

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042020\
 Data File : VW015243.D
 Acq On : 20 Apr 2020 23:54
 Operator : SY/VA
 Sample : L2304-07
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-B2-VOA

Quant Time: Apr 21 07:00:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	199282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	283224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	256627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	115332	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	80315	49.28	ug/l	0.00
Spiked Amount			Recovery	=	98.56%	
35) Dibromofluoromethane	7.88	113	79965	50.97	ug/l	0.00
Spiked Amount			Recovery	=	101.94%	
50) Toluene-d8	10.32	98	341022	51.67	ug/l	0.00
Spiked Amount			Recovery	=	103.34%	
62) 4-Bromofluorobenzene	12.62	95	116442	46.24	ug/l	0.00
Spiked Amount			Recovery	=	92.48%	

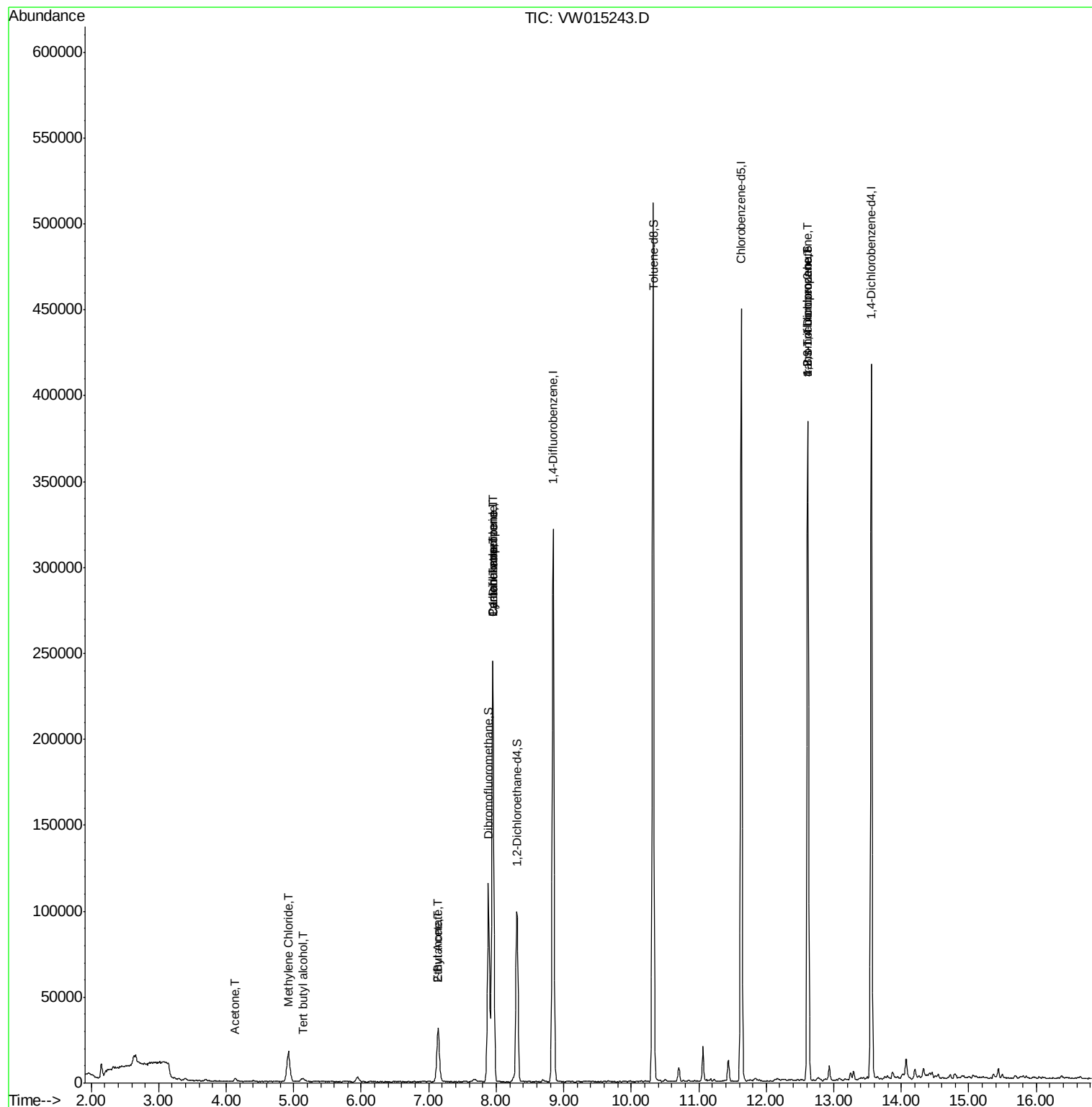
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.14	59	2327	17.517	ug/l #	75
16) Acetone	4.14	43	3062	10.758	ug/l #	87
20) Methylene Chloride	4.92	84	14466	7.755	ug/l	91
25) 2-Butanone	7.13	43	1579	4.181	ug/l #	48
31) Cyclohexane	7.95	56	3841	1.275	ug/l #	14
36) 1,1-Dichloropropene	7.95	75	13076	5.115	ug/l #	50
37) Ethyl Acetate	7.13	43	1579	1.903	ug/l #	1
38) Carbon Tetrachloride	7.95	117	17933	6.420	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	58152	65.177	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	58152	142.477	ug/l #	15

