

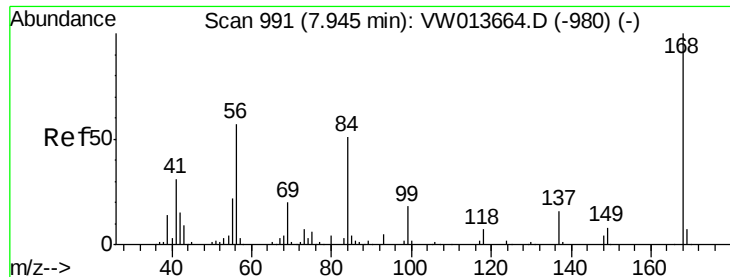
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102419\
 Data File : VW013717.D
 Acq On : 24 Oct 2019 18:02
 Operator : SY/VA
 Sample : K5501-10RE
 Misc : 5.22G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 185-56-(2.2)RE

Quant Time: Oct 25 07:59:34 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	36076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	50624	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	41327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	10727	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	15910	58.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.58%	
35) Dibromofluoromethane	7.88	113	16029	56.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.96%	
50) Toluene-d8	10.32	98	56259	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
62) 4-Bromofluorobenzene	12.62	95	14719	37.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.84%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.17	59	46	2.847	ug/l #	71
16) Acetone	4.12	43	1127	19.640	ug/l #	82
20) Methylene Chloride	4.91	84	1366	Below Cal		97
31) Cyclohexane	7.95	56	664	1.104	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	2545	5.398	ug/l #	44
38) Carbon Tetrachloride	7.95	117	2917	6.871	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	268	1.561	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	6398	83.053	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	6398	156.959	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: VW013717.D

Acq: 24 Oct 2019 18:02

Instrument :

MSVOA_W

ClientSampleId :

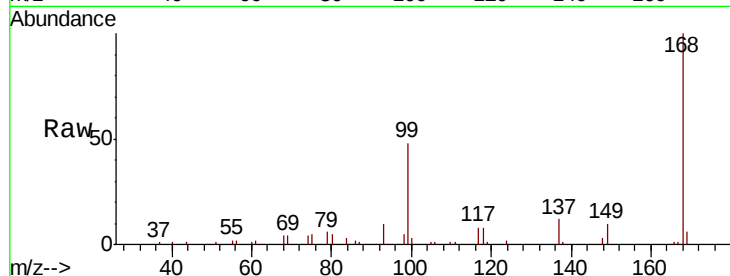
185-56-(2.2)RE

Tot Ion:168 Resp: 36076

Ion Ratio Lower Upper

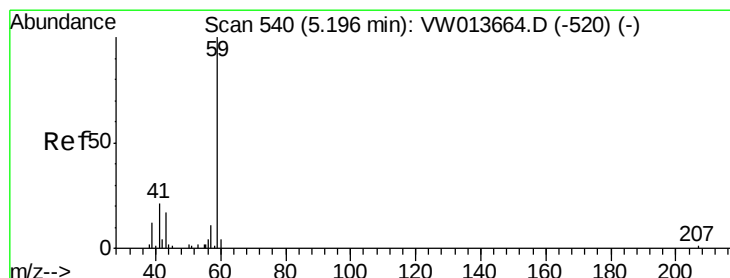
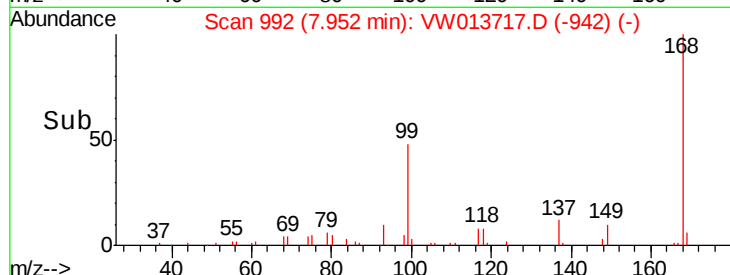
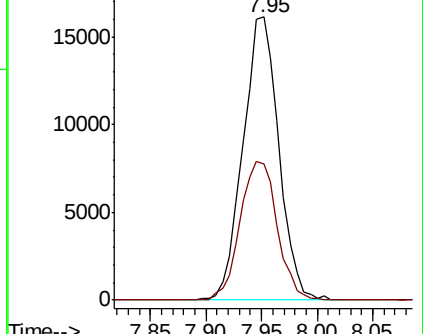
168 100

99 48.2 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.847 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.03 min

