

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013679.D
 Acq On : 23 Oct 2019 20:34
 Operator : SY/VA
 Sample : K5485-02
 Misc : 3.63G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 24 07:28:01 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	279360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	423813	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	353022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	147819	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	121886	58.16	ug/l	0.00
Spiked Amount						
			Recovery	=	116.32%	
35) Dibromofluoromethane	7.88	113	124935	53.05	ug/l	0.00
Spiked Amount						
			Recovery	=	106.10%	
50) Toluene-d8	10.32	98	483875	50.43	ug/l	0.00
Spiked Amount						
			Recovery	=	100.86%	
62) 4-Bromofluorobenzene	12.62	95	146997	45.24	ug/l	0.00
Spiked Amount						
			Recovery	=	90.48%	

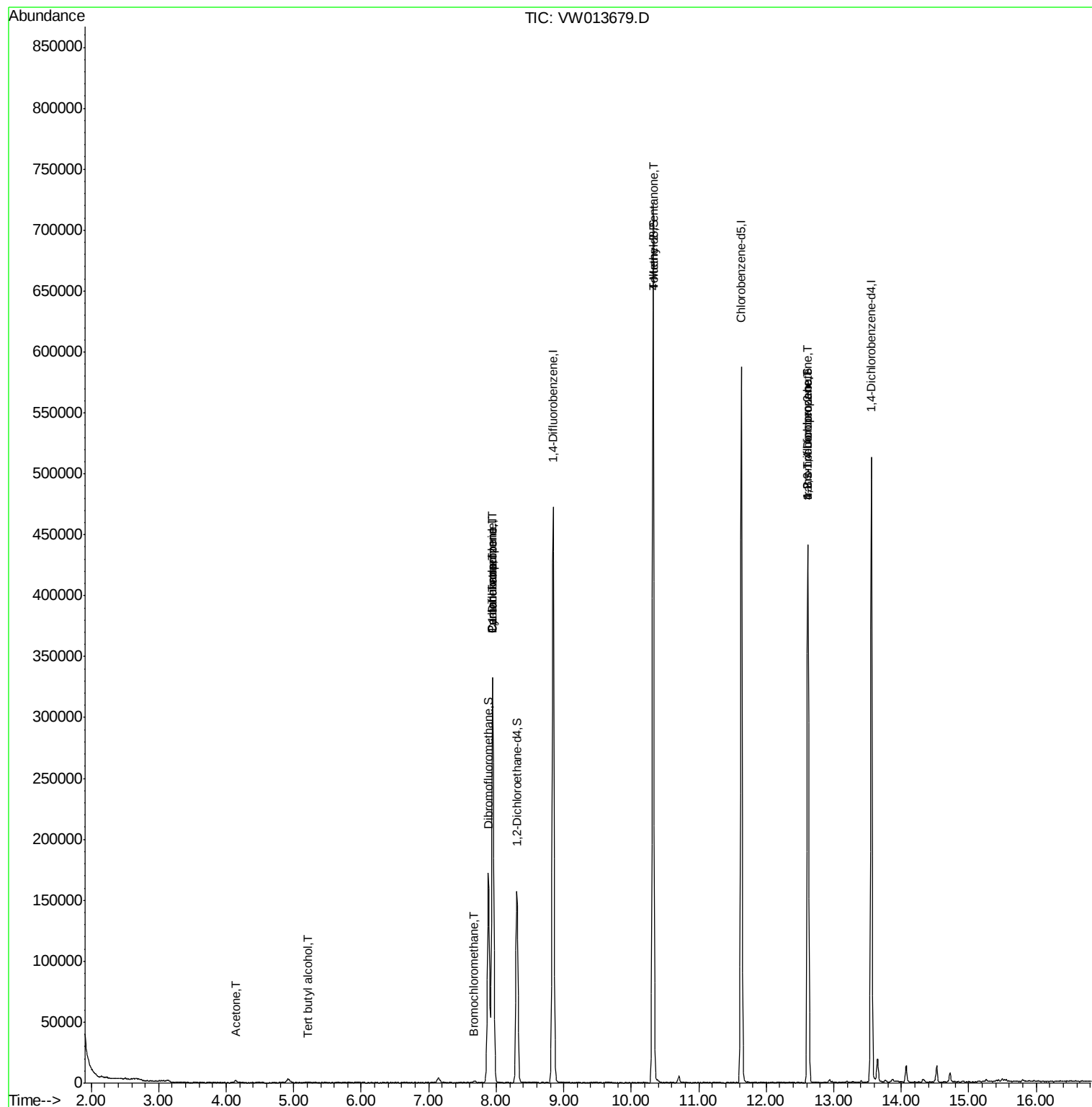
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	323	2.582	ug/l #	87
16) Acetone	4.14	43	3146	7.080	ug/l	89
20) Methylene Chloride	4.91	84	1329	Below Cal		94
28) Bromochloromethane	7.68	49	28	1.357	ug/l #	7
31) Cyclohexane	7.94	56	4710	1.011	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17083	4.328	ug/l #	48
38) Carbon Tetrachloride	7.95	117	23712	6.671	ug/l #	15
51) 4-Methyl-2-Pentanone	10.32	43	1883	1.310	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	68095	64.147	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	68095	121.229	ug/l #	14

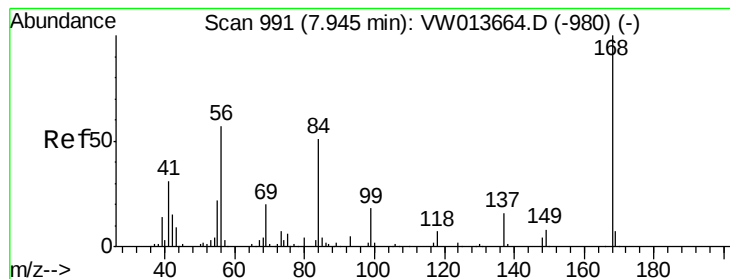
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102319\
Data File : VW013679.D
Acq On : 23 Oct 2019 20:34
Operator : SY/VA
Sample : K5485-02
Misc : 3.63G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Oct 24 07:28:01 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
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: VW013679.D

Acq: 23 Oct 2019 20:34

Instrument :

MSVOA_W

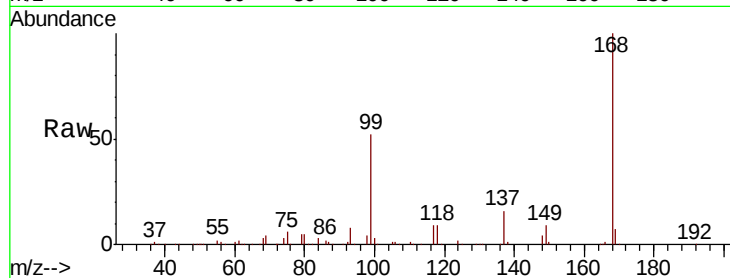
ClientSampleId :

