

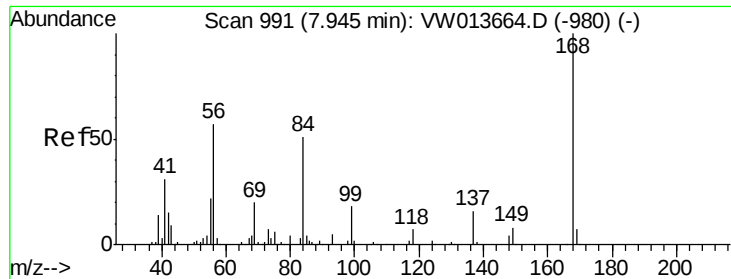
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013673.D
 Acq On : 23 Oct 2019 17:58
 Operator : SY/VA
 Sample : K5501-12
 Misc : 5.97G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 24 07:26:57 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	122010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	172387	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	142231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	54831	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	49184	53.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.48%	
35) Dibromofluoromethane	7.88	113	50616	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
50) Toluene-d8	10.32	98	199692	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
62) 4-Bromofluorobenzene	12.62	95	56845	43.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.02%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	1114	5.740	ug/l	97
20) Methylene Chloride	4.92	84	3857	Below Cal	#	73
31) Cyclohexane	7.95	56	2136	1.050	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	7278	4.533	ug/l #	50
38) Carbon Tetrachloride	7.95	117	10694	7.397	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	25962	65.933	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	25962	124.604	ug/l #	14

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW013673.D

Acq: 23 Oct 2019 17:58

Instrument :

MSVOA_W

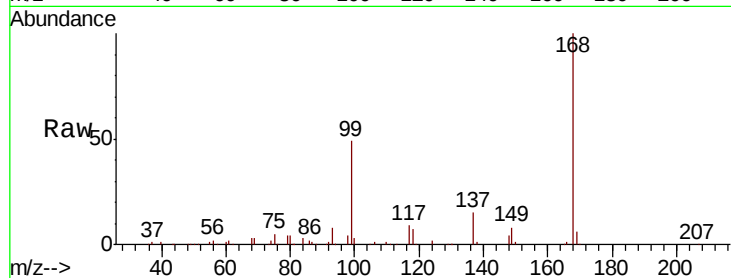
ClientSampled :

Tot Ion:168 Resp: 122010

Ion Ratio Lower Upper

168 100

99 48.9 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

60000

50000

40000

30000

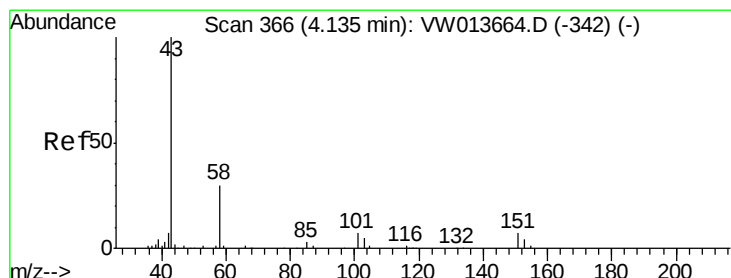
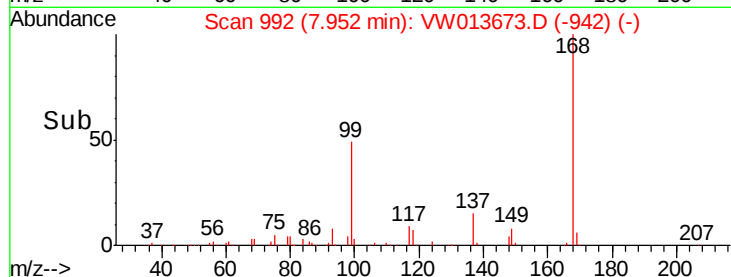
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 5.740 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.02 min

