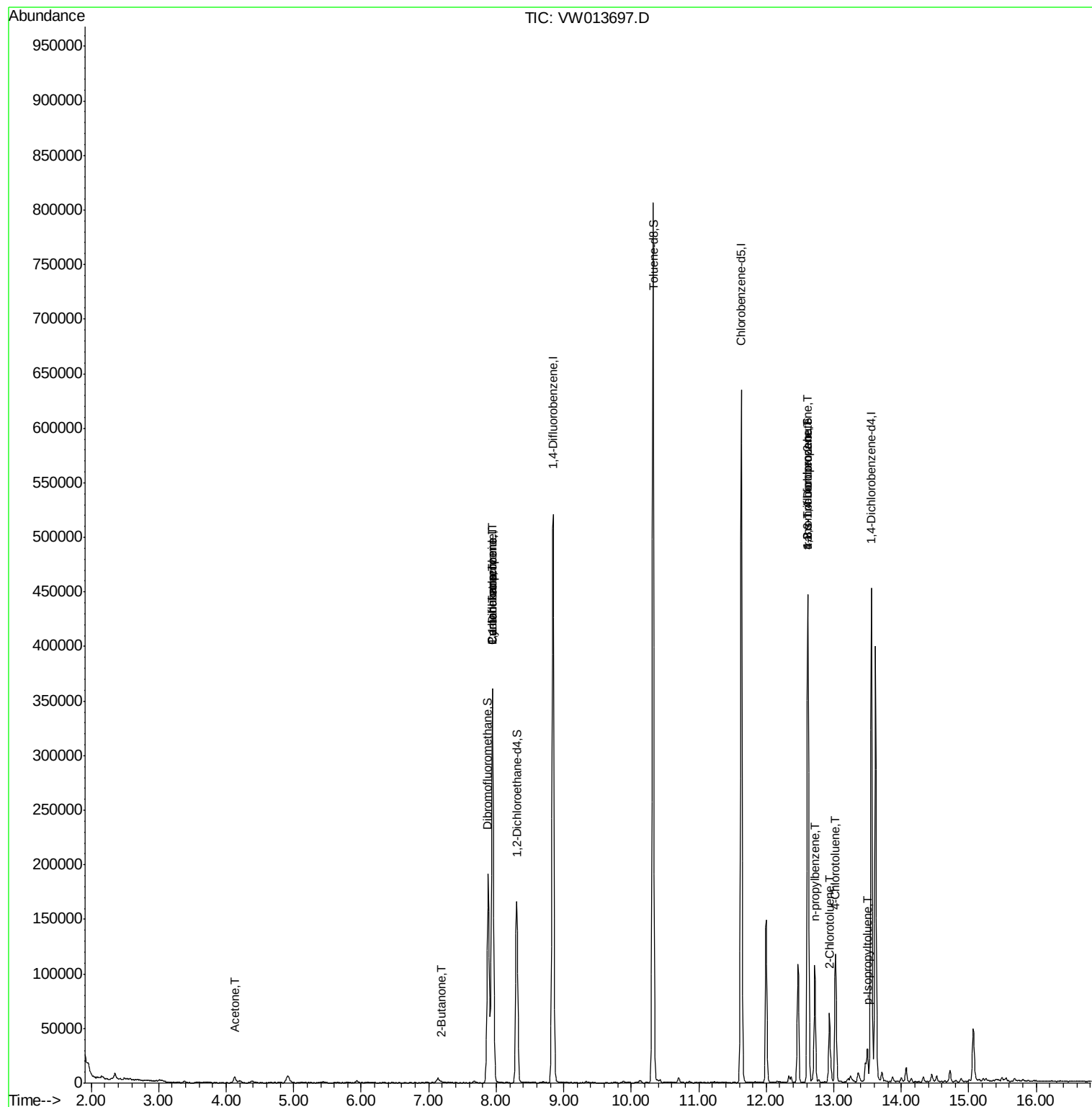
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	301240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	464847	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	371508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	129933	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	130985	57.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.92%	
35) Dibromofluoromethane	7.88	113	135378	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
50) Toluene-d8	10.32	98	534499	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	12.62	95	146609	41.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.28%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	10234	21.359	ug/l #	85
20) Methylene Chloride	4.90	84	2368	Below Cal	#	88
25) 2-Butanone	7.20	43	1668	2.421	ug/l #	69
31) Cyclohexane	7.94	56	5172	1.030	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18787	4.340	ug/l #	48
38) Carbon Tetrachloride	7.94	117	25778	6.612	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	69105	74.060	ug/l #	100
78) n-propylbenzene	12.72	91	11984	1.110	ug/l #	53
79) 2-Chlorotoluene	12.93	91	12002	1.978	ug/l #	40
81) trans-1,4-Dichloro-2-buten	12.62	75	69105	139.962	ug/l #	14
82) 4-Chlorotoluene	13.02	91	14006	2.198	ug/l #	40
86) p-Isopropyltoluene	13.50	119	17594	1.975	ug/l	90

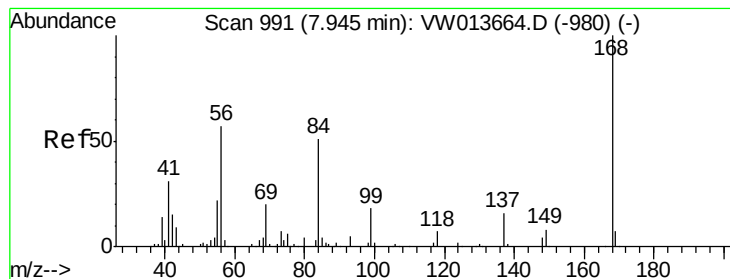
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102319\
Data File : VW013697.D
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Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 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: VW013697.D

Acq: 24 Oct 2019 05:42

Instrument :

MSVOA_W

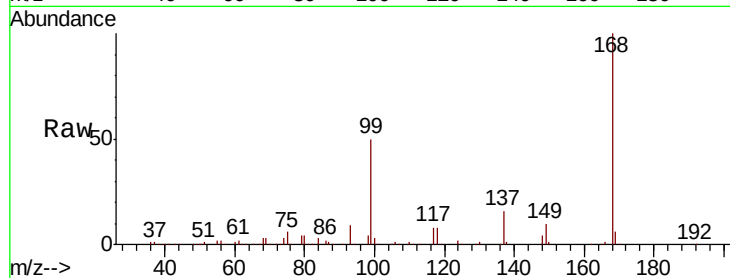
ClientSampleId :

Tot Ion:168 Resp: 301240

Ion Ratio Lower Upper

168 100

99 50.4 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

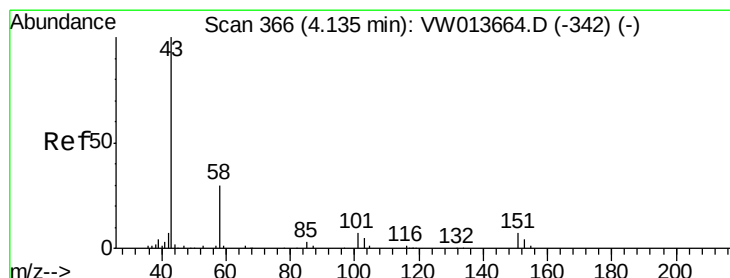
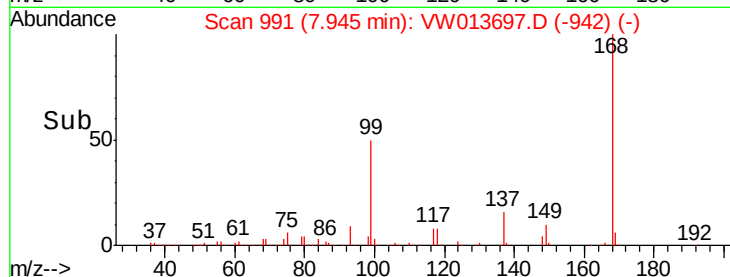
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 21.359 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW013697.D