Tot Ion:168 Resp: 279360

Ion Ratio Lower Upper

168 100

99 51.9 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

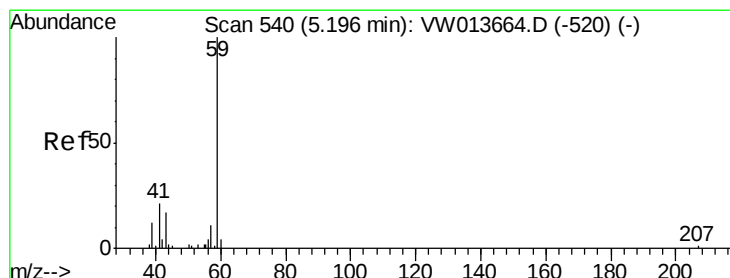
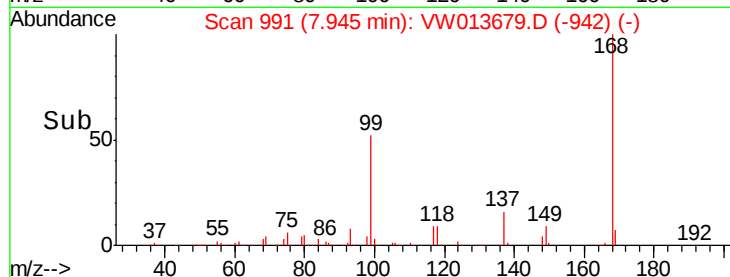
7.95

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.582 ug/l

RT: 5.20 min Scan# 541

Delta R.T. 0.01 min

Lab File: VW013679.D

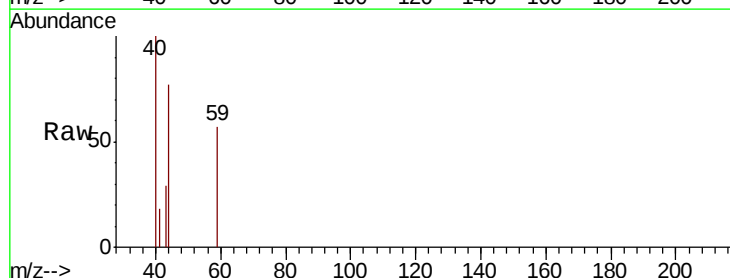
Acq: 23 Oct 2019 20:34

Tgt Ion: 59 Resp: 323

Ion Ratio Lower Upper

59 100

57 6.2 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.20

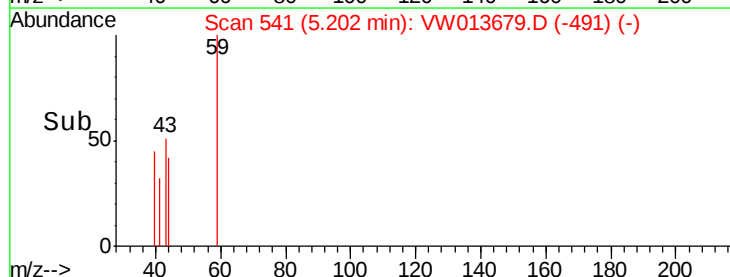
150

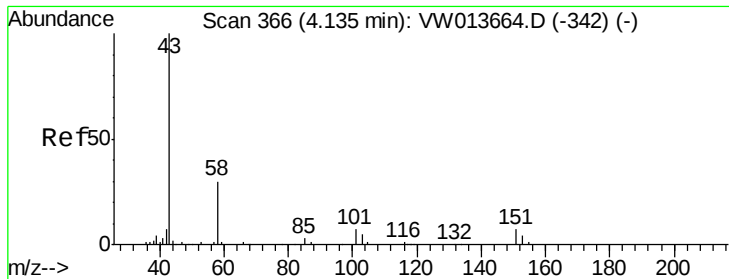
100

50

0

Time-->

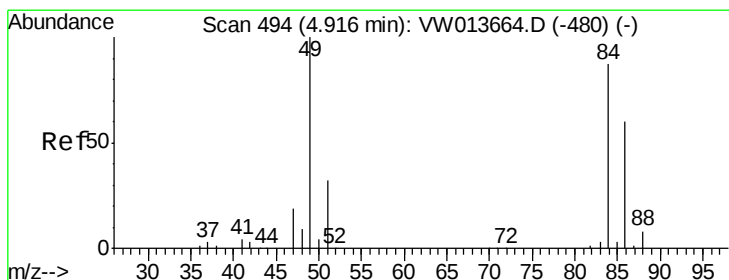
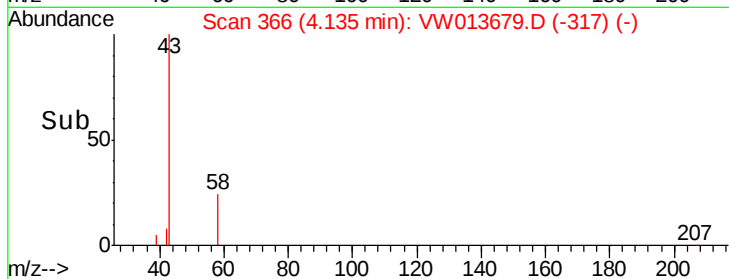
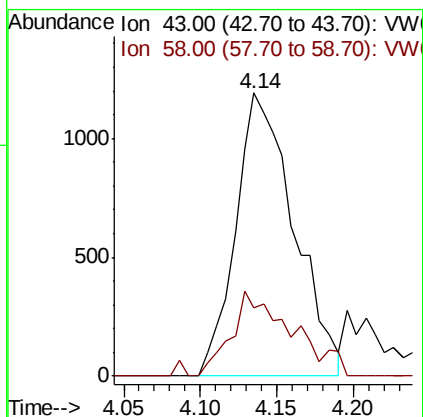
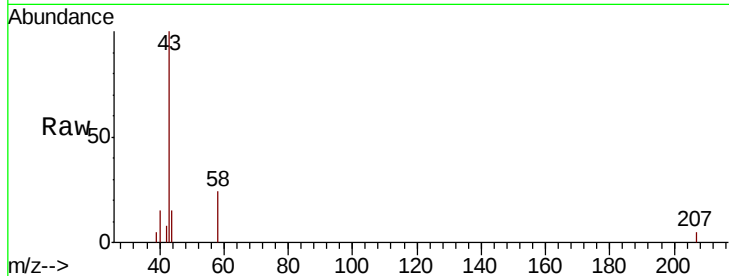