Lab File: VW013673.D

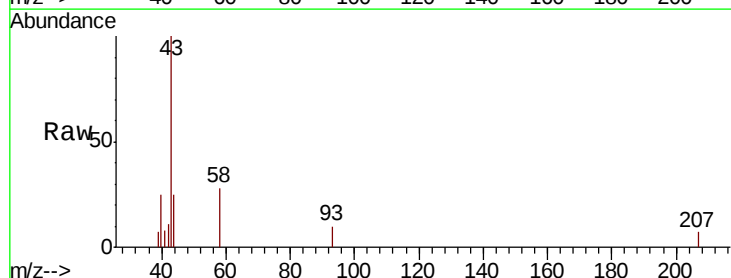
Acq: 23 Oct 2019 17:58

Tgt Ion: 43 Resp: 1114

Ion Ratio Lower Upper

43 100

58 28.2 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

800

600

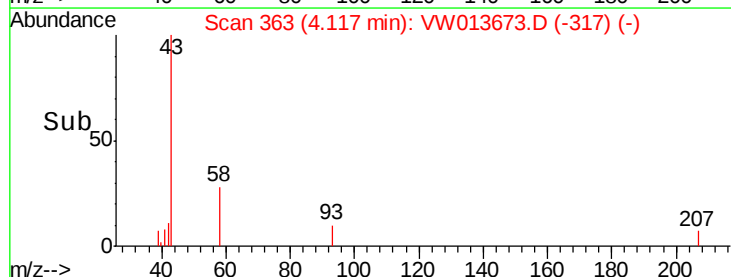
400

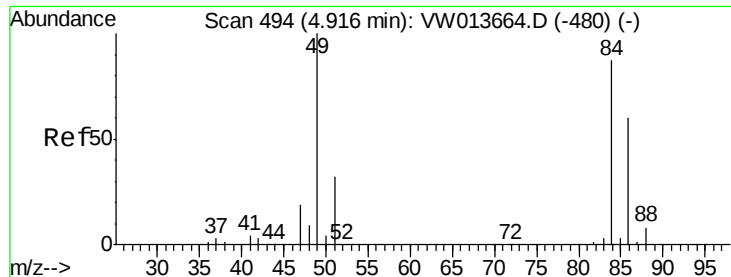
200

0

4.06 4.08 4.10 4.12 4.14

Time-->

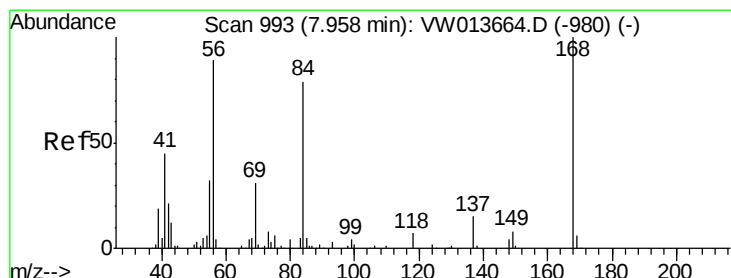
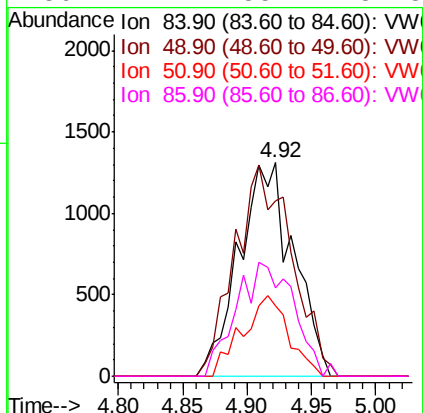
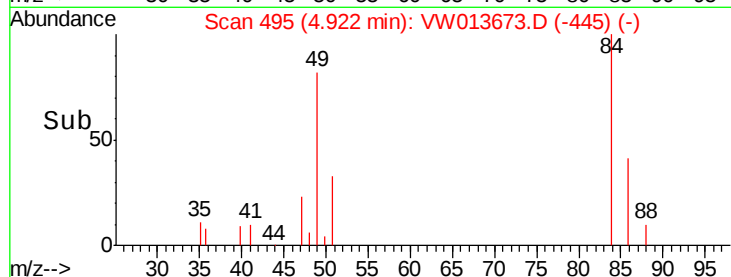
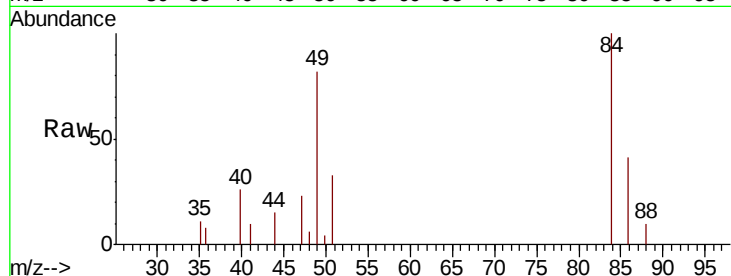




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW013673.D
Acq: 23 Oct 2019 17:58

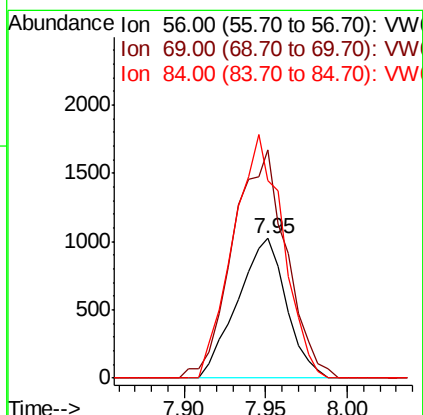
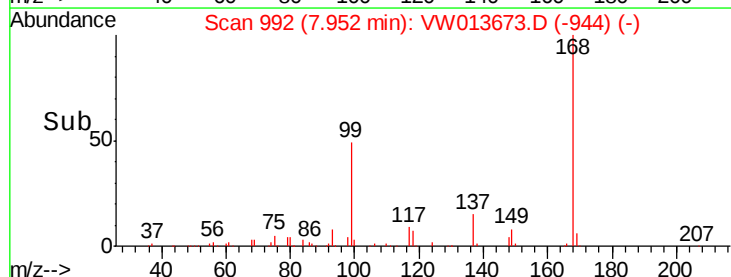
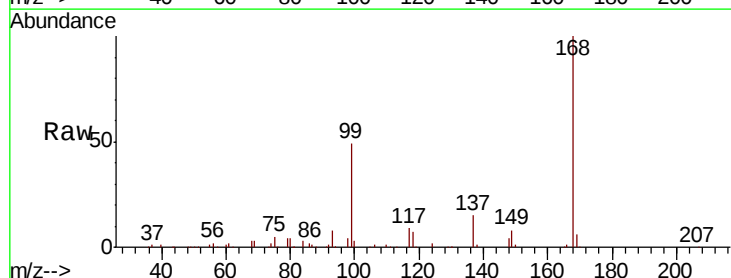
Instrument :
MSVOA_W
ClientSampleId :