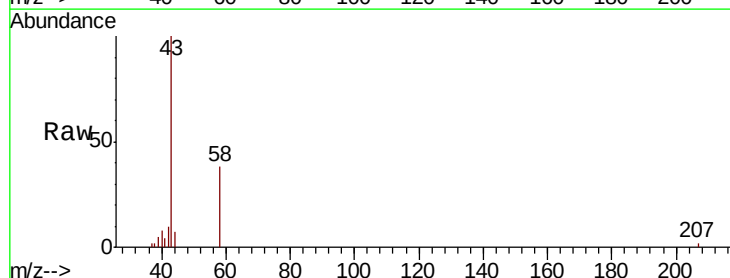
Acq: 24 Oct 2019 05:42

Tgt Ion: 43 Resp: 10234

Ion Ratio Lower Upper

43 100

58 38.3 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

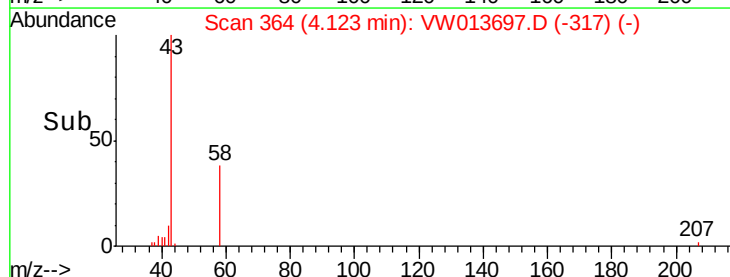
3000

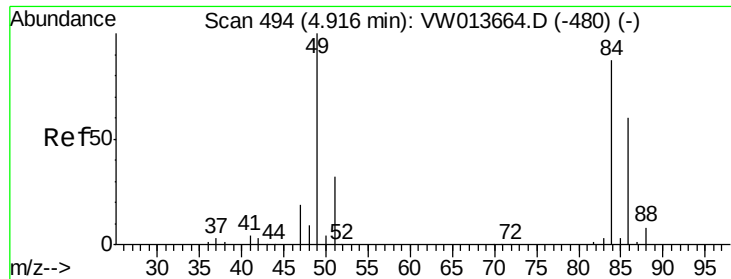
2000

1000

0

Time--> 4.00 4.10 4.20 4.30

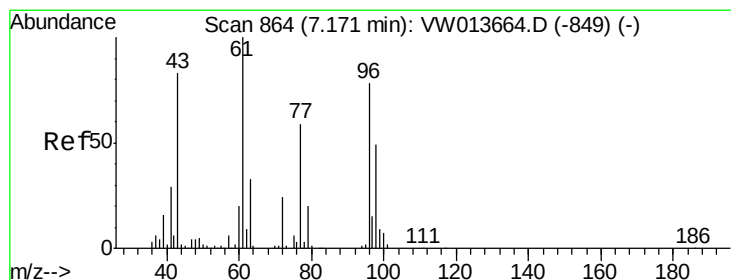
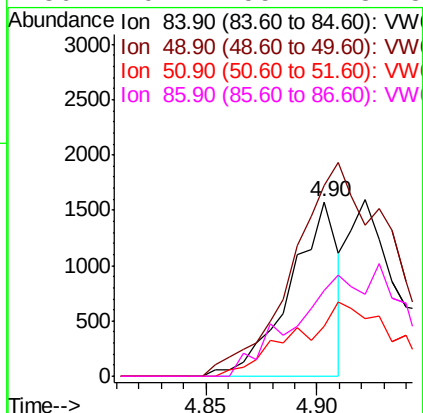
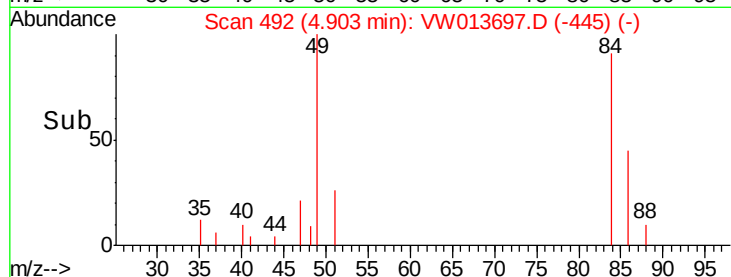
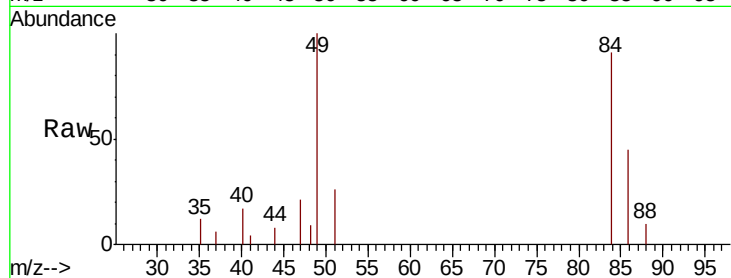




#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW013697.D
Acq: 24 Oct 2019 05:42

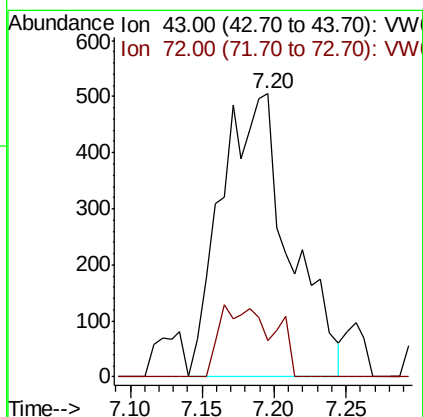
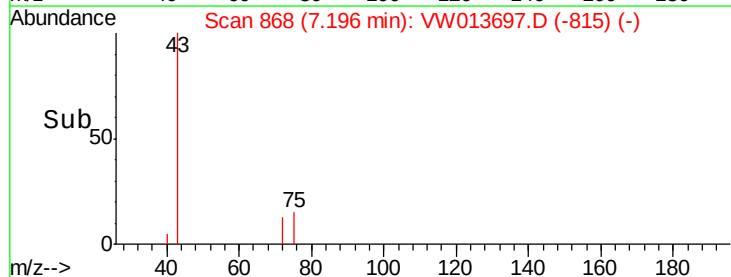
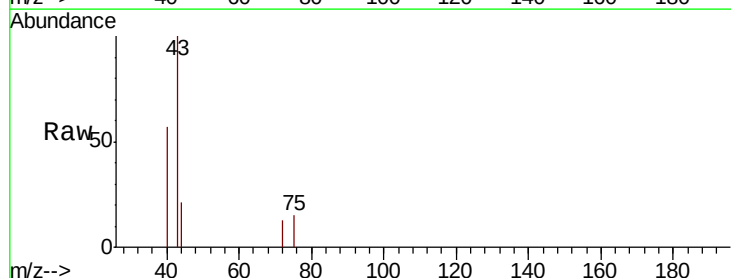
Instrument :
MSVOA_W
ClientSampled :