Lab File: VW013717.D

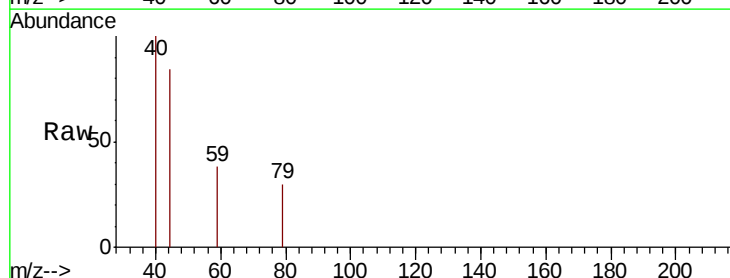
Acq: 24 Oct 2019 18:02

Tgt Ion: 59 Resp: 46

Ion Ratio Lower Upper

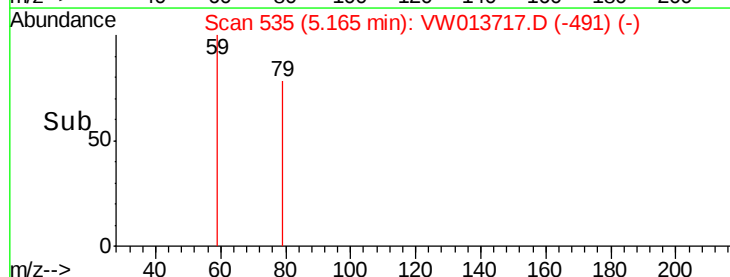
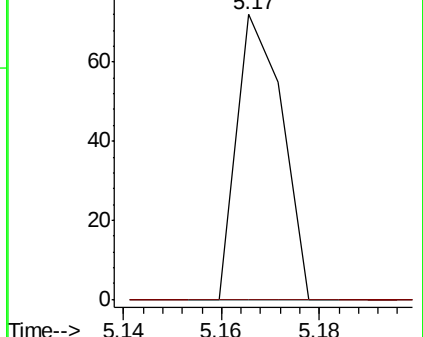
59 100

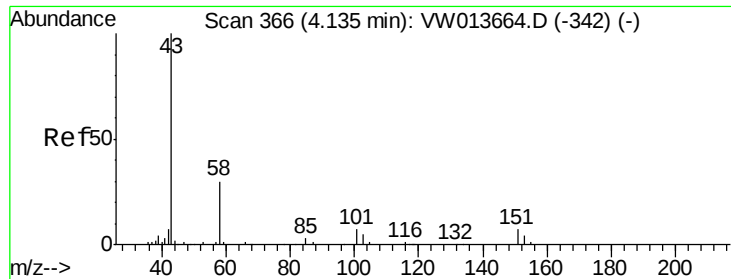
57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

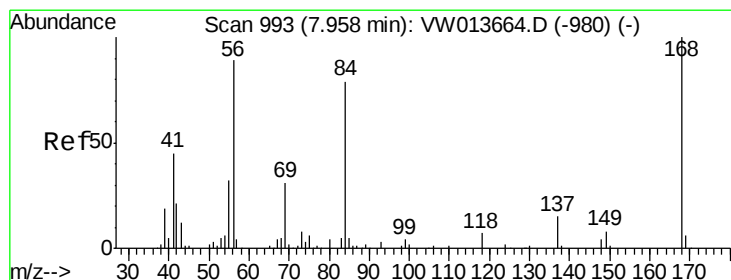
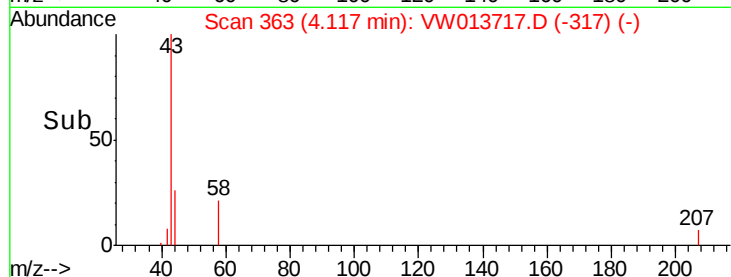
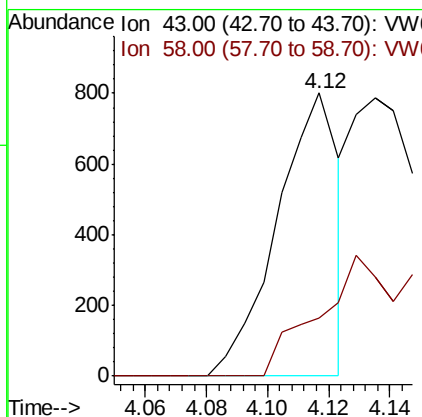
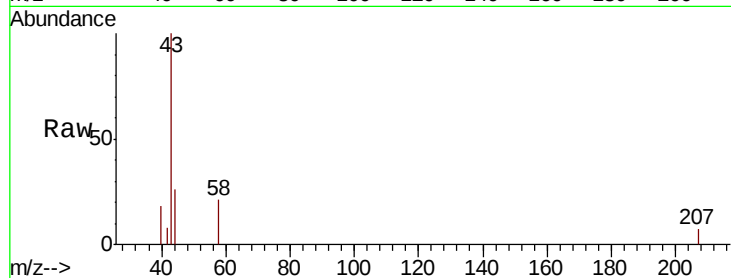




#16
Acetone
Concen: 19.640 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.02 min
Lab File: VW013717.D
Acq: 24 Oct 2019 18:02

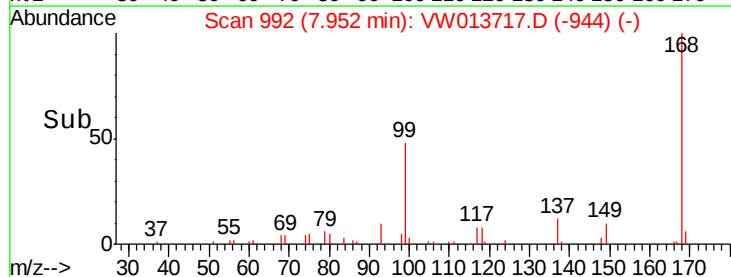
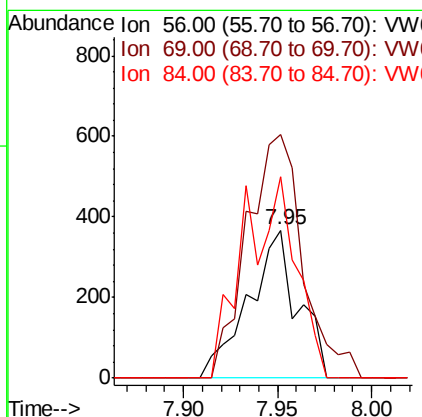
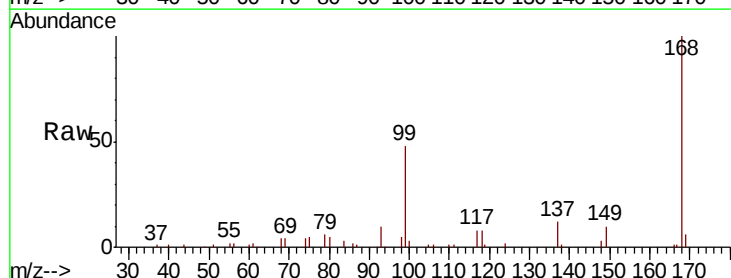
Instrument :
MSVOA_W
ClientSampleId :
185-56-(2.2)RE