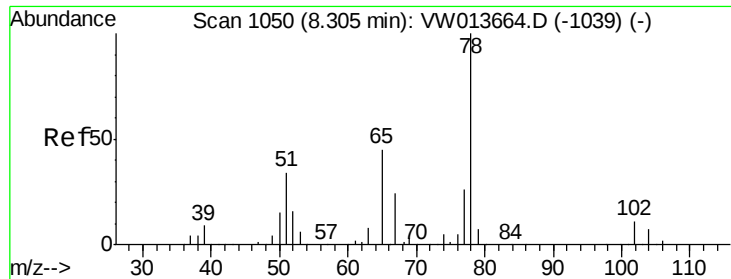
Tot Ion: 84 Resp: 3857
Ion Ratio Lower Upper
84 100
49 82.4 91.8 137.6#
51 32.8 29.8 44.6
86 41.1 55.2 82.8#



#31
Cyclohexane
Concen: 1.050 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW013673.D
Acq: 23 Oct 2019 17:58

Tgt Ion: 56 Resp: 2136
Ion Ratio Lower Upper
56 100
69 163.4 27.5 41.3#
84 141.1 70.8 106.2#

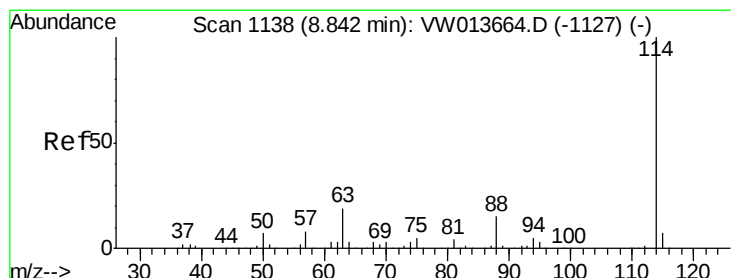
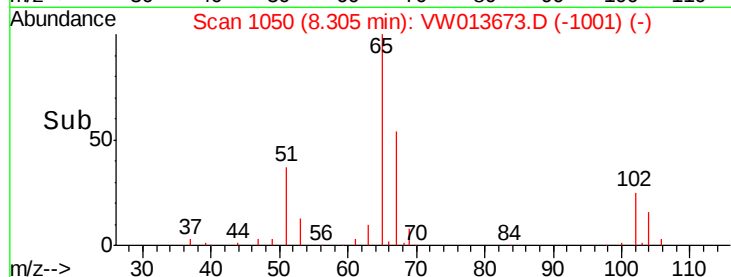
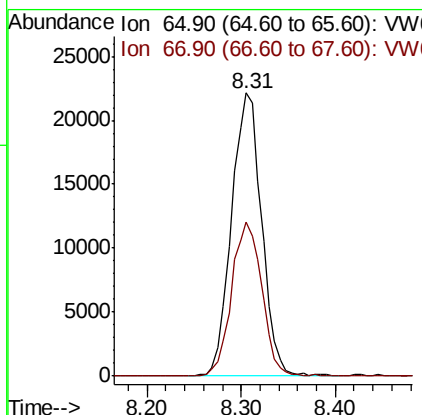
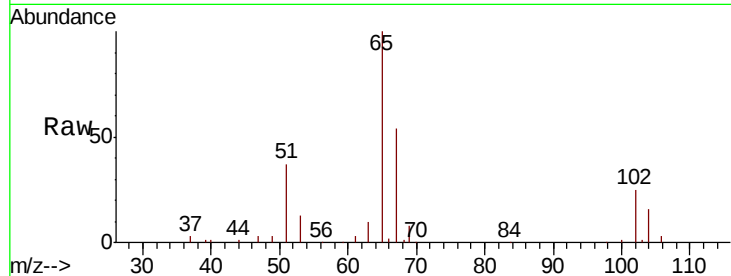




#33
 1,2-Dichloroethane-d4
 Concen: 53.737 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW013673.D
 Acq: 23 Oct 2019 17:58