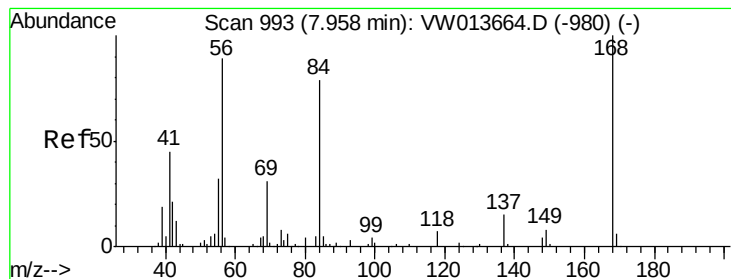
Tot Ion: 84 Resp: 2368
Ion Ratio Lower Upper
84 100
49 109.5 91.8 137.6
51 28.9 29.8 44.6#
86 49.4 55.2 82.8#



#25
2-Butanone
Concen: 2.421 ug/l
RT: 7.20 min Scan# 868
Delta R.T. 0.02 min
Lab File: VW013697.D
Acq: 24 Oct 2019 05:42

Tgt Ion: 43 Resp: 1668
Ion Ratio Lower Upper
43 100
72 12.9 23.6 35.4#





#31

Cyclohexane

Concen: 1.030 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.02 min

Lab File: VW013697.D

Acq: 24 Oct 2019 05:42

Instrument :

MSVOA_W

ClientSampleId :

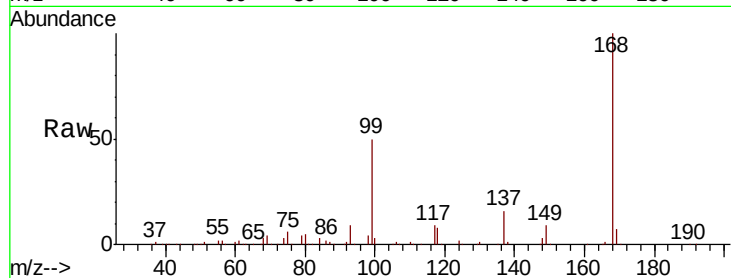
Tot Ion: 56 Resp: 5172

Ion Ratio Lower Upper

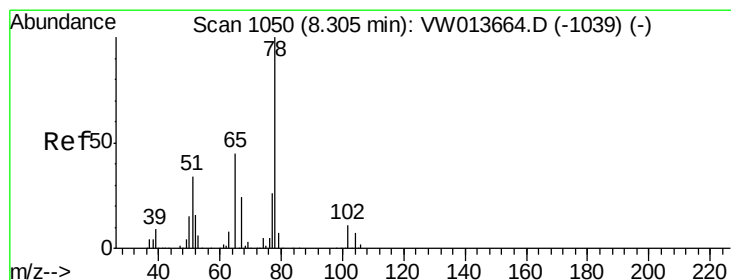
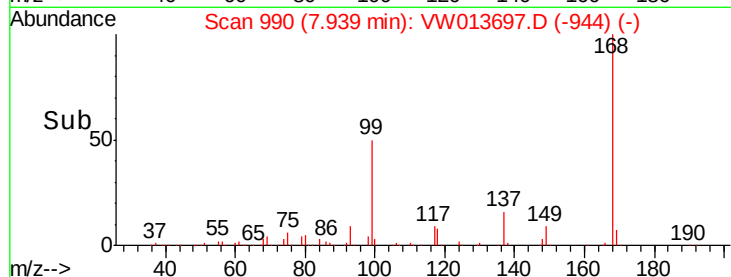
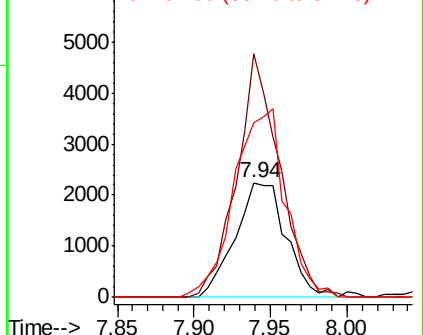
56 100

69 212.2 27.5 41.3#

84 151.6 70.8 106.2#



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: 57.963 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013697.D

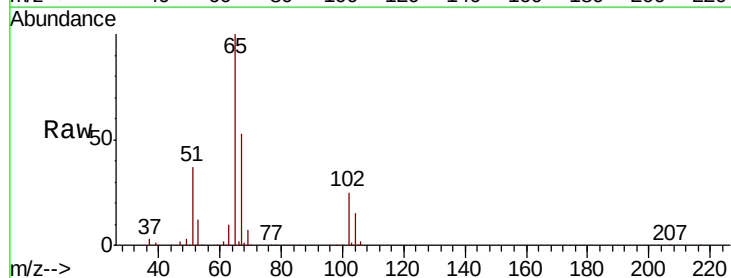
Acq: 24 Oct 2019 05:42

Tgt Ion: 65 Resp: 130985

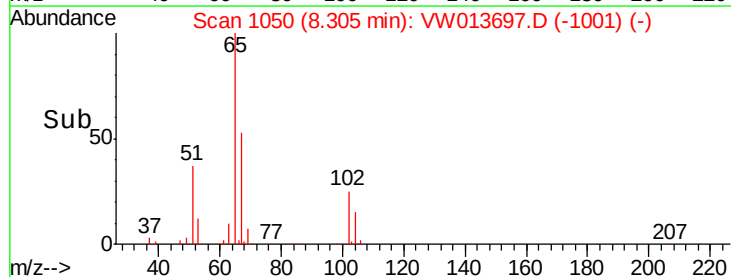
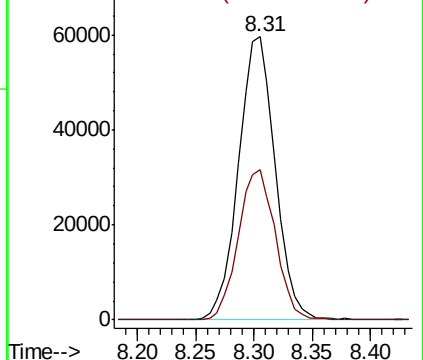
Ion Ratio Lower Upper