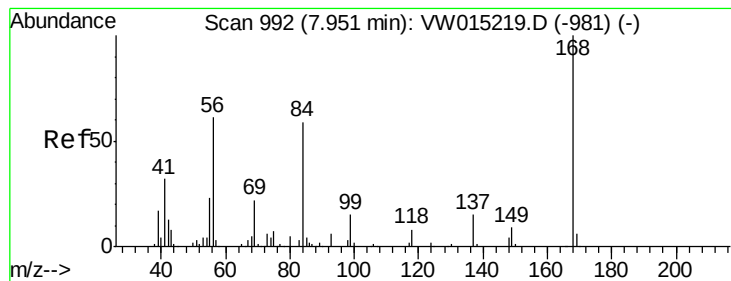
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042020\
Data File : VW015243.D
Acq On : 20 Apr 2020 23:54
Operator : SY/VA
Sample : L2304-07
Misc : 5.04G/5ML/MSVOA W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WC-B2-VOA

Quant Time: Apr 21 07:00:07 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 21 06:39:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015243.D

Acq: 20 Apr 2020 23:54

Instrument :

MSVOA_W

ClientSampled :

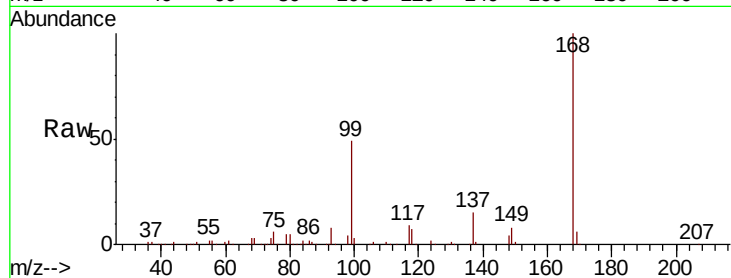
WC-B2-VOA

Tot Ion:168 Resp: 199282

Ion Ratio Lower Upper

168 100

99 48.9 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

40000

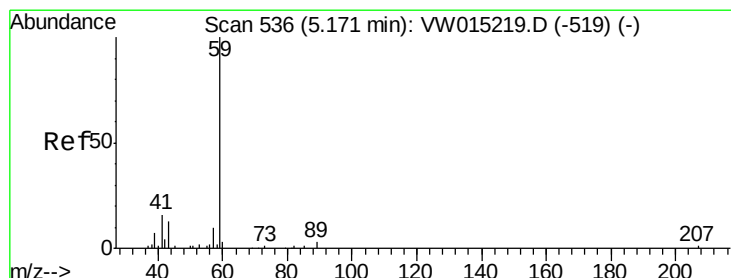
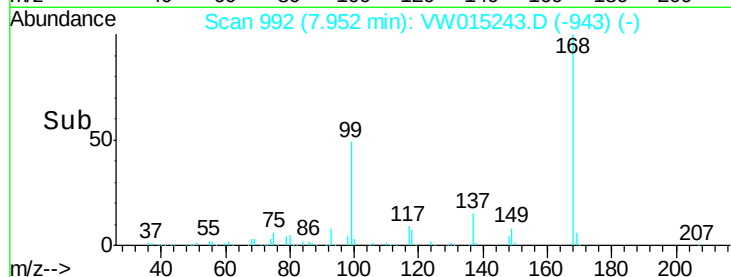
20000