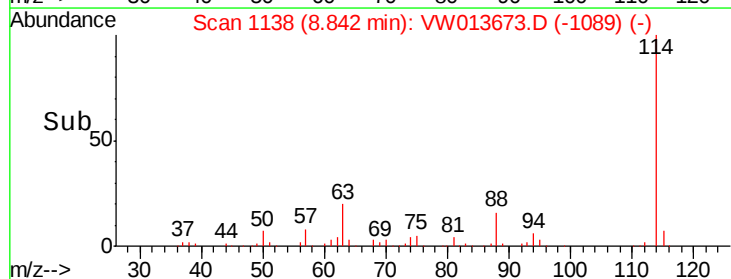
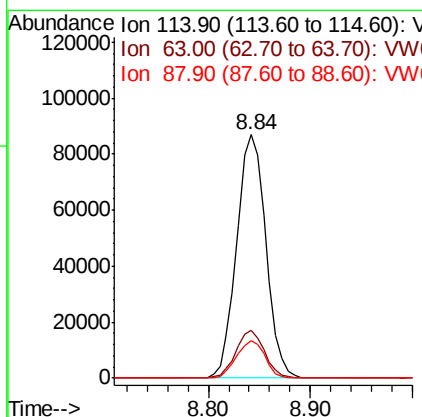
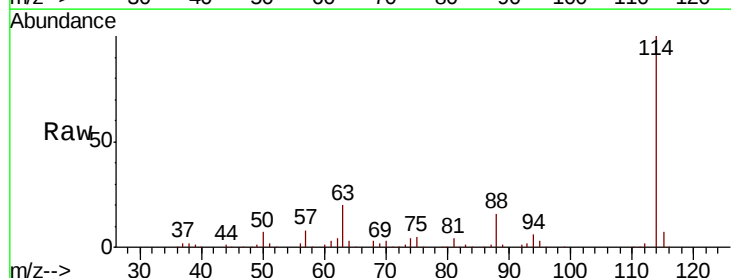
Instrument :
 MSVOA_W
 ClientSampled :

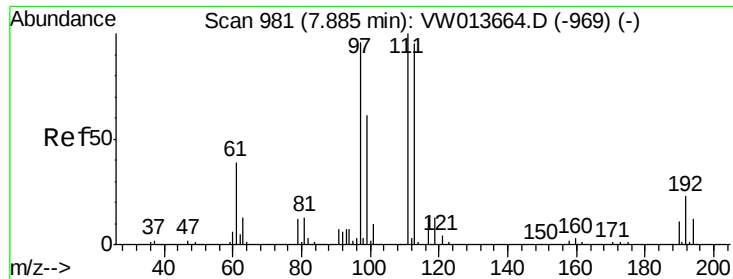
Tot Ion: 65 Resp: 49184
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013673.D
 Acq: 23 Oct 2019 17:58

Tgt Ion: 114 Resp: 172387
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 37.6
 88 15.5 0.0 30.2

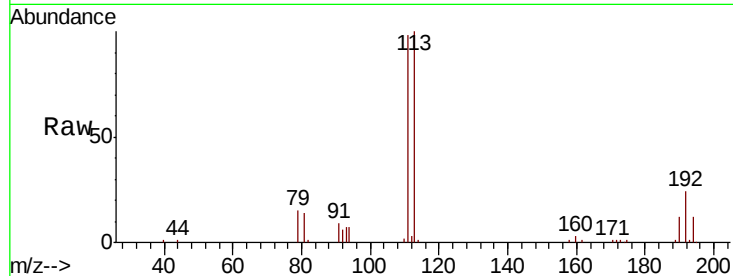




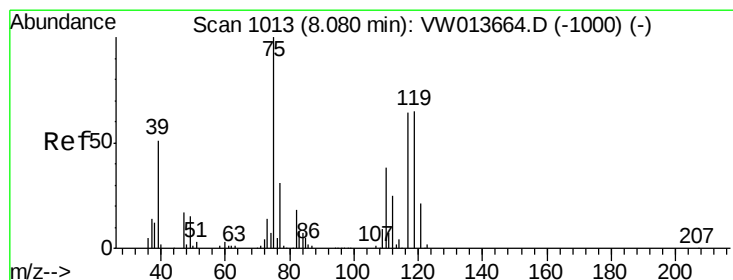
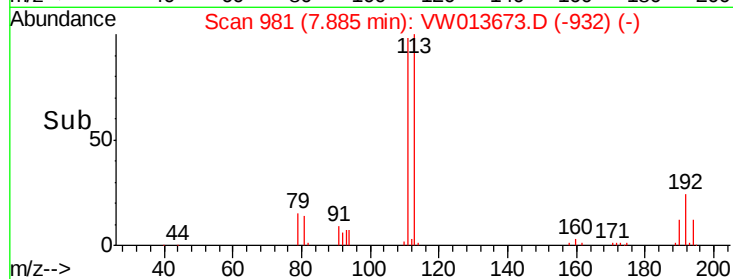
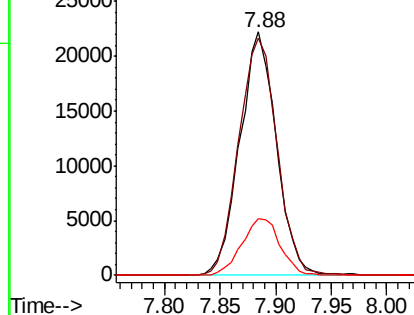
#35
 Dibromofluoromethane
 Concen: 52.842 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW013673.D
 Acq: 23 Oct 2019 17:58

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:113 Resp: 50616
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.0 124.6
 192 24.5 19.4 29.2