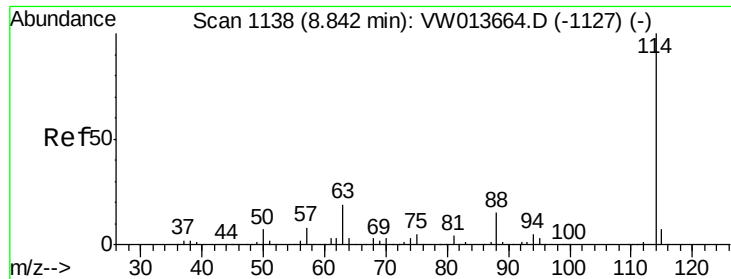
65 100

67 53.7 0.0 109.4



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

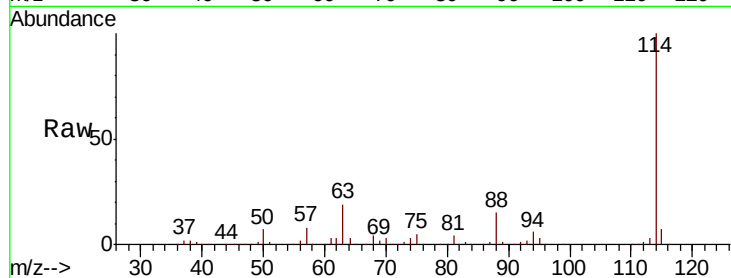




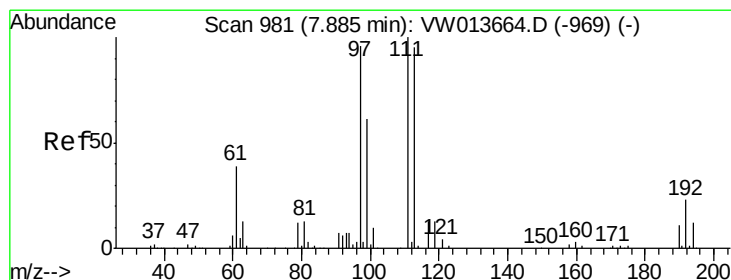
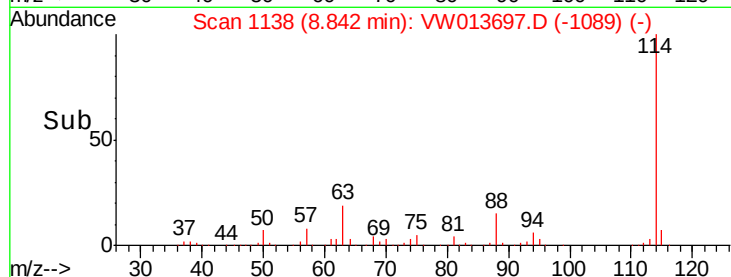
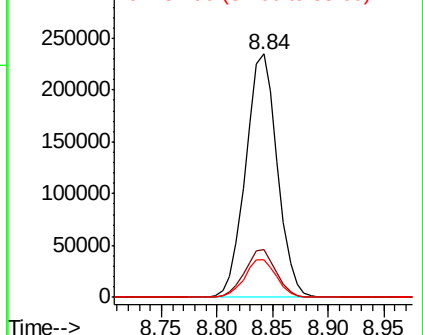
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW013697.D
Acq: 24 Oct 2019 05:42

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:114 Resp: 464847
Ion Ratio Lower Upper
114 100
63 19.5 0.0 37.6
88 15.2 0.0 30.2

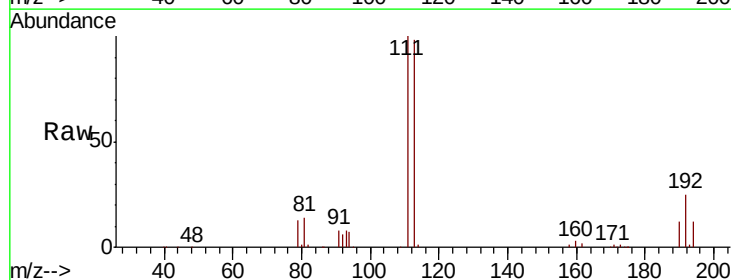


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

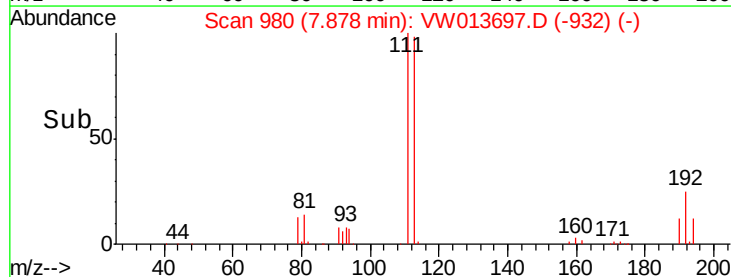
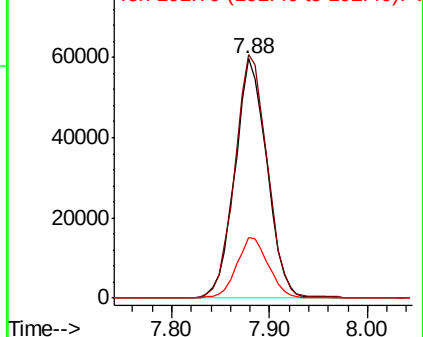


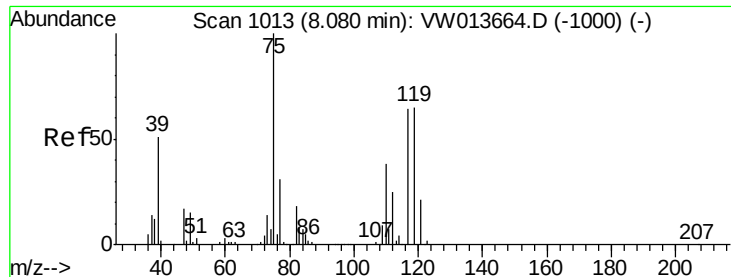
#35
Dibromofluoromethane
Concen: 52.412 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW013697.D
Acq: 24 Oct 2019 05:42

Tgt Ion:113 Resp: 135378
Ion Ratio Lower Upper
113 100
111 103.7 83.0 124.6
192 25.0 19.4 29.2



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

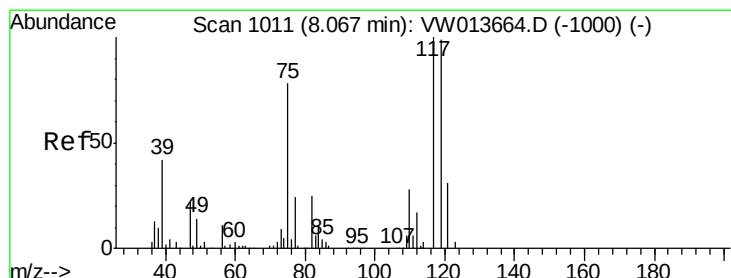
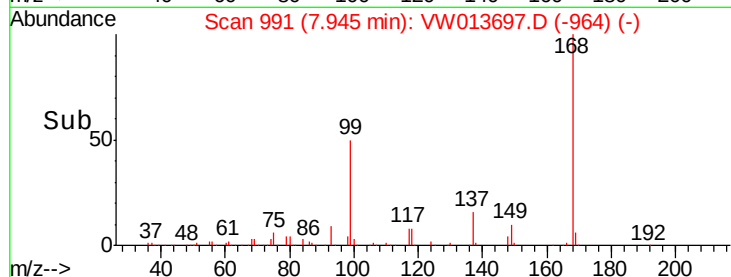
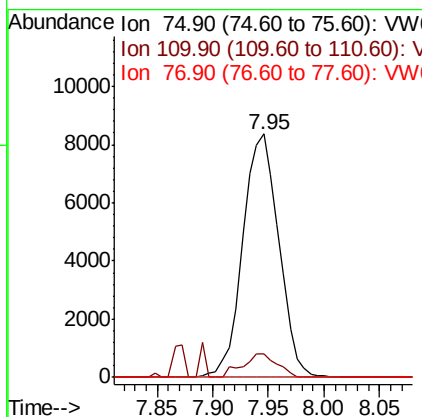
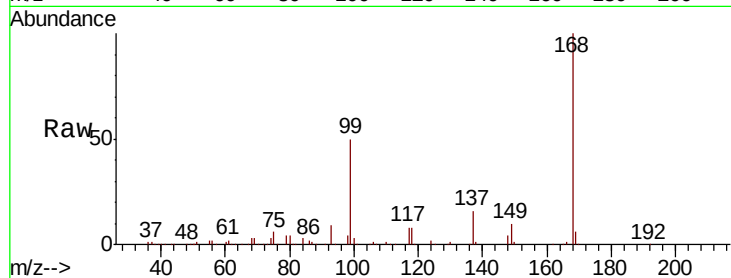