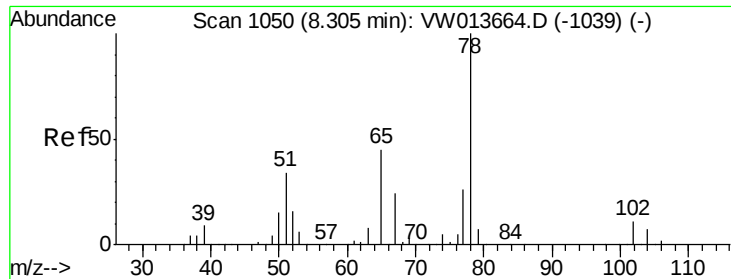
Tot Ion: 43 Resp: 1127
Ion Ratio Lower Upper
43 100
58 20.6 24.1 36.1#



#31
Cyclohexane
Concen: 1.104 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW013717.D
Acq: 24 Oct 2019 18:02

Tgt Ion: 56 Resp: 664
Ion Ratio Lower Upper
56 100
69 164.1 27.5 41.3#
84 135.9 70.8 106.2#

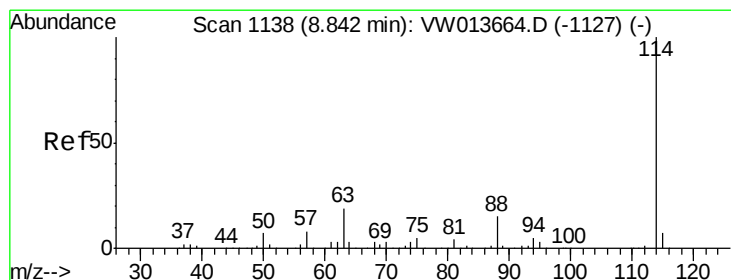
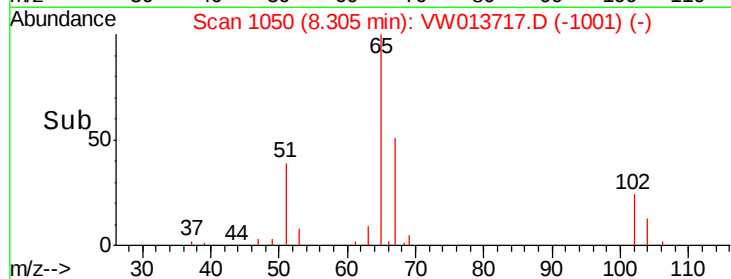
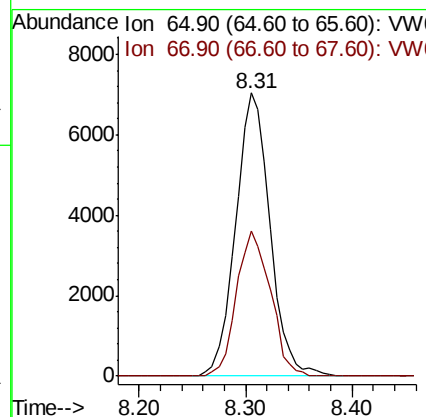
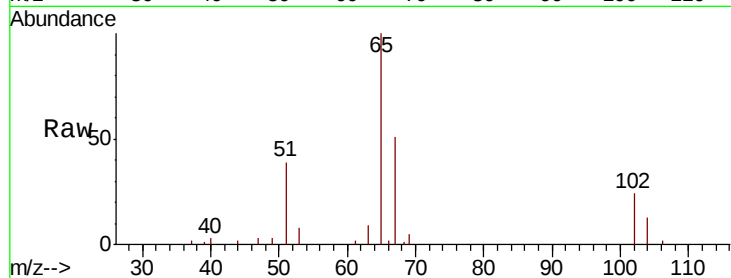




#33
 1,2-Dichloroethane-d4
 Concen: 58.789 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW013717.D
 Acq: 24 Oct 2019 18:02