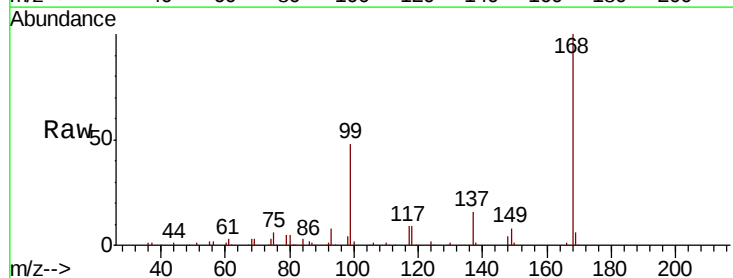


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

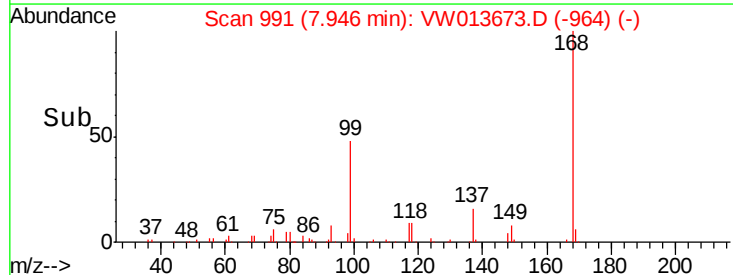
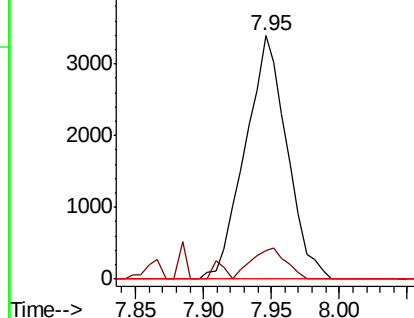


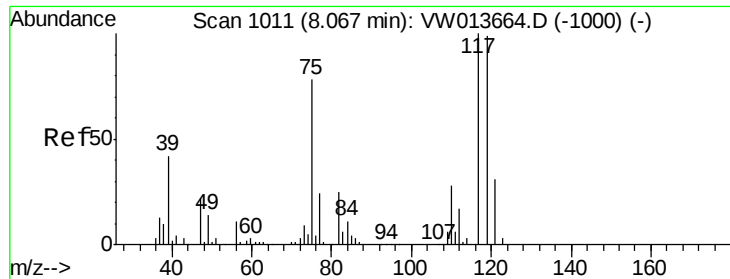
#36
 1,1-Dichloropropene
 Concen: 4.533 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013673.D
 Acq: 23 Oct 2019 17:58

Tgt Ion: 75 Resp: 7278
 Ion Ratio Lower Upper
 75 100
 110 10.7 18.7 56.1#
 77 0.0 25.4 38.0#



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

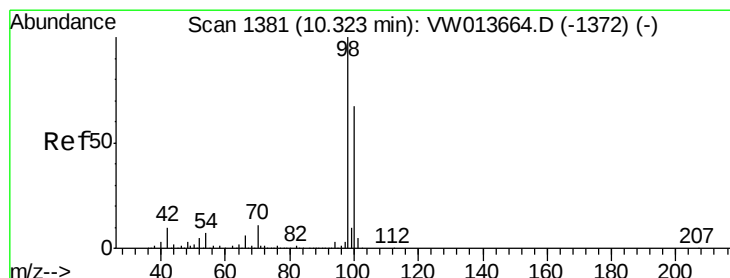
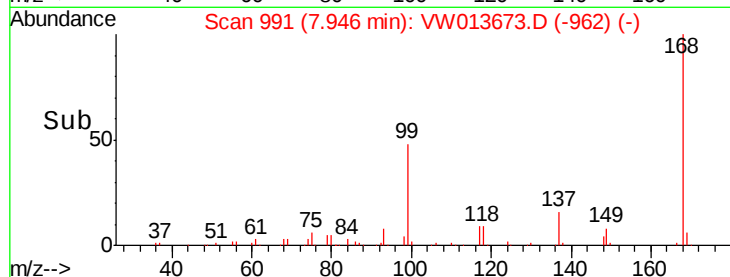
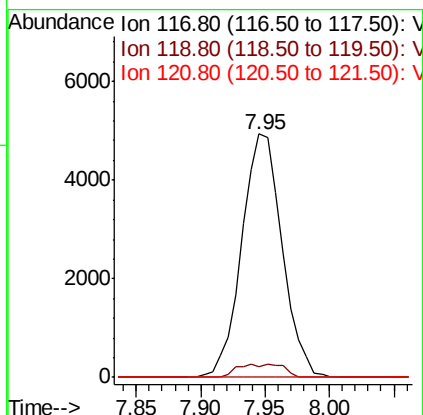
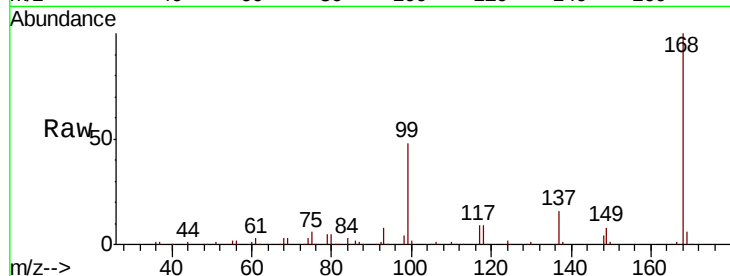