#36
 1,1-Dichloropropene
 Concen: 4.340 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013697.D
 Acq: 24 Oct 2019 05:42

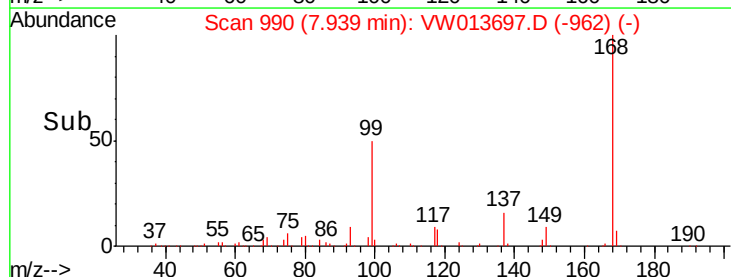
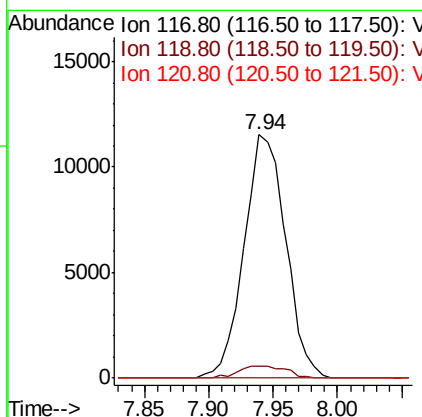
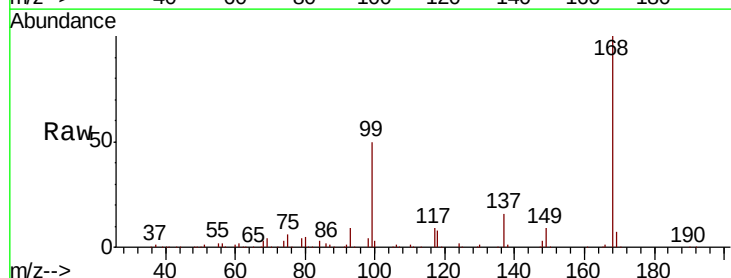
Instrument :
 MSVOA_W
 ClientSampled :

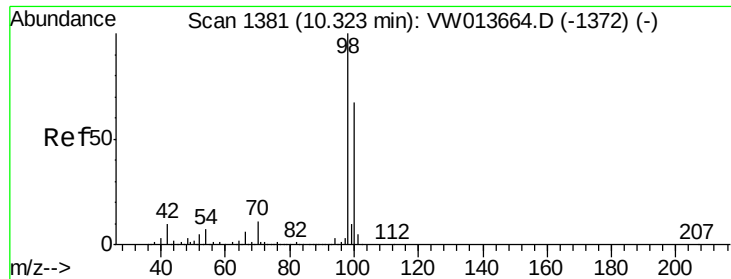
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.7	56.1#
77	0.0	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 6.612 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.13 min
 Lab File: VW013697.D
 Acq: 24 Oct 2019 05:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	79.0	118.4#
121	0.0	24.5	36.7#

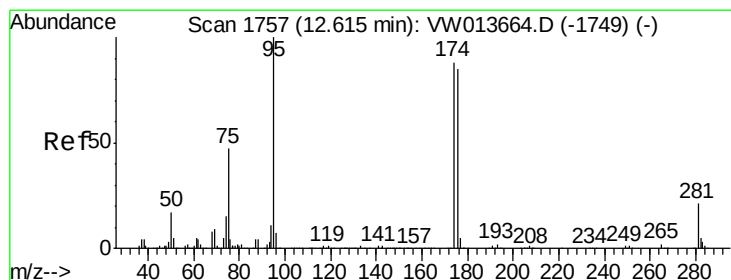
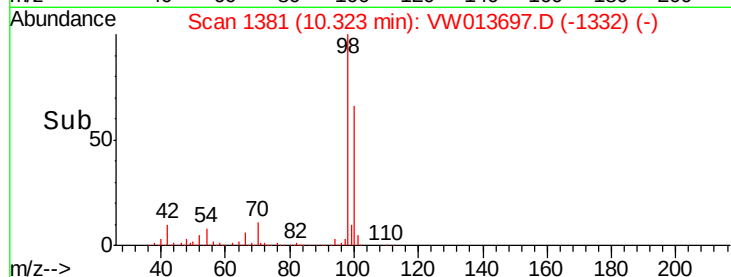
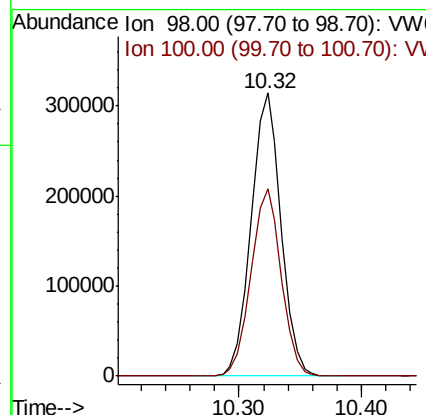
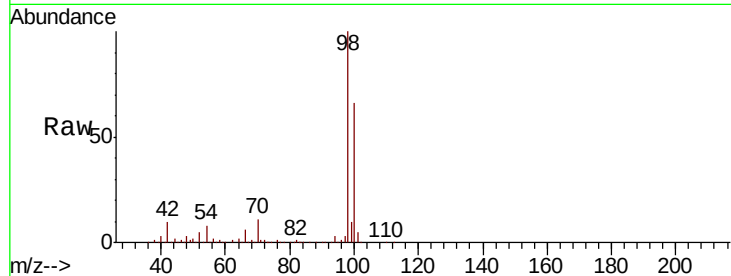




#50
Toluene-d8
Concen: 50.784 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013697.D
Acq: 24 Oct 2019 05:42

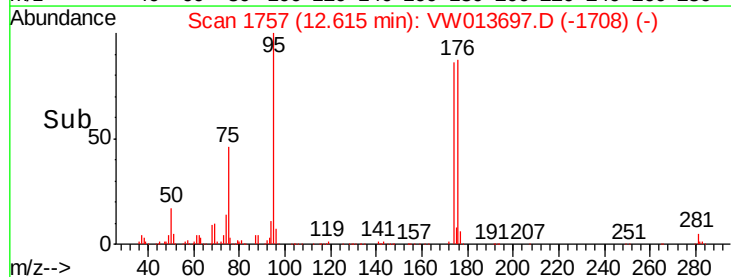
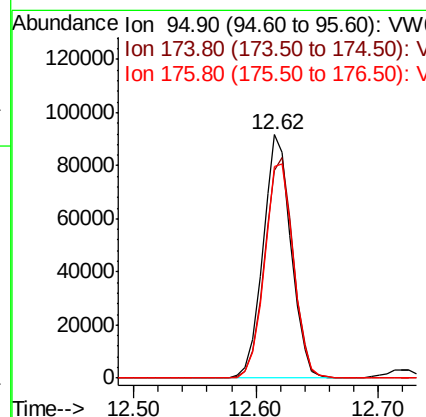
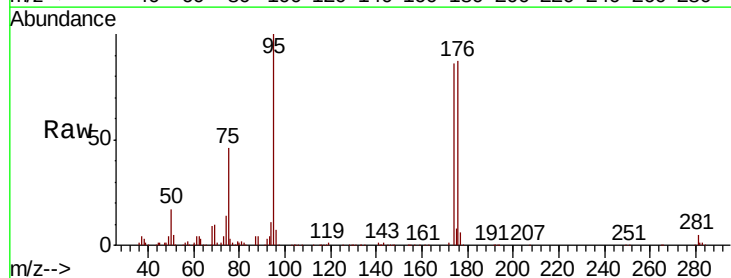
Instrument :
MSVOA_W
ClientSampleId :