#16
Acetone
Concen: 7.080 ug/l
RT: 4.14 min Scan# 366
Delta R.T. -0.00 min
Lab File: VW013679.D
Acq: 23 Oct 2019 20:34

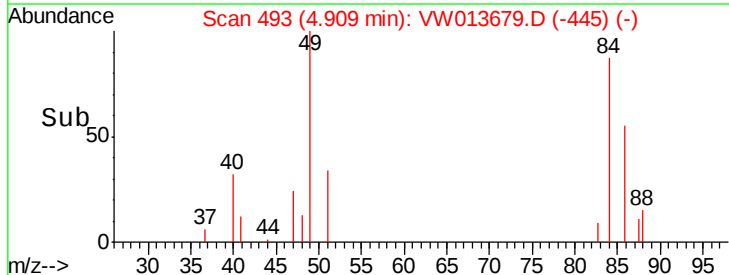
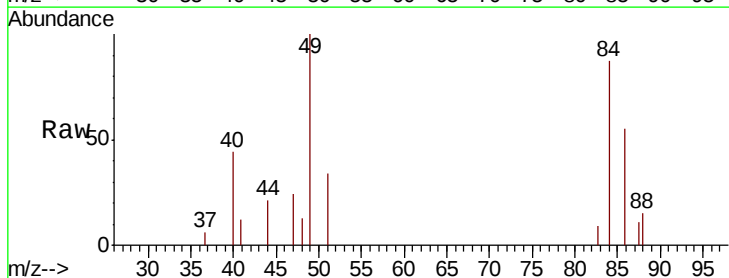
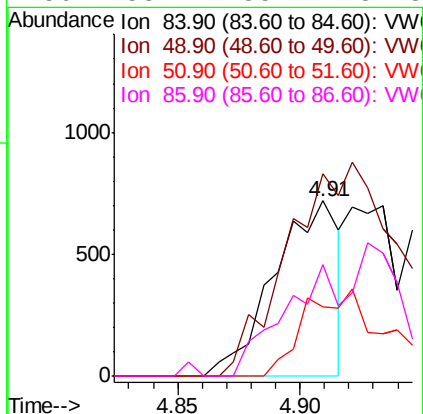
Instrument :
MSVOA_W
ClientSampleId :

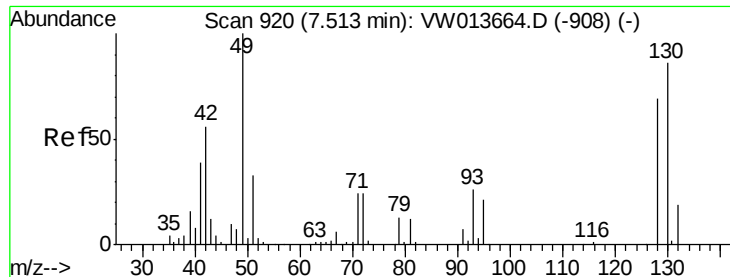
Tot Ion: 43 Resp: 3146
Ion Ratio Lower Upper
43 100
58 24.3 24.1 36.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW013679.D
Acq: 23 Oct 2019 20:34

Tgt Ion: 84 Resp: 1329
Ion Ratio Lower Upper
84 100
49 115.3 91.8 137.6
51 39.5 29.8 44.6
86 55.4 55.2 82.8





#28

Bromochloromethane

Concen: 1.357 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.17 min

Lab File: VW013679.D

Acq: 23 Oct 2019 20:34

Instrument :

MSVOA_W

ClientSampled :

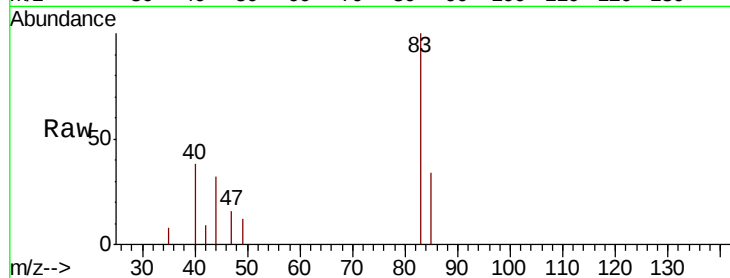
Tot Ion: 49 Resp: 28

Ion Ratio Lower Upper

49 100

129 0.0 0.0 0.6

130 0.0 67.5 101.3#



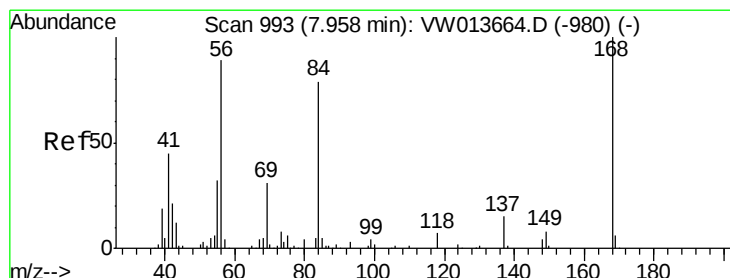
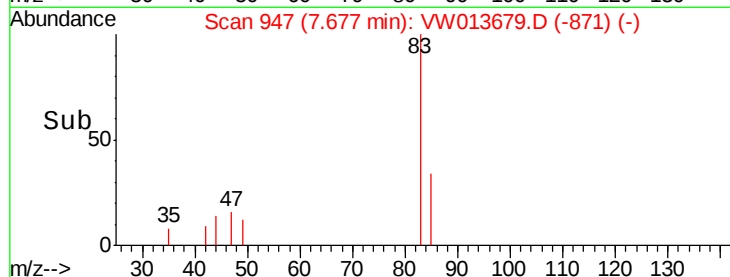
Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

7.68

Time-->



#31

Cyclohexane

Concen: 1.011 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.02 min

Lab File: VW013679.D

Acq: 23 Oct 2019 20:34

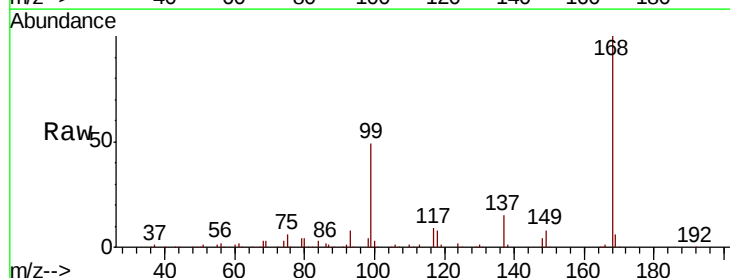
Tgt Ion: 56 Resp: 4710

Ion Ratio Lower Upper

56 100

69 184.6 27.5 41.3#

84 183.2 70.8 106.2#



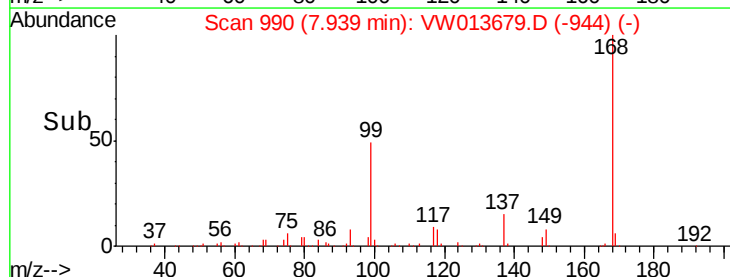
Abundance Ion 56.00 (55.70 to 56.70): VW