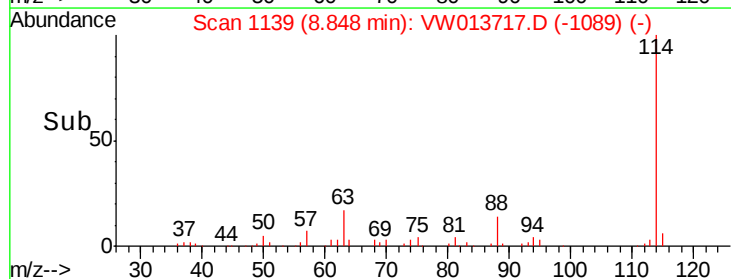
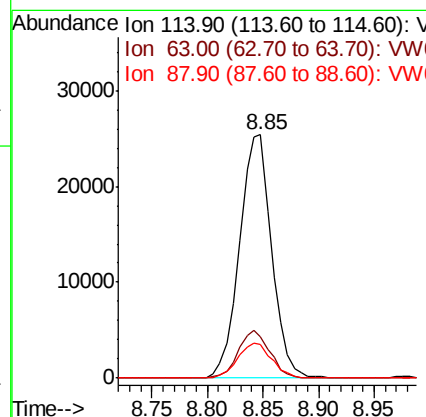
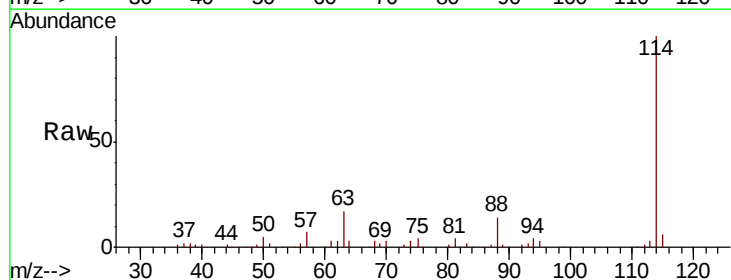
Instrument :
 MSVOA_W
 ClientSampleId :
 185-56-(2.2)RE

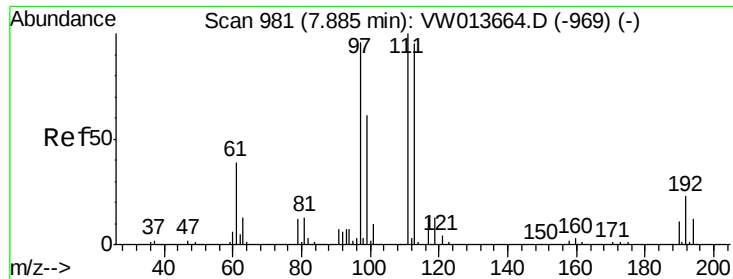
Tot Ion: 65 Resp: 15910
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW013717.D
 Acq: 24 Oct 2019 18:02

Tgt Ion: 114 Resp: 50624
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 37.6
 88 14.0 0.0 30.2

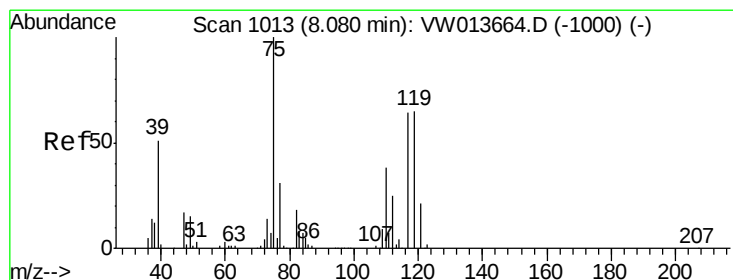
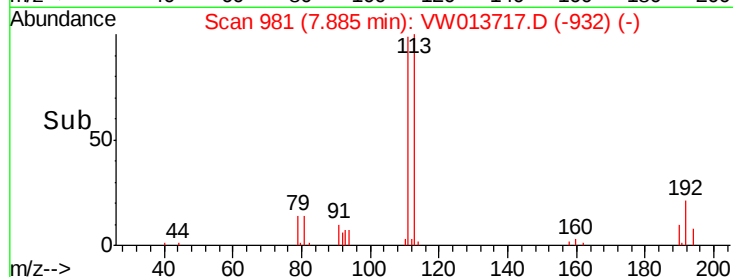
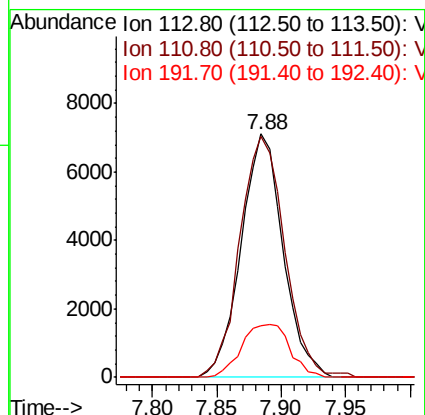
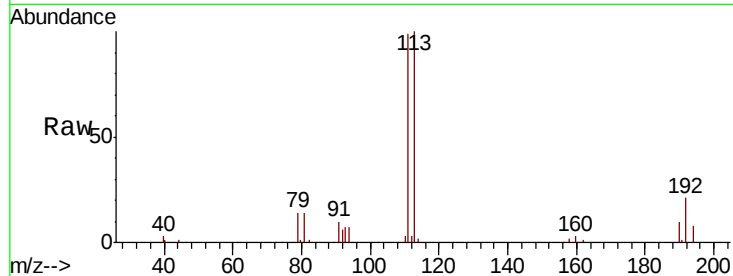




#35
 Dibromofluoromethane
 Concen: 56.983 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW013717.D
 Acq: 24 Oct 2019 18:02