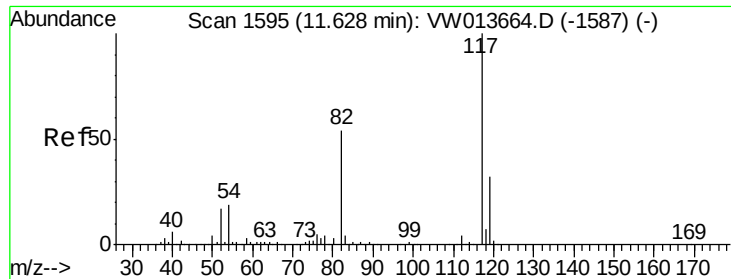
Tot Ion: 98 Resp: 534499
Ion Ratio Lower Upper
98 100
100 67.1 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 41.139 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013697.D
Acq: 24 Oct 2019 05:42

Tgt Ion: 95 Resp: 146609
Ion Ratio Lower Upper
95 100
174 92.3 0.0 183.6
176 90.7 0.0 178.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW013697.D

Acq: 24 Oct 2019 05:42

Instrument :

MSVOA_W

ClientSampled :

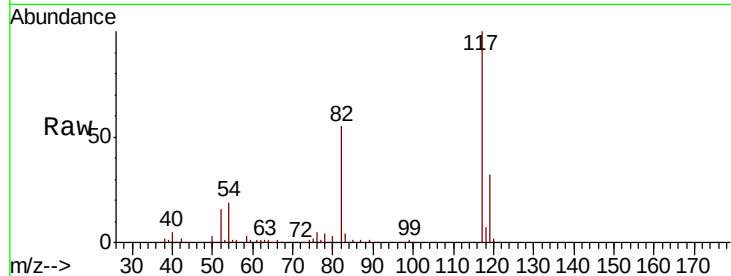
Tot Ion:117 Resp: 371508

Ion Ratio Lower Upper

117 100

82 54.7 43.6 65.4

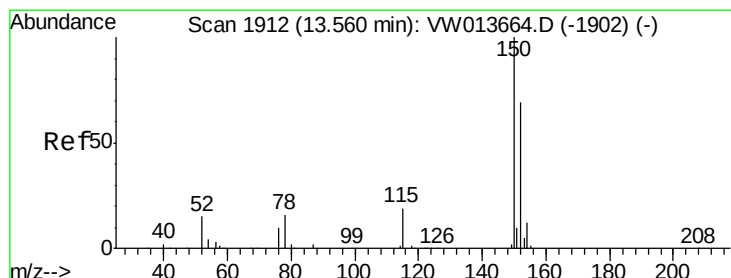
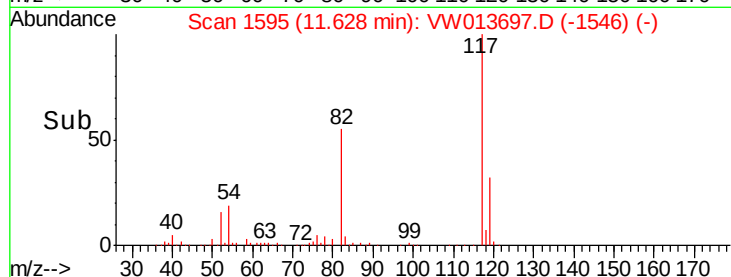
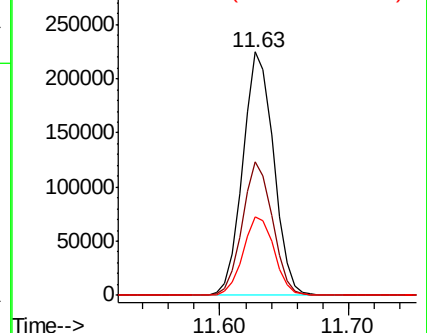
119 32.1 25.4 38.2



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: VW013697.D

Acq: 24 Oct 2019 05:42

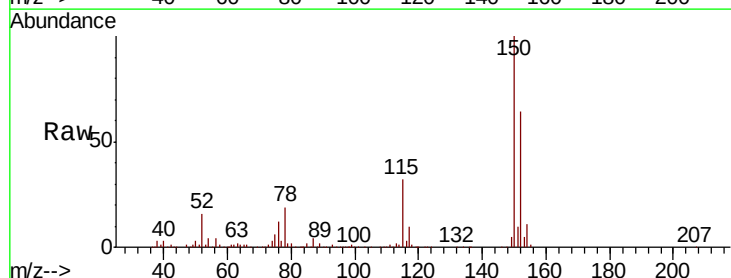
Tgt Ion:152 Resp: 129933

Ion Ratio Lower Upper

152 100

115 54.4 27.4 82.2

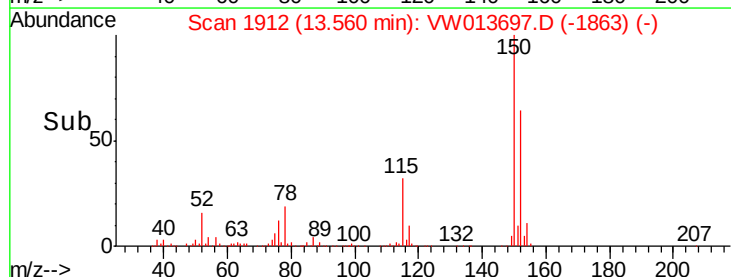
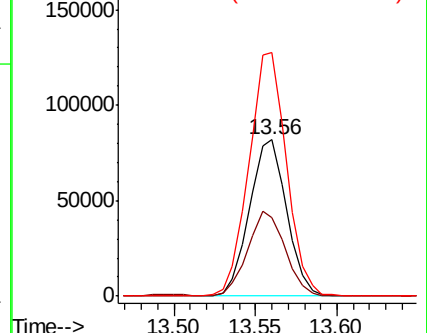
150 157.7 0.0 345.4