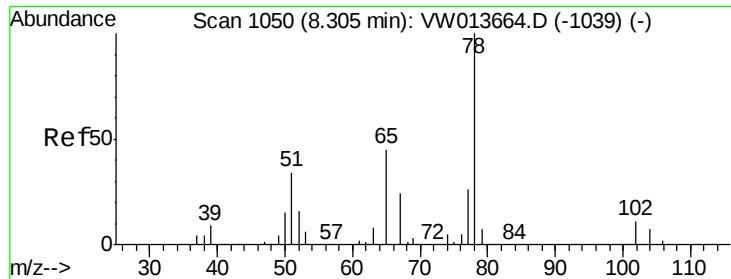
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

7.94

Time-->

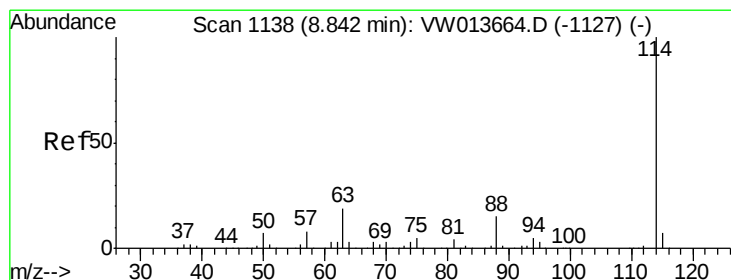
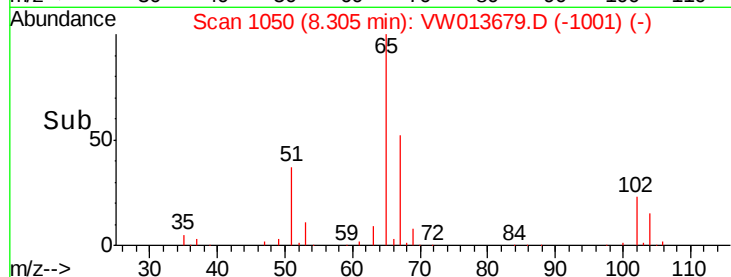
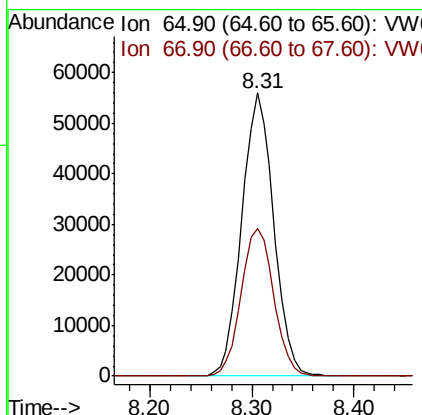
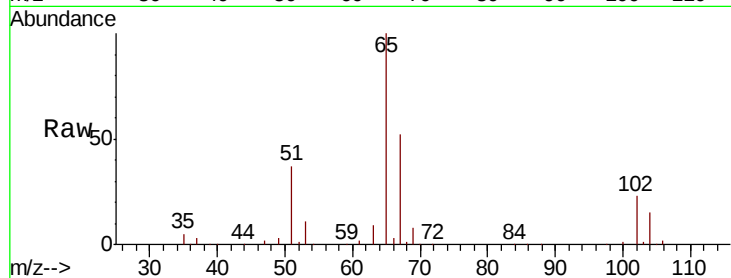




#33
 1,2-Dichloroethane-d4
 Concen: 58.161 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013679.D
 Acq: 23 Oct 2019 20:34

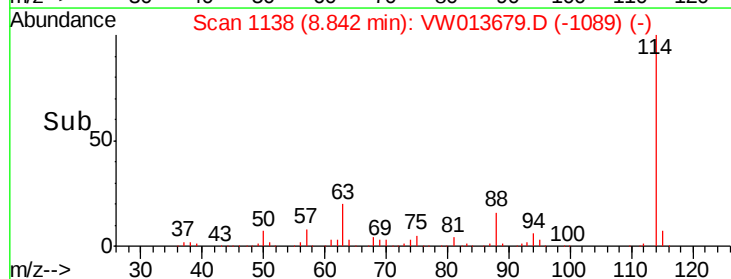
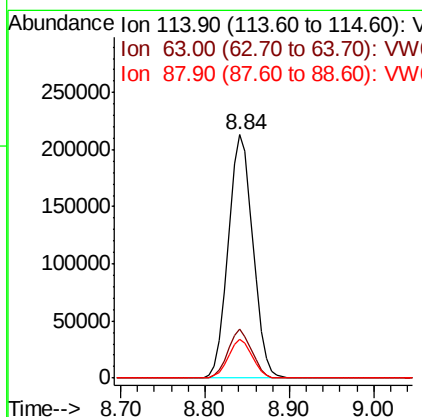
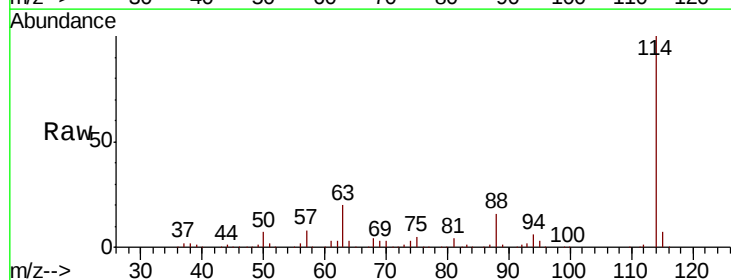
Instrument :
 MSVOA_W
 ClientSampleId :