0

7.90

8.00

Time-->



#11

Tert butyl alcohol

Concen: 17.517 ug/l

RT: 5.14 min Scan# 531

Delta R.T. -0.03 min

Lab File: VW015243.D

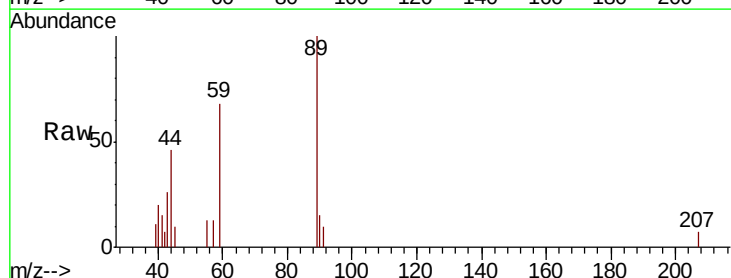
Acq: 20 Apr 2020 23:54

Tgt Ion: 59 Resp: 2327

Ion Ratio Lower Upper

59 100

57 1.2 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.14

600

500

400

300

200

100

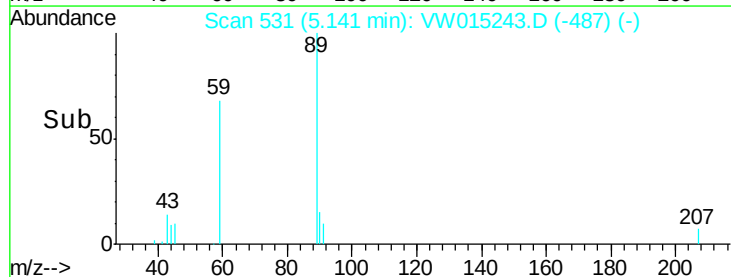
0

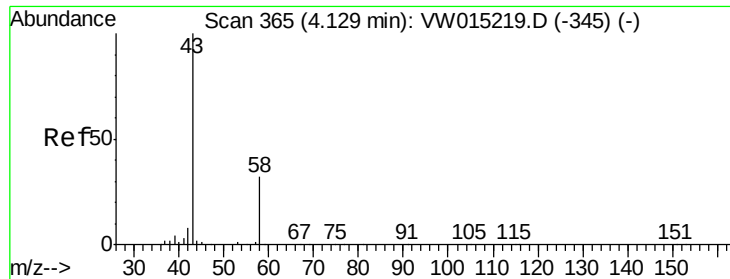
5.00

5.10

5.20

Time-->





#16

Acetone

Concen: 10.758 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015243.D

Acq: 20 Apr 2020 23:54

Instrument :

MSVOA_W

ClientSampleId :

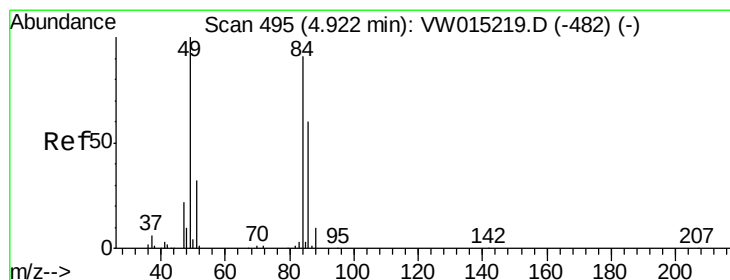
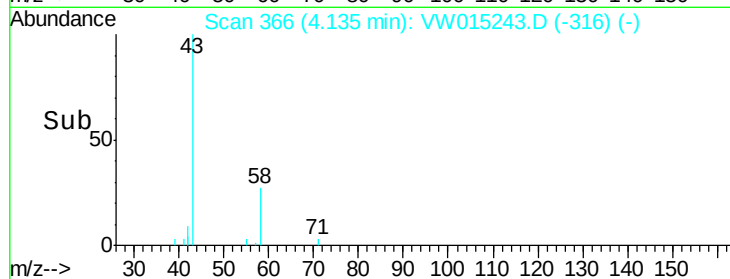
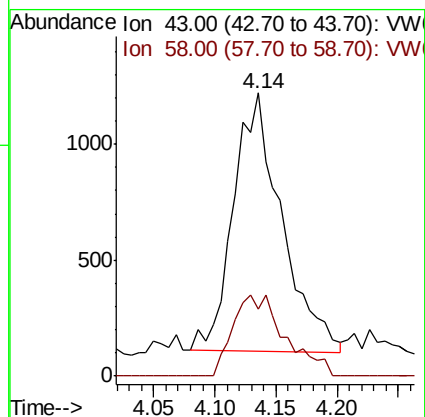
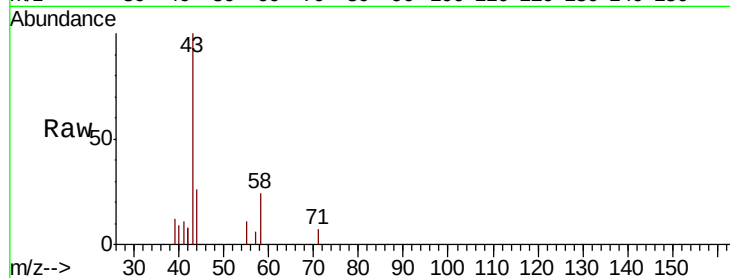
WC-B2-VOA