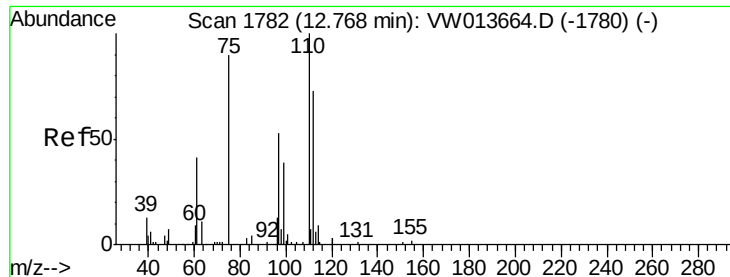


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



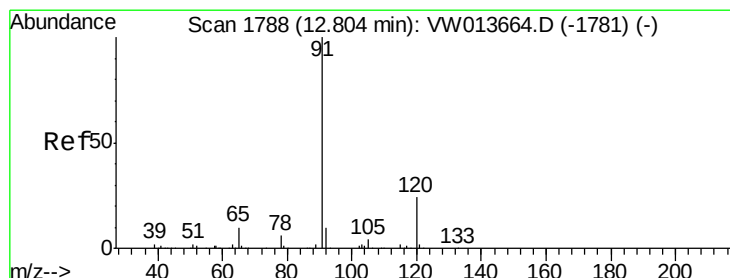
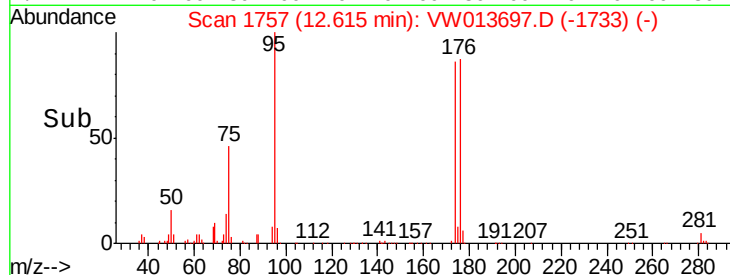
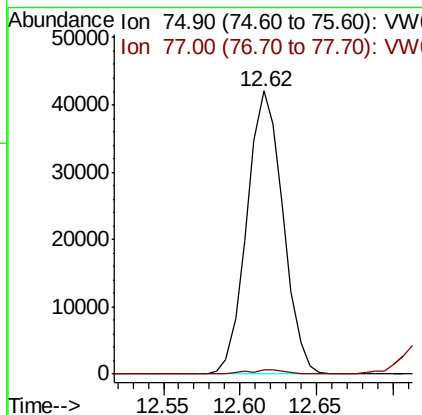
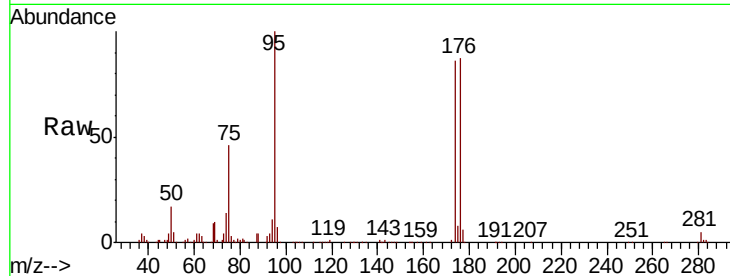


#76

1,2,3-Trichloropropane
Concen: 74.060 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW013697.D
Acq: 24 Oct 2019 05:42

Instrument :
MSVOA_W
ClientSampleId :

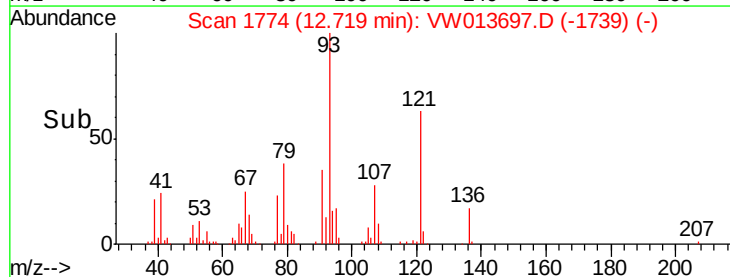
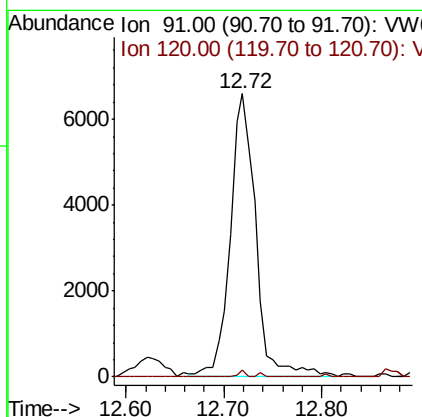
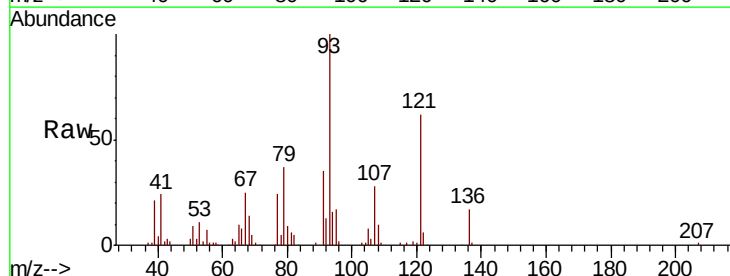
Tot Ion: 75 Resp: 69105
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#

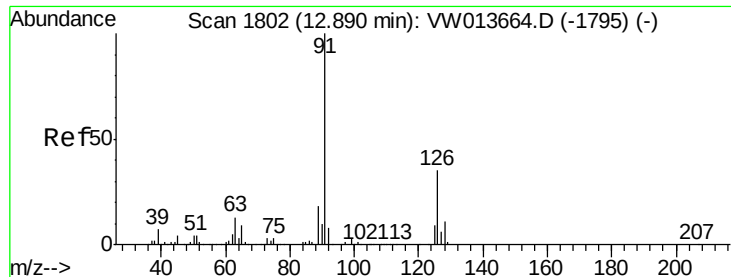


#78

n-propylbenzene
Concen: 1.110 ug/l
RT: 12.72 min Scan# 1774
Delta R.T. -0.09 min
Lab File: VW013697.D
Acq: 24 Oct 2019 05:42

Tgt Ion: 91 Resp: 11984
Ion Ratio Lower Upper
91 100
120 0.7 12.0 36.0#

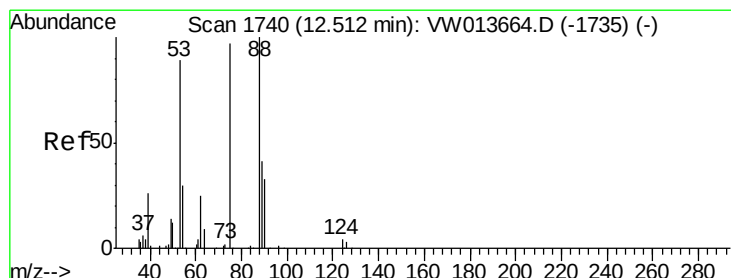
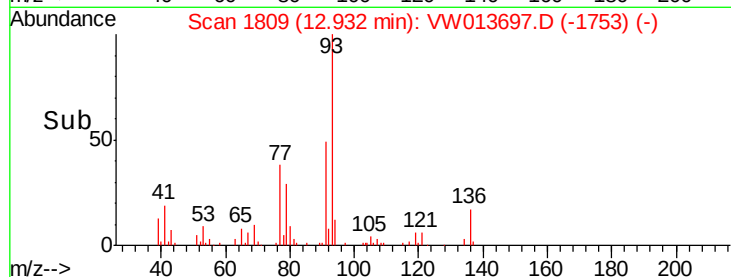
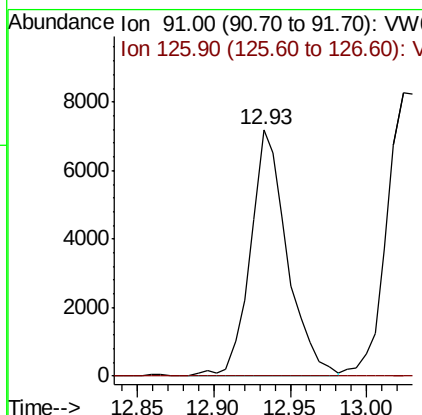
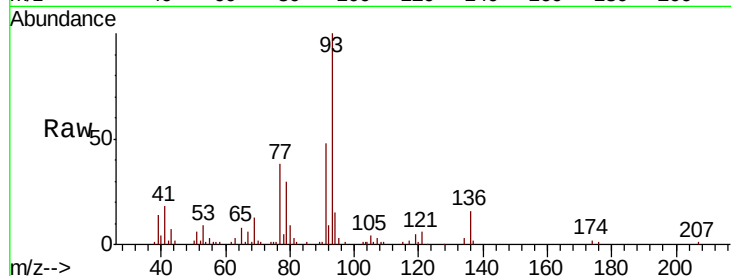