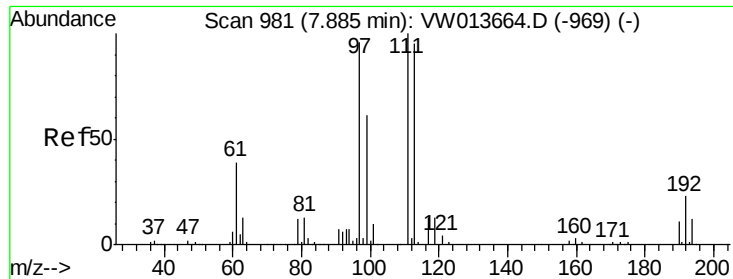
Tot Ion: 65 Resp: 121886
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013679.D
 Acq: 23 Oct 2019 20:34

Tgt Ion: 114 Resp: 423813
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 37.6
 88 15.8 0.0 30.2

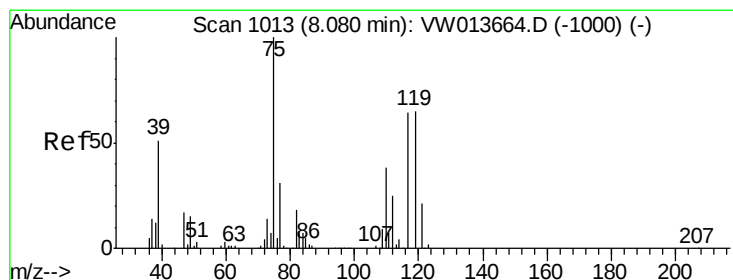
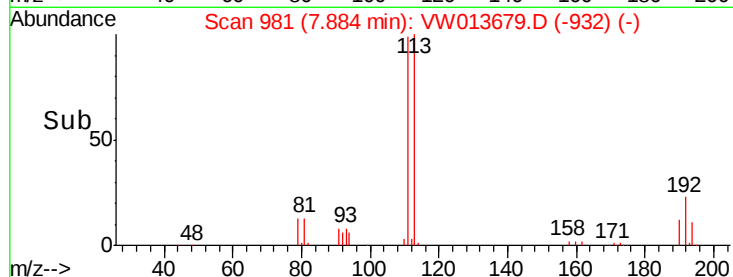
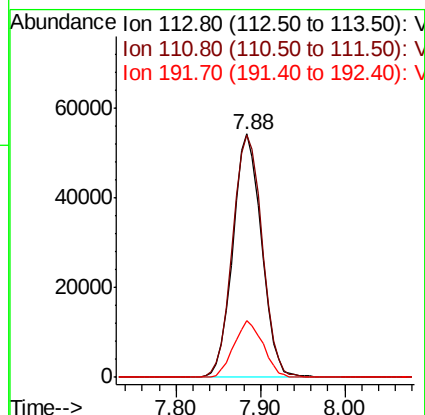
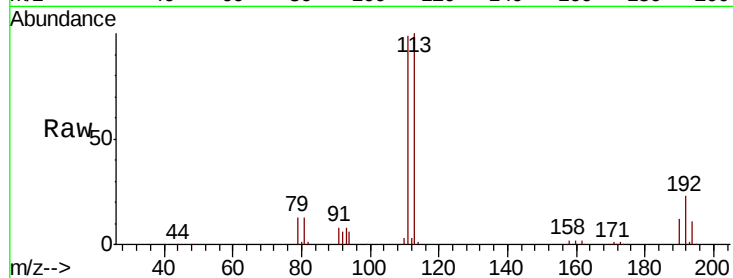




#35
 Dibromofluoromethane
 Concen: 53.052 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW013679.D
 Acq: 23 Oct 2019 20:34

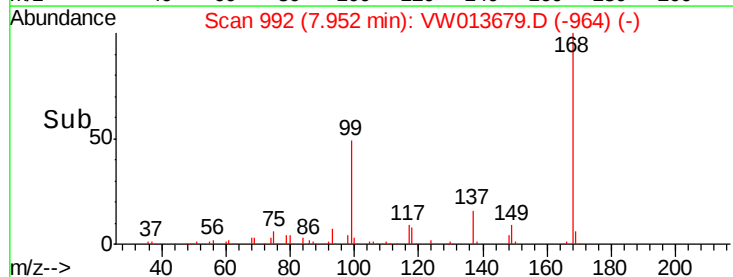
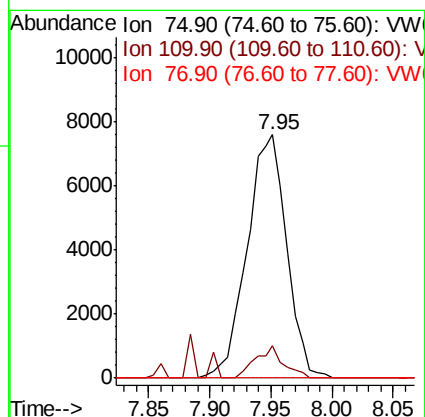
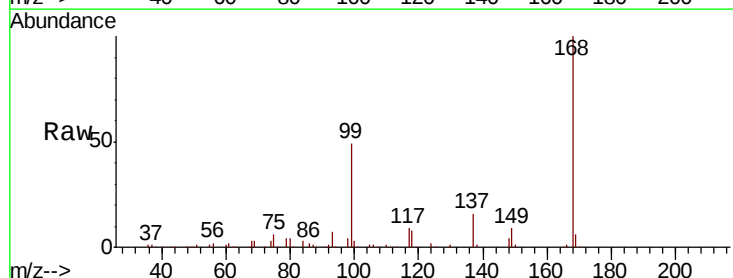
Instrument :
 MSVOA_W
 ClientSampled :

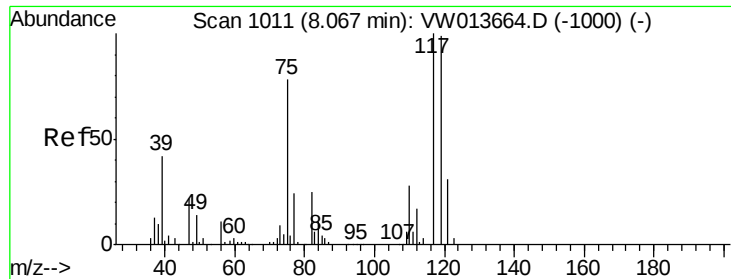
Tot Ion:113 Resp: 124935
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.0 124.6
 192 23.5 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 4.328 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW013679.D
 Acq: 23 Oct 2019 20:34

Tgt Ion: 75 Resp: 17083
 Ion Ratio Lower Upper
 75 100
 110 9.4 18.7 56.1#
 77 0.0 25.4 38.0#





#38

Carbon Tetrachloride

Concen: 6.671 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW013679.D

Acq: 23 Oct 2019 20:34

Instrument :

MSVOA_W

ClientSampled :