#38
Carbon Tetrachloride
Concen: 7.397 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW013673.D
Acq: 23 Oct 2019 17:58

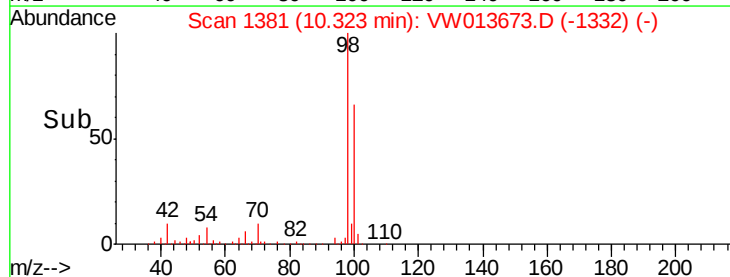
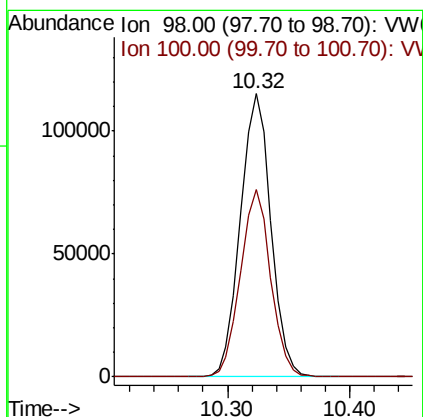
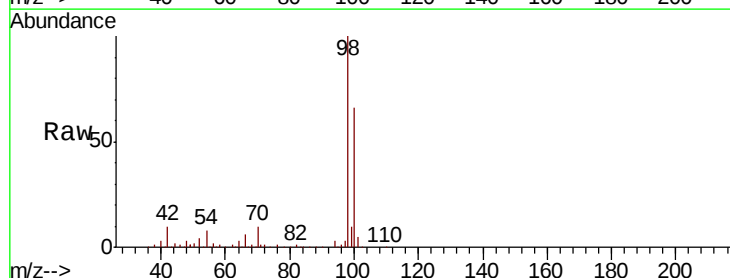
Instrument :
MSVOA_W
ClientSampleId :

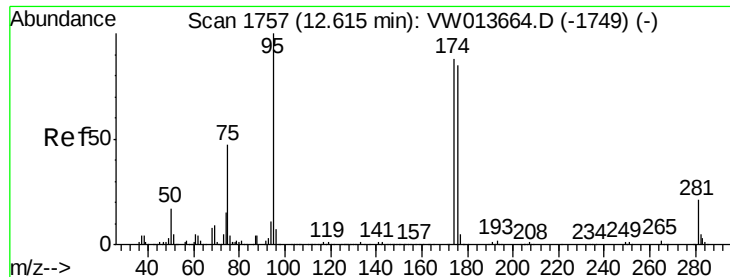
Tot Ion:117 Resp: 10694
Ion Ratio Lower Upper
117 100
119 4.4 79.0 118.4#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 51.162 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013673.D
Acq: 23 Oct 2019 17:58

Tgt Ion: 98 Resp: 199692
Ion Ratio Lower Upper
98 100
100 65.4 53.4 80.0

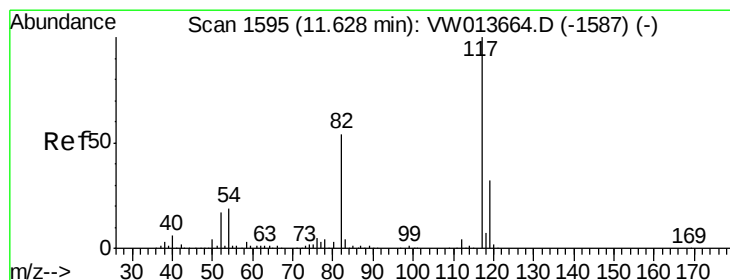
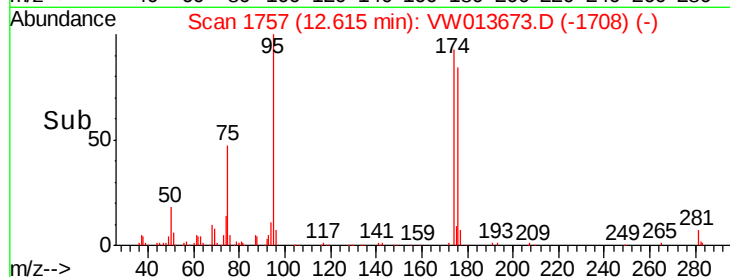
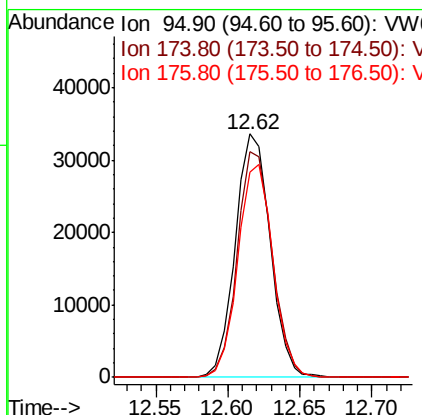
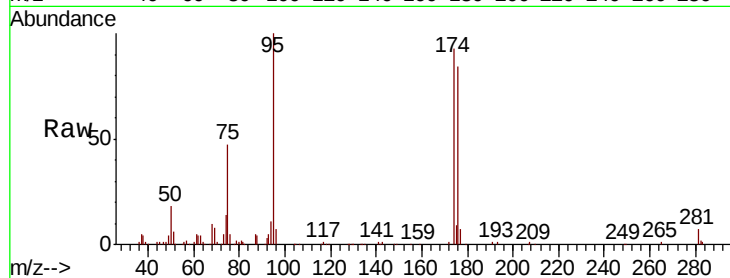