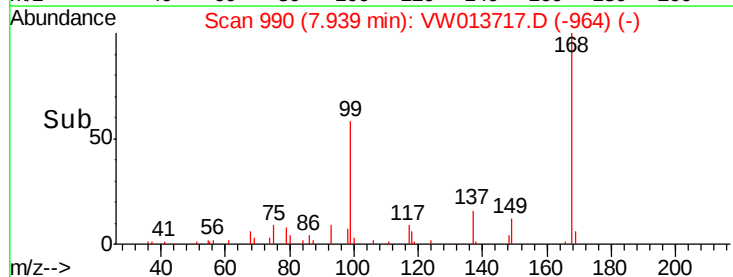
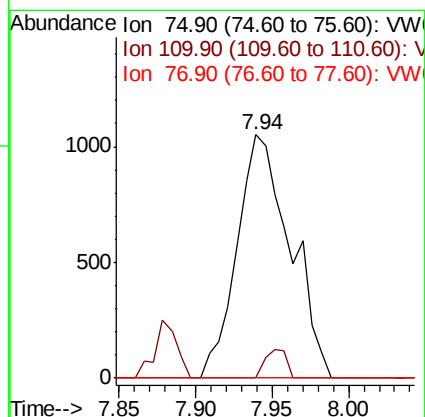
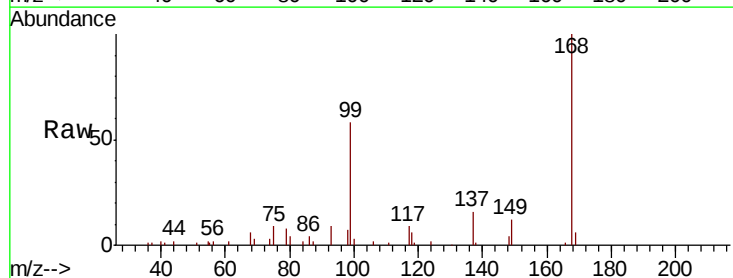
Instrument :
 MSVOA_W
 ClientSampleId :
 185-56-(2.2)RE

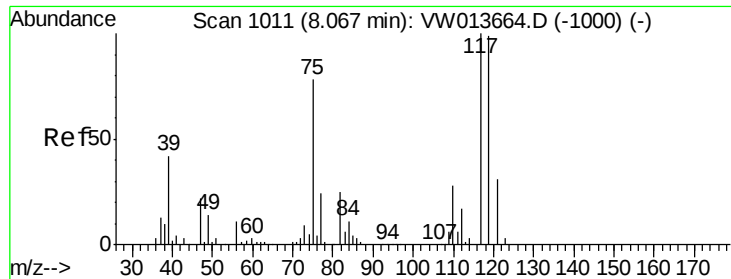
Tot Ion:113 Resp: 16029
 Ion Ratio Lower Upper
 113 100
 111 106.0 83.0 124.6
 192 24.9 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 5.398 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW013717.D
 Acq: 24 Oct 2019 18:02

Tgt Ion: 75 Resp: 2545
 Ion Ratio Lower Upper
 75 100
 110 4.8 18.7 56.1#
 77 0.0 25.4 38.0#

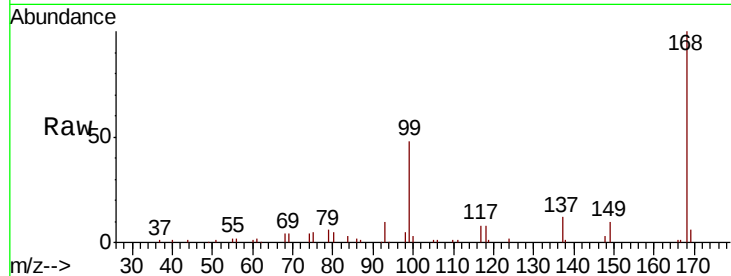




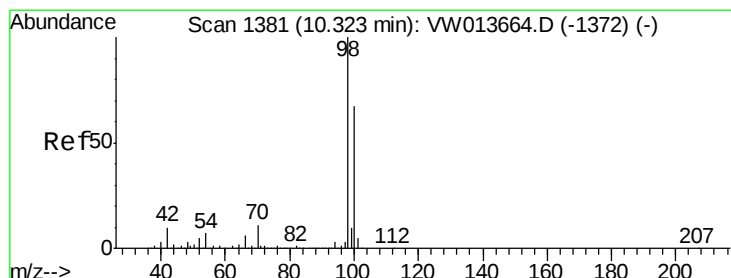
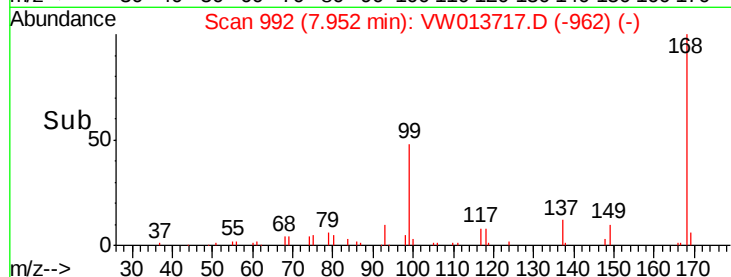
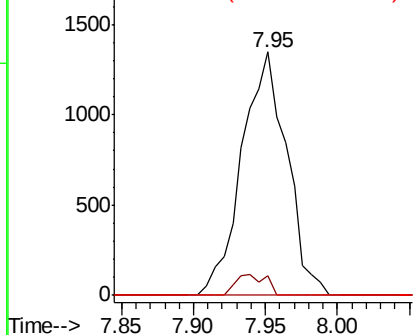
#38
Carbon Tetrachloride
Concen: 6.871 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW013717.D
Acq: 24 Oct 2019 18:02

Instrument :
MSVOA_W
ClientSampleId :
185-56-(2.2)RE

Tot Ion:117 Resp: 2917
Ion Ratio Lower Upper
117 100
119 8.3 79.0 118.4#
121 0.0 24.5 36.7#