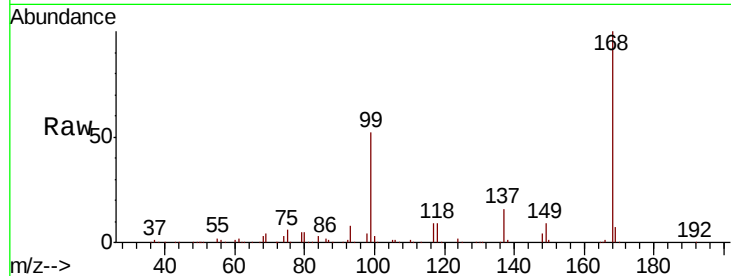
Tot Ion:117 Resp: 23712

Ion Ratio Lower Upper

117 100

119 5.4 79.0 118.4#

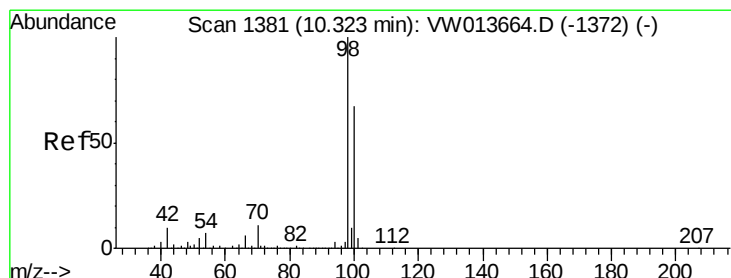
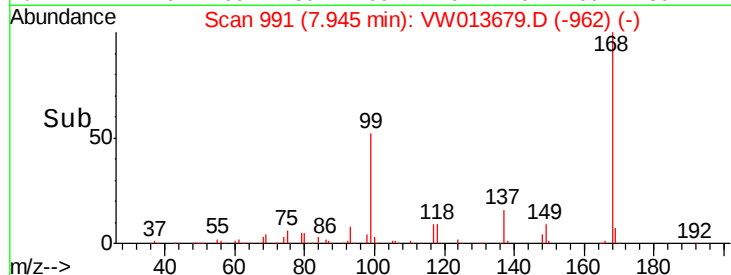
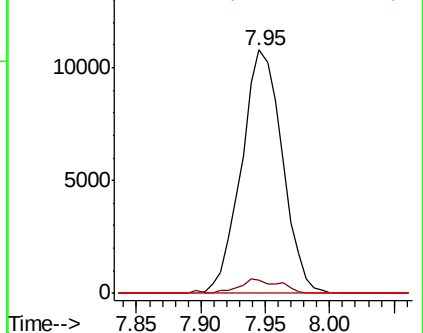
121 0.0 24.5 36.7#



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: 50.426 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013679.D

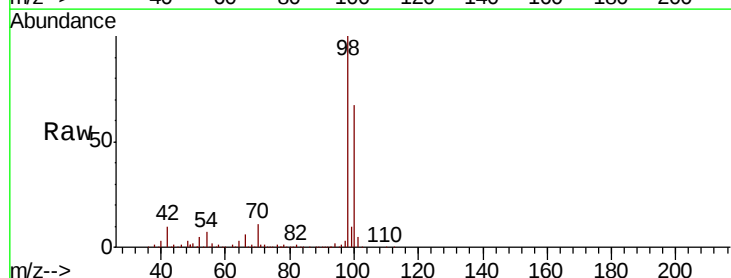
Acq: 23 Oct 2019 20:34

Tgt Ion: 98 Resp: 483875

Ion Ratio Lower Upper

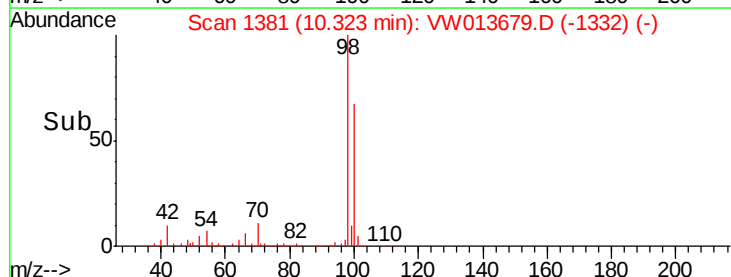
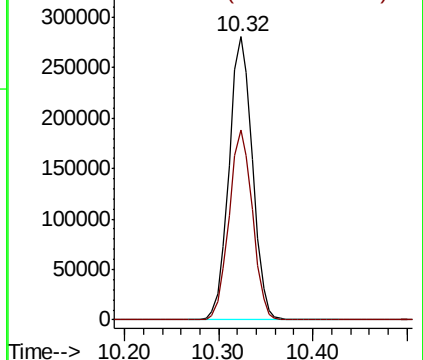
98 100

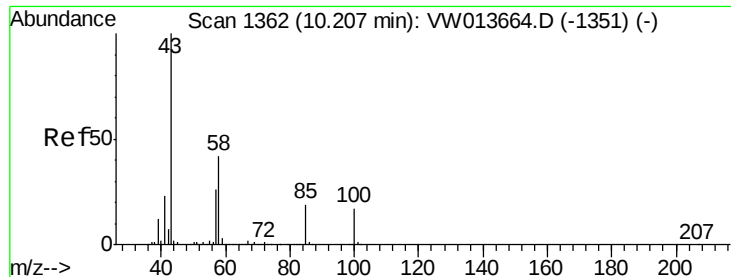
100 66.7 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 1.310 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.12 min

Lab File: VW013679.D

Acq: 23 Oct 2019 20:34

Instrument :