#62
4-Bromofluorobenzene
Concen: 43.012 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013673.D
Acq: 23 Oct 2019 17:58

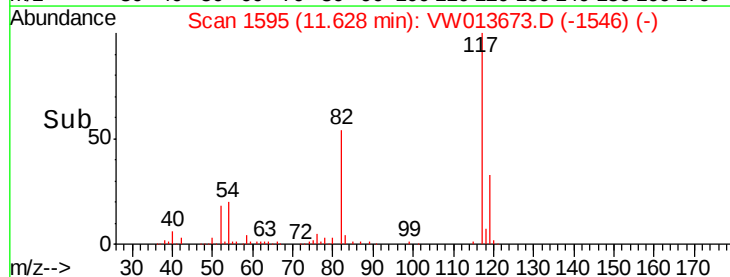
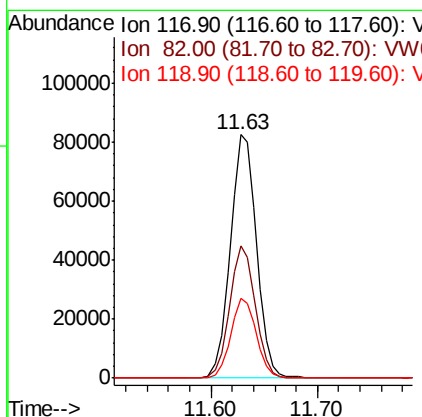
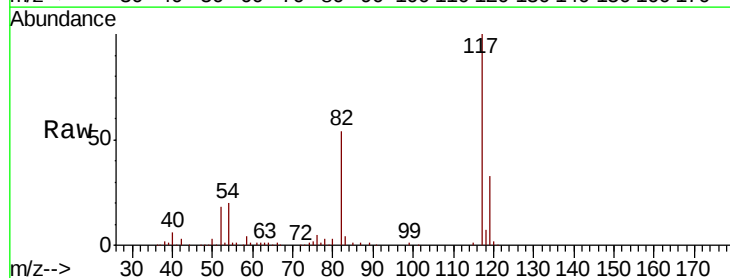
Instrument :
MSVOA_W
ClientSampleId :

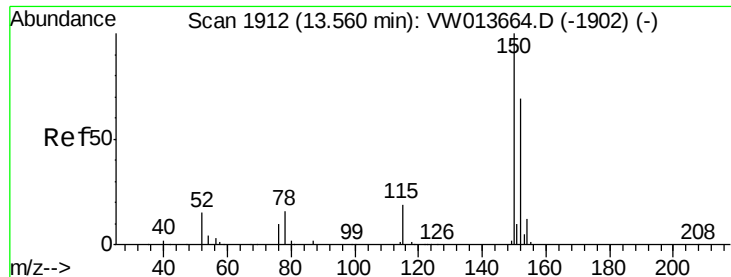
Tot Ion: 95 Resp: 56845
Ion Ratio Lower Upper
95 100
174 92.3 0.0 183.6
176 87.5 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013673.D
Acq: 23 Oct 2019 17:58

Tgt Ion: 117 Resp: 142231
Ion Ratio Lower Upper
117 100
82 54.2 43.6 65.4
119 32.8 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: VW013673.D

Acq: 23 Oct 2019 17:58

Instrument :

MSVOA_W

ClientSampleId :