Tot Ion: 43 Resp: 3062

Ion Ratio Lower Upper

43 100

58 26.2 27.0 40.4#



#20

Methylene Chloride

Concen: 7.755 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW015243.D

Acq: 20 Apr 2020 23:54

Tgt Ion: 84 Resp: 14466

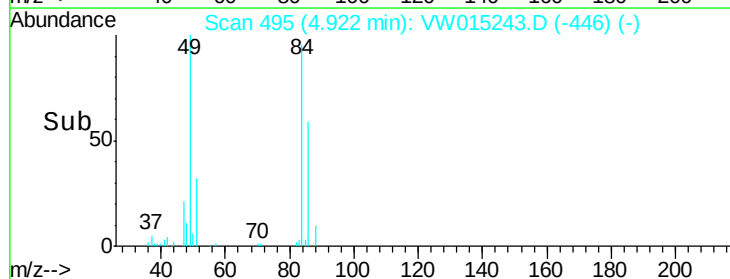
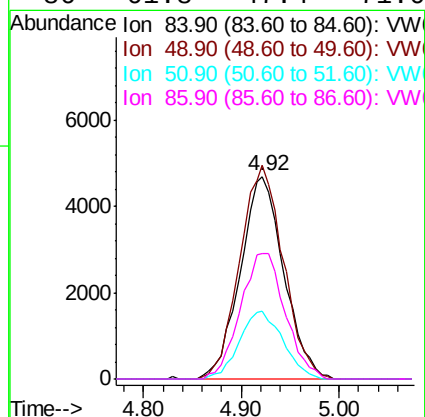
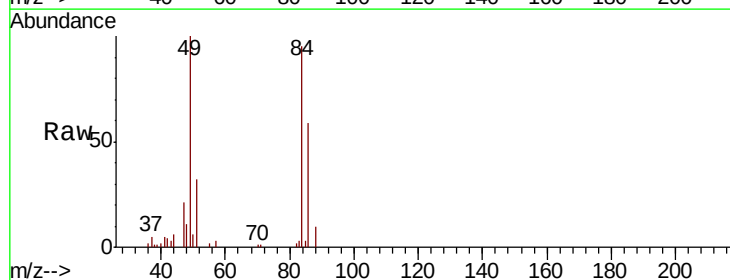
Ion Ratio Lower Upper