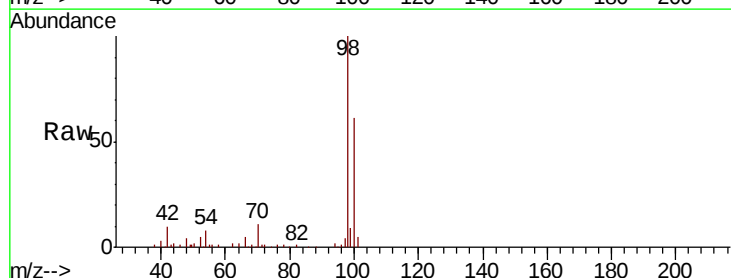


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

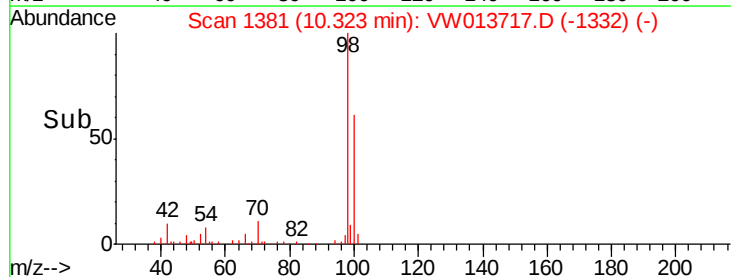
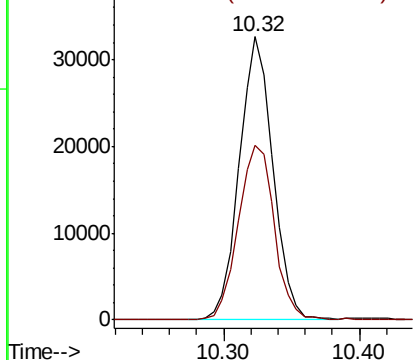


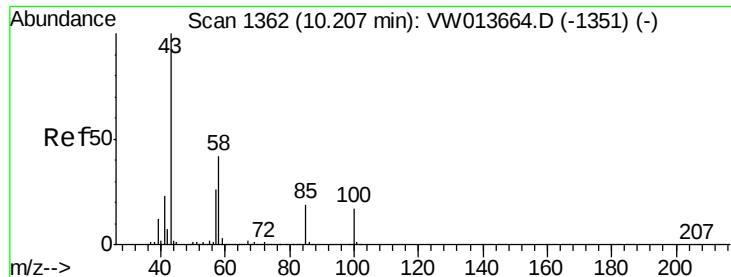
#50
Toluene-d8
Concen: 49.083 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013717.D
Acq: 24 Oct 2019 18:02

Tgt Ion: 98 Resp: 56259
Ion Ratio Lower Upper
98 100
100 66.0 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 1.561 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.12 min

Lab File: VW013717.D

Acq: 24 Oct 2019 18:02

Instrument :

MSVOA_W

ClientSampleId :

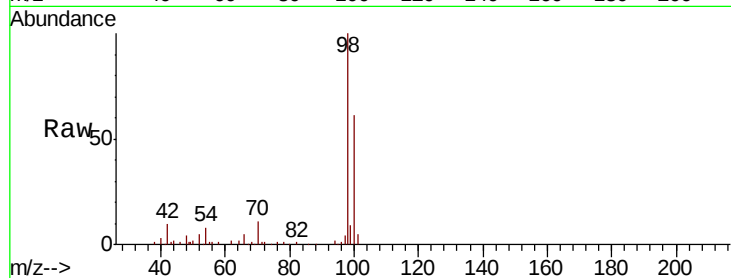
185-56-(2.2)RE

Tot Ion: 43 Resp: 268

Ion Ratio Lower Upper

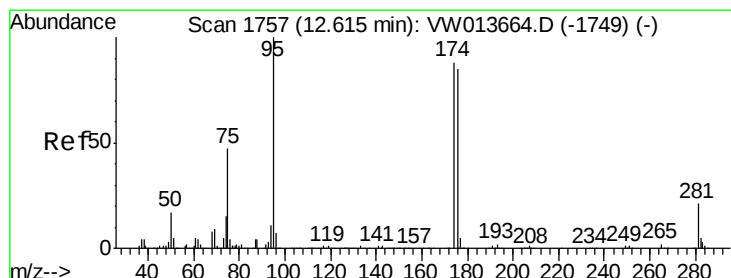
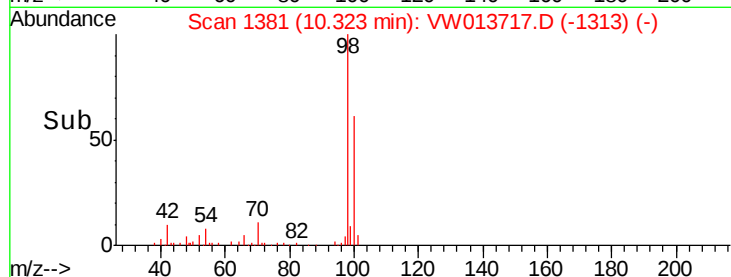
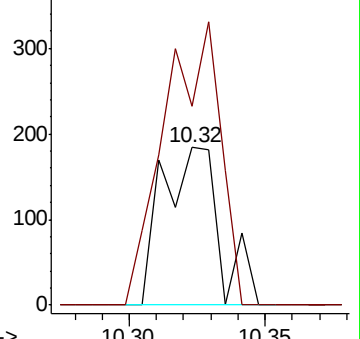
43 100