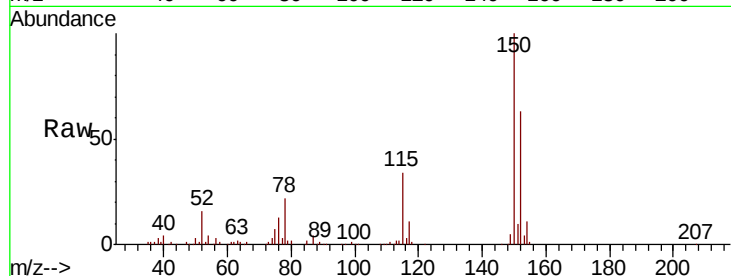
Tot Ion:152 Resp: 54831

Ion Ratio Lower Upper

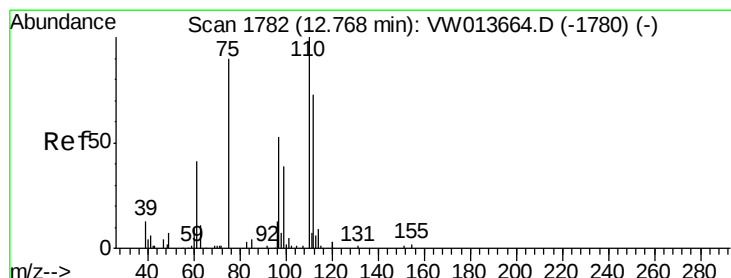
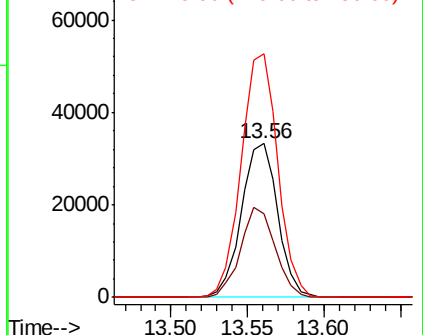
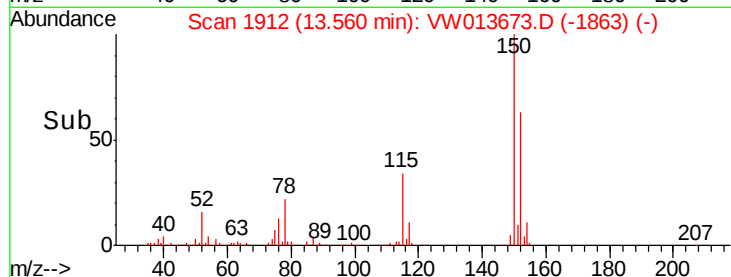
152 100

115 56.0 27.4 82.2

150 159.4 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: 65.933 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013673.D

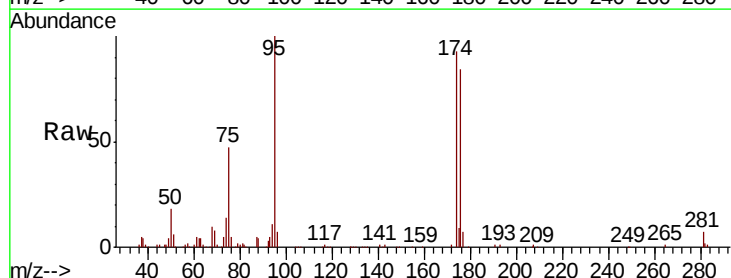
Acq: 23 Oct 2019 17:58

Tgt Ion: 75 Resp: 25962

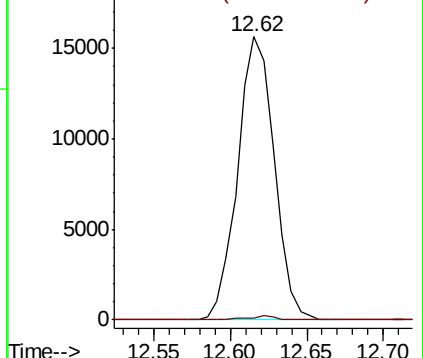
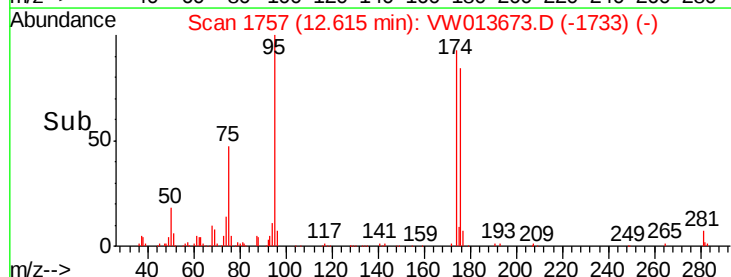
Ion Ratio Lower Upper

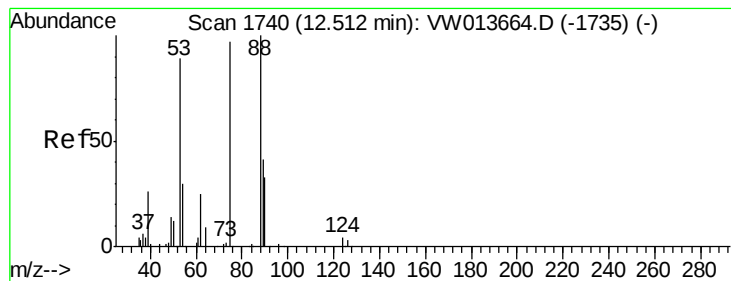
75 100

77 1.1 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: 124.604 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013673.D

Acq: 23 Oct 2019 17:58

Instrument :

MSVOA_W

ClientSampleId :

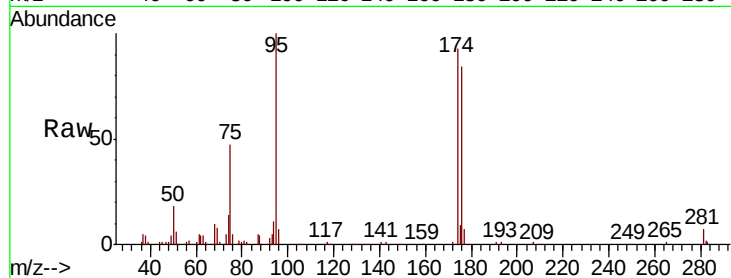
Tot Ion: 75 Resp: 25962

Ion Ratio Lower Upper

75 100

53 0.0 71.7 107.5#

89 0.0 35.8 53.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