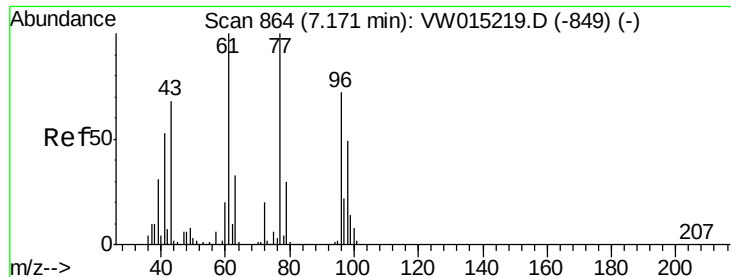
84 100

49 105.3 95.4 143.0

51 33.6 29.8 44.8

86 61.8 47.4 71.0

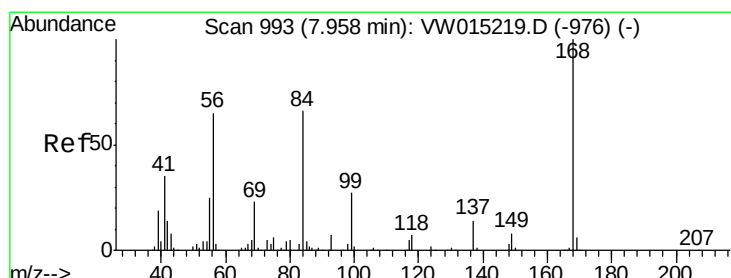
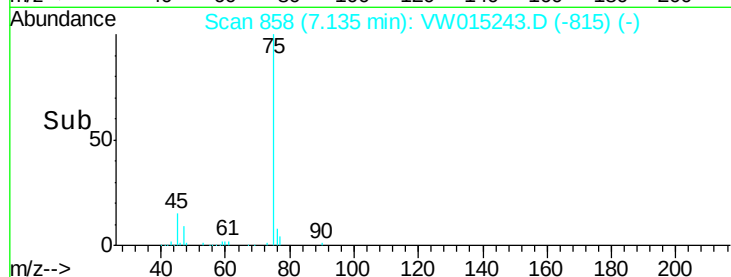
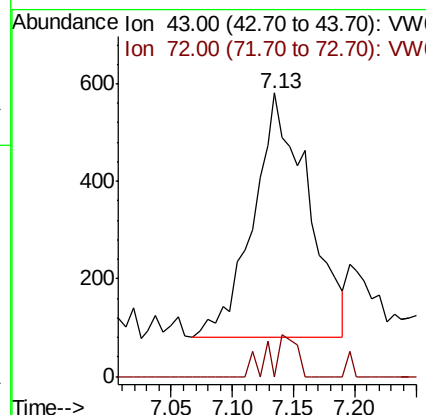
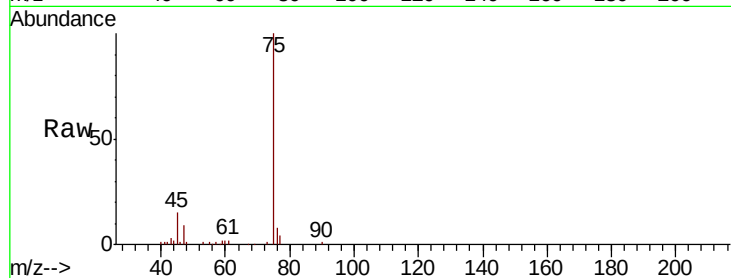




#25
2-Butanone
Concen: 4.181 ug/l
RT: 7.13 min Scan# 858
Delta R.T. -0.04 min
Lab File: VW015243.D
Acq: 20 Apr 2020 23:54

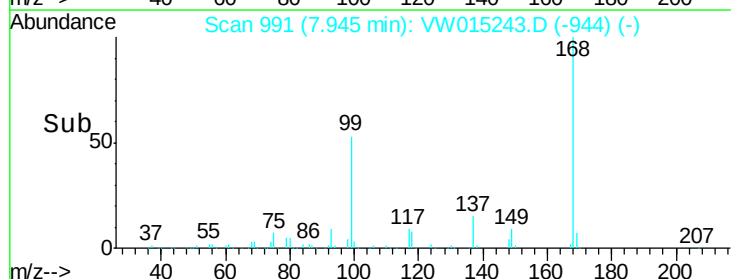
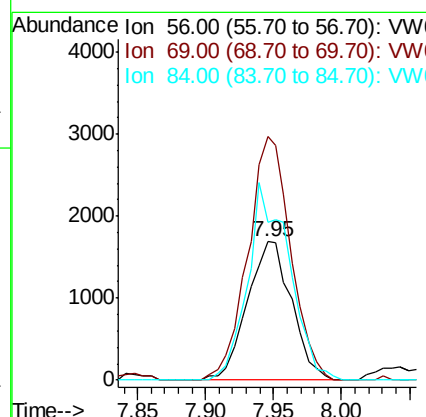
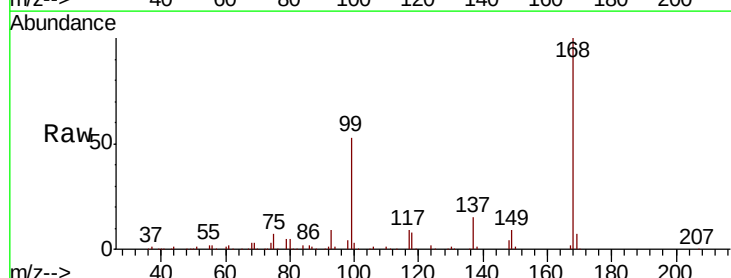
Instrument :
MSVOA_W
ClientSampleId :
WC-B2-VOA