58 175.4 32.6 49.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#62

4-Bromofluorobenzene

Concen: 37.925 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013717.D

Acq: 24 Oct 2019 18:02

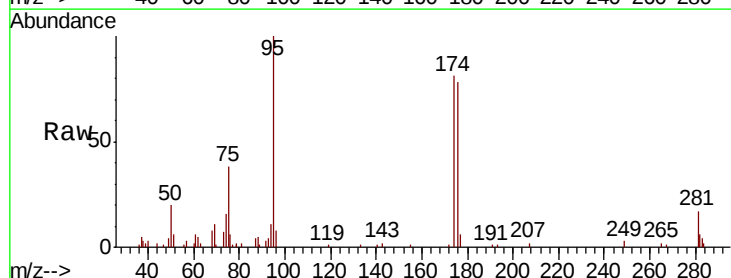
Tgt Ion: 95 Resp: 14719

Ion Ratio Lower Upper

95 100

174 83.7 0.0 183.6

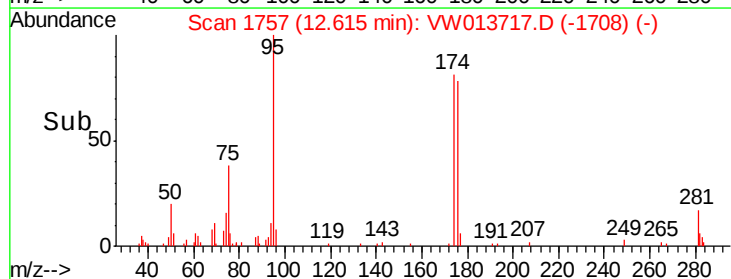
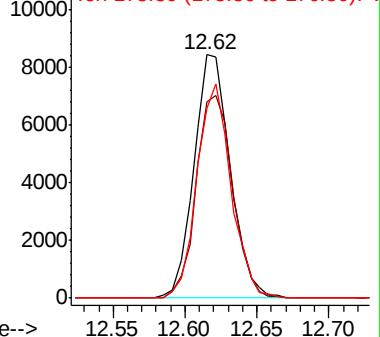
176 82.5 0.0 178.0

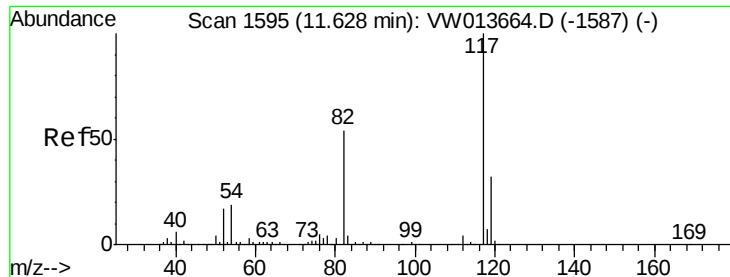


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

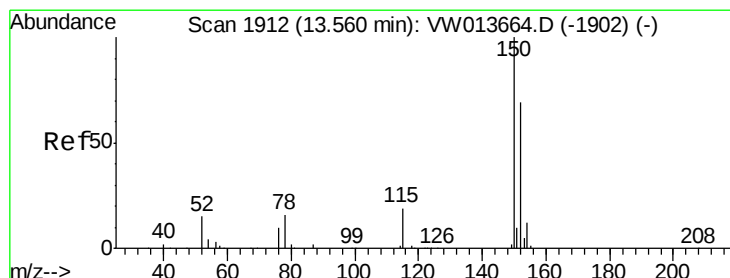
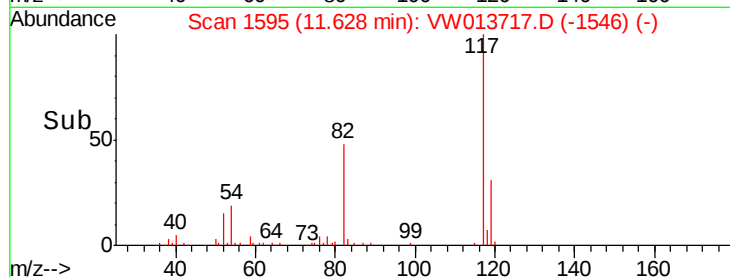
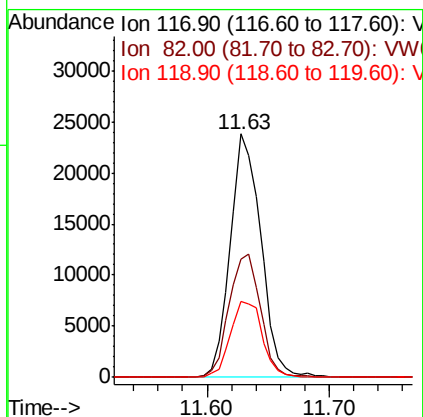
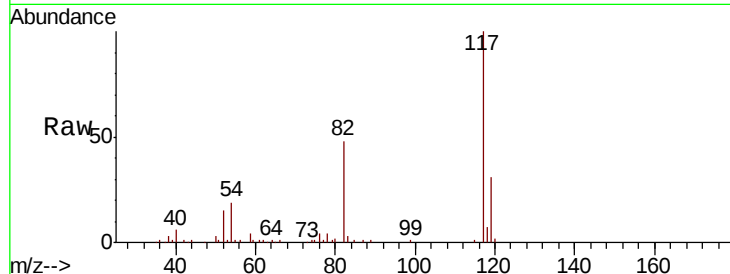




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013717.D
Acq: 24 Oct 2019 18:02