MSVOA_W

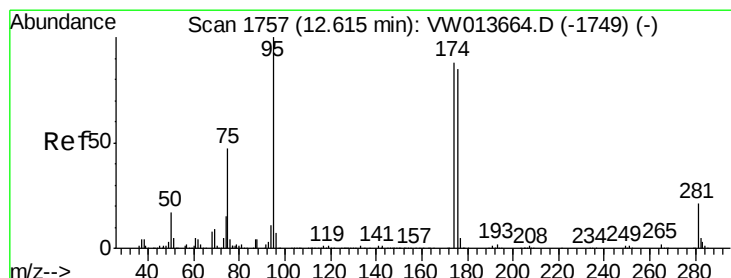
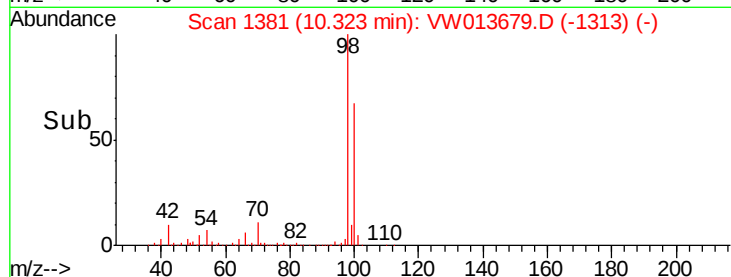
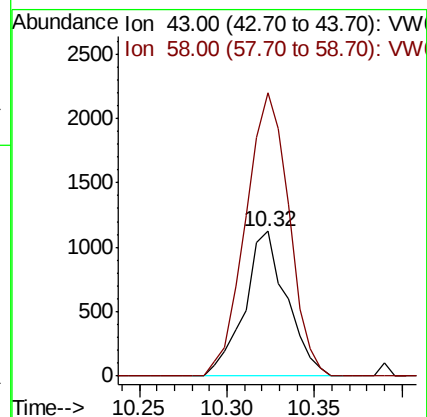
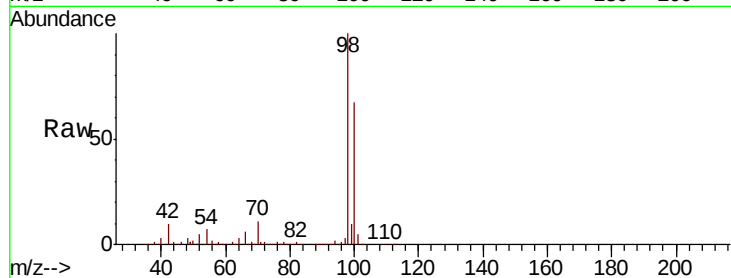
ClientSampleId :

Tot Ion: 43 Resp: 1883

Ion Ratio Lower Upper

43 100

58 201.5 32.6 49.0#



#62

4-Bromofluorobenzene

Concen: 45.242 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013679.D

Acq: 23 Oct 2019 20:34

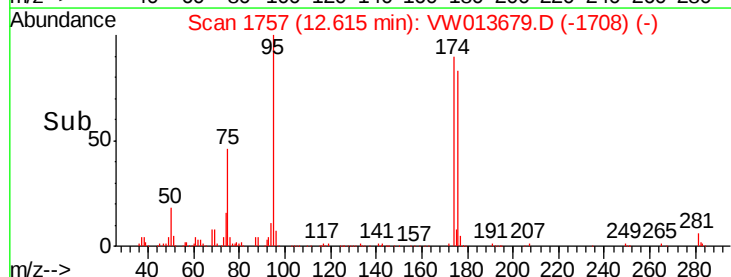
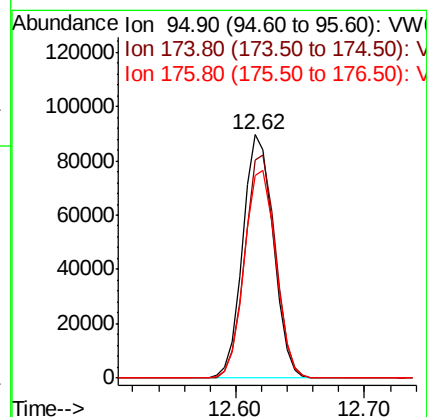
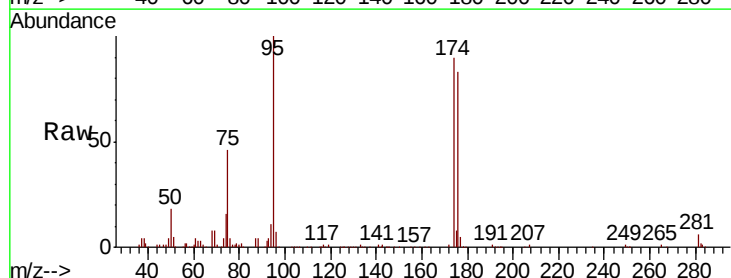
Tgt Ion: 95 Resp: 146997

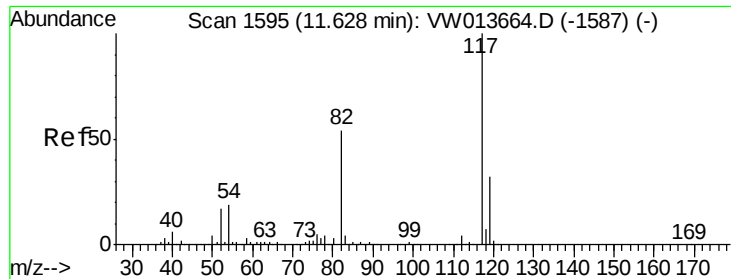
Ion Ratio Lower Upper

95 100

174 92.6 0.0 183.6

176 88.0 0.0 178.0

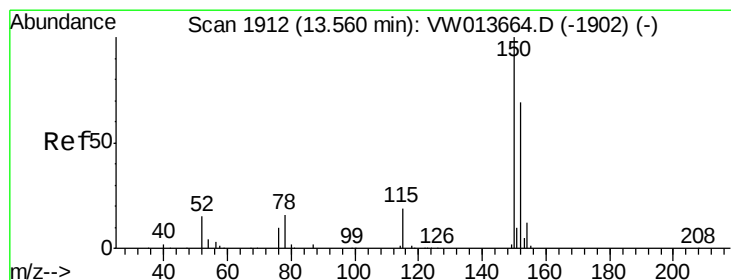
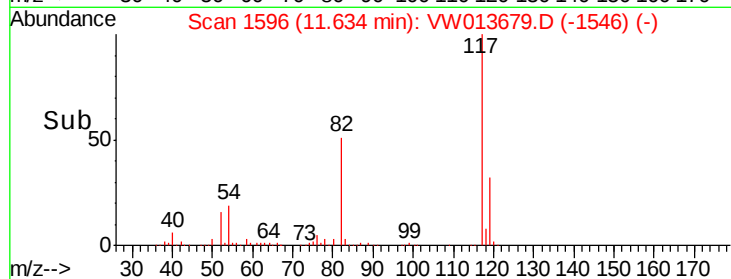
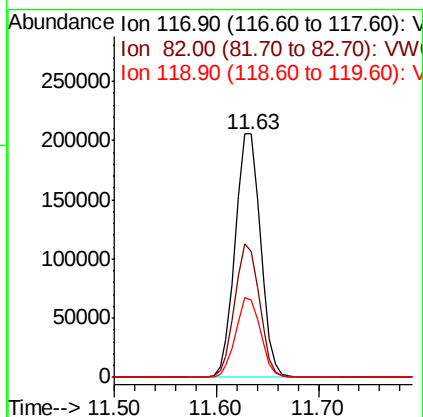
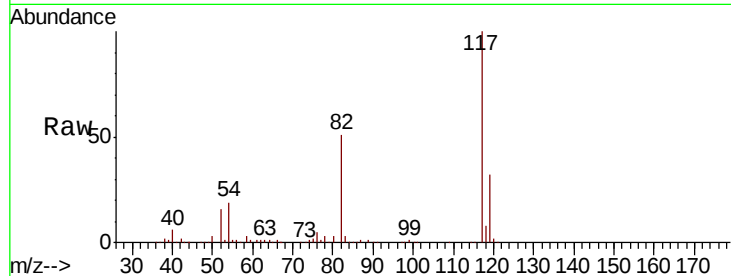