#79
 2-Chlorotoluene
 Concen: 1.978 ug/l
 RT: 12.93 min Scan# 1809
 Delta R.T. 0.04 min
 Lab File: VW013697.D
 Acq: 24 Oct 2019 05:42

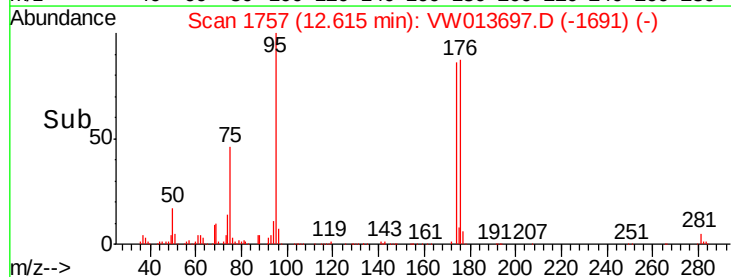
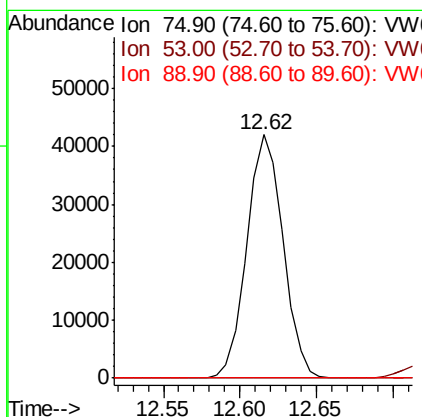
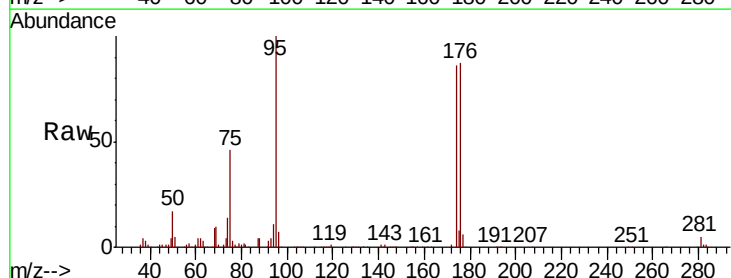
Instrument :
 MSVOA_W
 ClientSampleId :

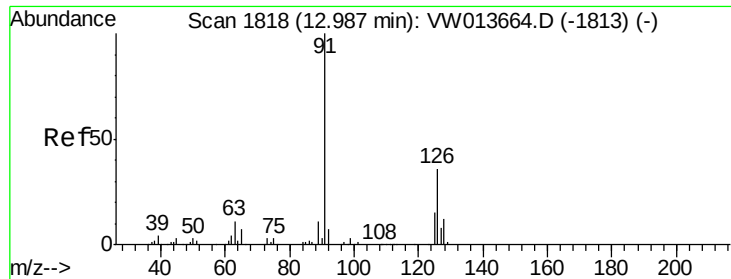
Tot Ion: 91 Resp: 12002
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.4 52.2#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.962 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW013697.D
 Acq: 24 Oct 2019 05:42

Tgt Ion: 75 Resp: 69105
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.7 107.5#
 89 0.1 35.8 53.8#





#82

4-Chlorotoluene

Concen: 2.198 ug/l

RT: 13.02 min Scan# 1824

Delta R.T. 0.04 min

Lab File: VW013697.D

Acq: 24 Oct 2019 05:42

Instrument :

MSVOA_W

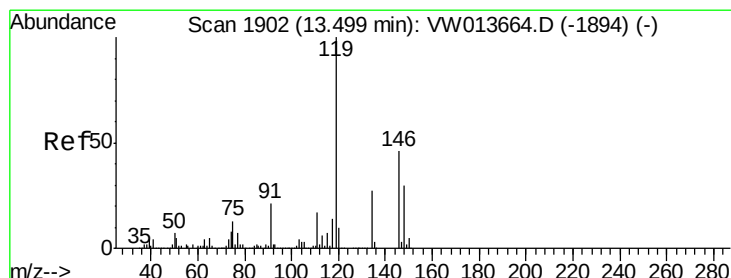
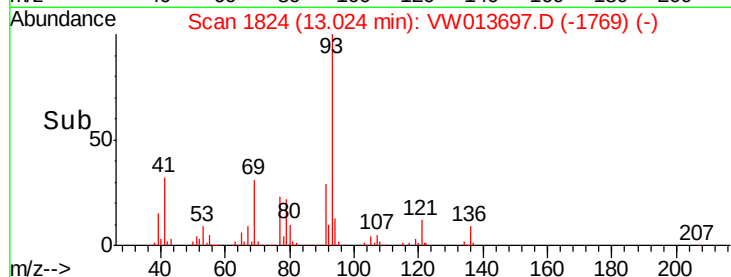
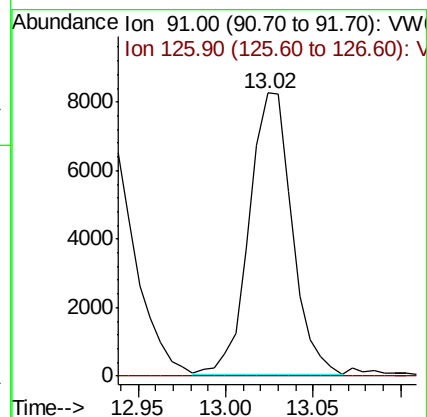
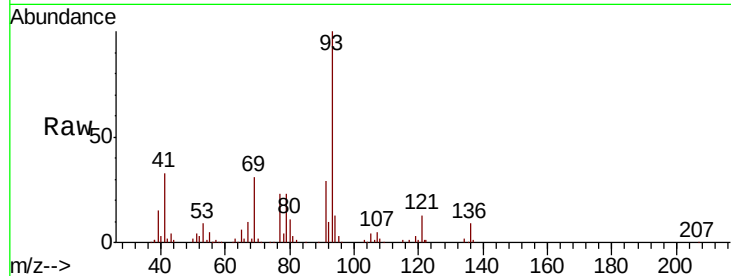
ClientSampled :

Tot Ion: 91 Resp: 14006

Ion Ratio Lower Upper

91 100

126 0.0 17.2 51.5#



#86

p-Isopropyltoluene

Concen: 1.975 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW013697.D

Acq: 24 Oct 2019 05:42

Tgt Ion: 119 Resp: 17594

Ion Ratio Lower Upper

119 100

134 25.5 13.4 40.1

91 30.7 10.8 32.3