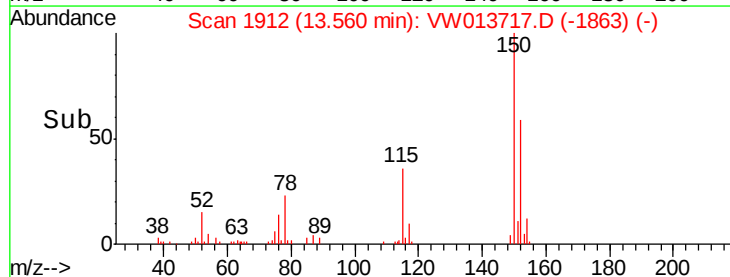
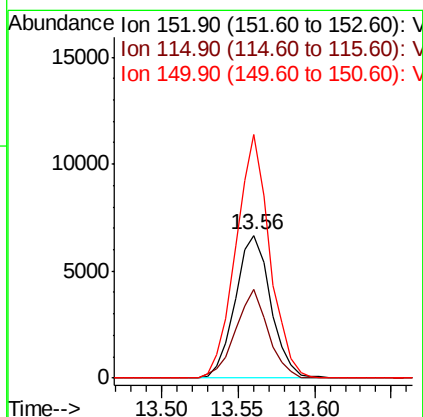
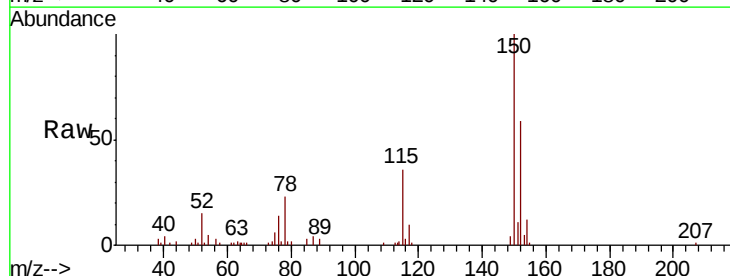
Instrument :
MSVOA_W
ClientSampleId :
185-56-(2.2)RE

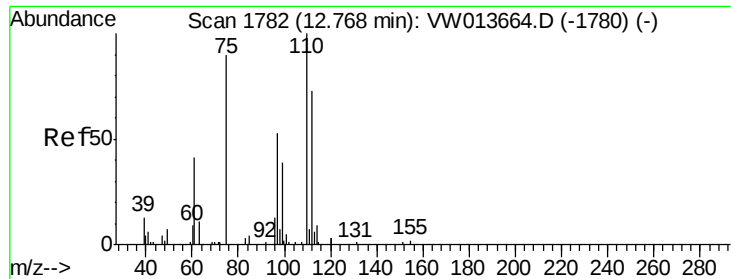
Tot Ion	Ratio	Lower	Upper
117	100		
82	48.4	43.6	65.4
119	31.1	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW013717.D
Acq: 24 Oct 2019 18:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.3	27.4	82.2
150	162.3	0.0	345.4





#76

1,2,3-Trichloropropane

Concen: 83.053 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW013717.D

Acq: 24 Oct 2019 18:02

Instrument :

MSVOA_W

ClientSampleId :

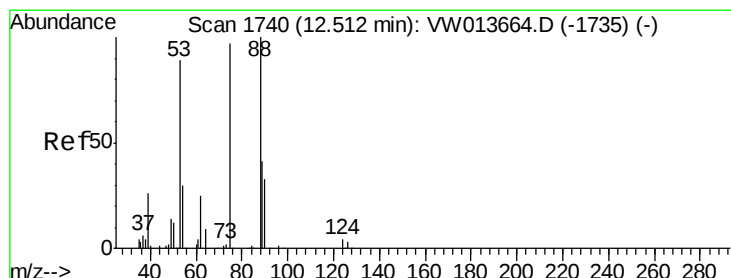
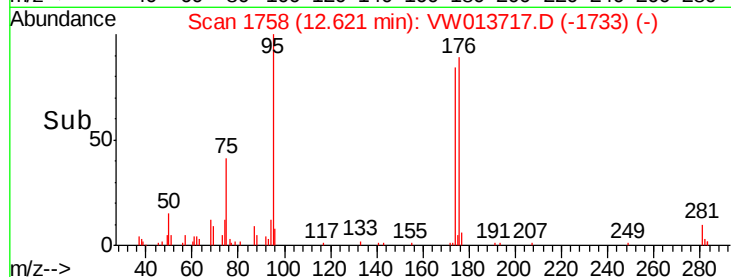
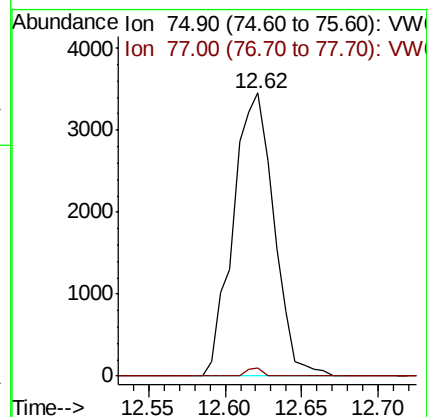
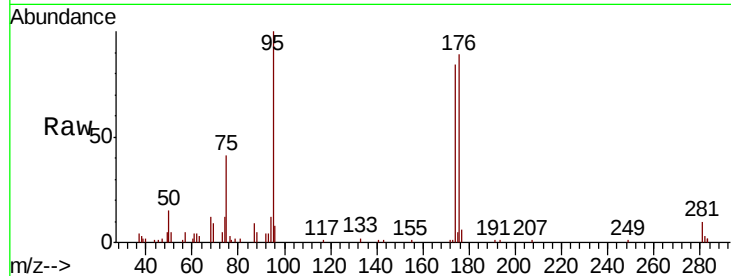
185-56-(2.2)RE

Tot Ion: 75 Resp: 6398

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 156.959 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW013717.D

Acq: 24 Oct 2019 18:02

Tgt Ion: 75 Resp: 6398

Ion Ratio Lower Upper

75 100

53 0.0 71.7 107.5#

89 0.3 35.8 53.8#