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013679.D
Acq: 23 Oct 2019 20:34

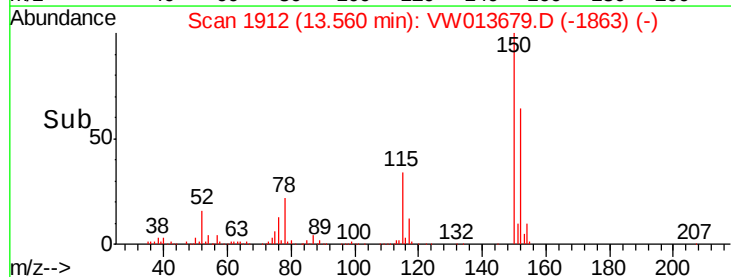
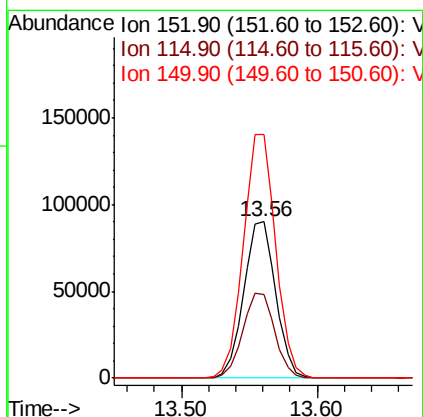
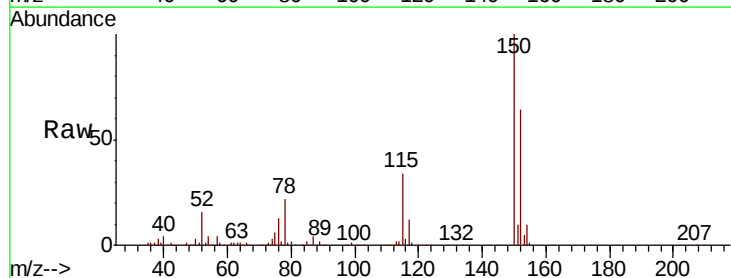
Instrument :
MSVOA_W
ClientSampleId :

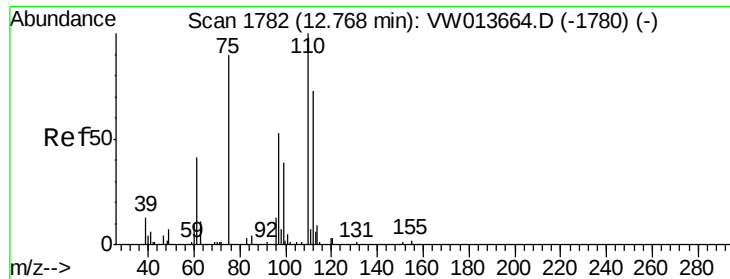
Tot Ion:117 Resp: 353022
Ion Ratio Lower Upper
117 100
82 51.4 43.6 65.4
119 31.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013679.D
Acq: 23 Oct 2019 20:34

Tgt Ion:152 Resp: 147819
Ion Ratio Lower Upper
152 100
115 54.5 27.4 82.2
150 157.3 0.0 345.4

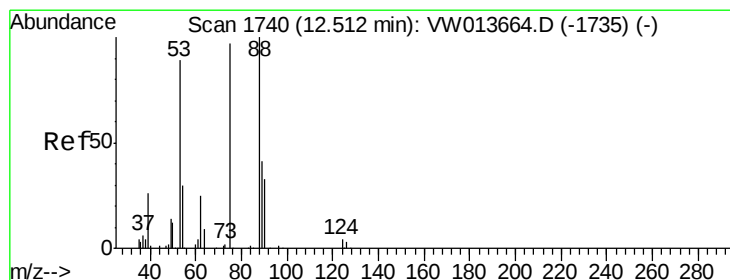
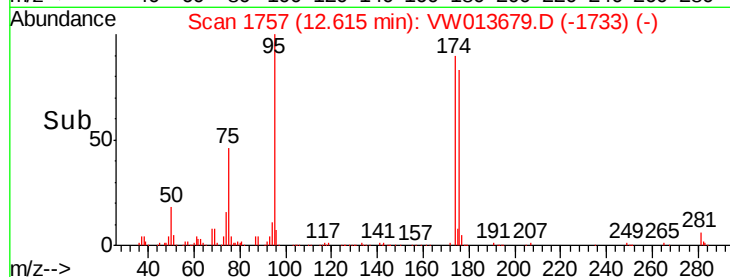
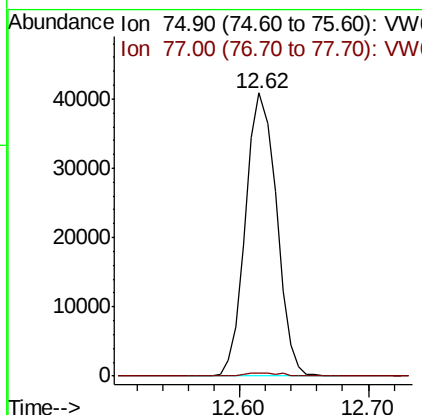
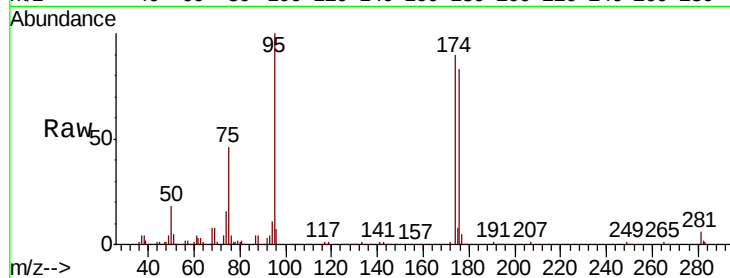




#76
 1,2,3-Trichloropropane
 Concen: 64.147 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW013679.D
 Acq: 23 Oct 2019 20:34

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 68095
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.229 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW013679.D
 Acq: 23 Oct 2019 20:34

Tgt Ion: 75 Resp: 68095
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.7 107.5#
 89 0.1 35.8 53.8#