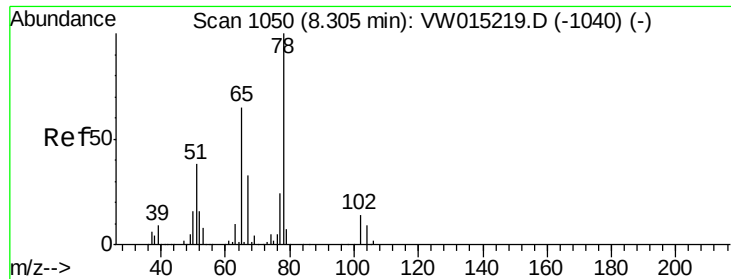
Tot Ion: 43 Resp: 1579
Ion Ratio Lower Upper
43 100
72 0.0 21.6 32.4#



#31
Cyclohexane
Concen: 1.275 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW015243.D
Acq: 20 Apr 2020 23:54

Tgt Ion: 56 Resp: 3841
Ion Ratio Lower Upper
56 100
69 175.7 27.1 40.7#
84 113.7 71.9 107.9#

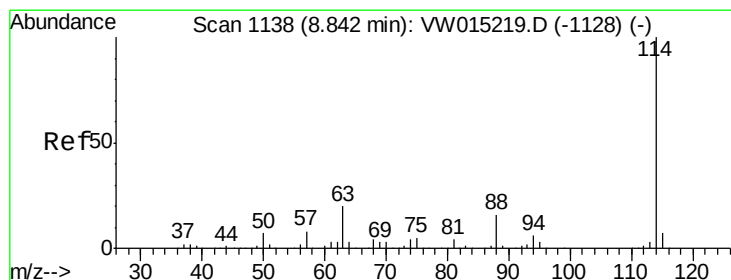
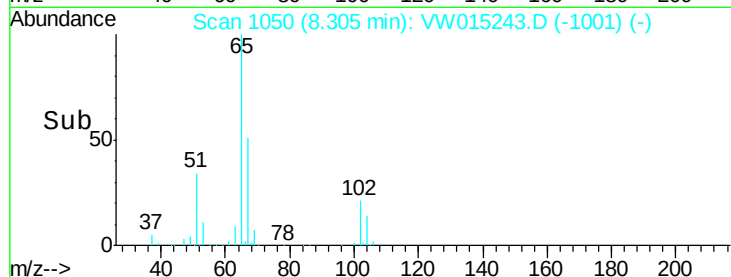
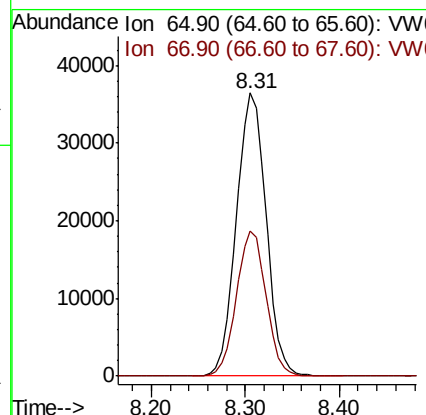
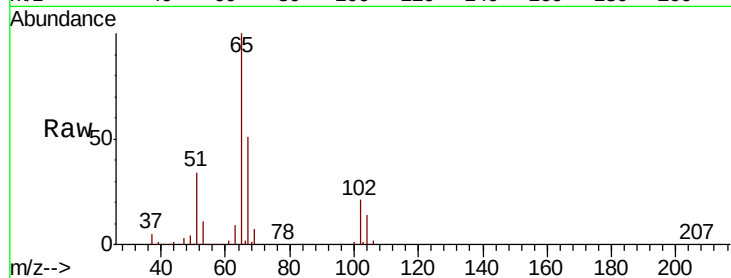




#33
 1,2-Dichloroethane-d4
 Concen: 49.284 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015243.D
 Acq: 20 Apr 2020 23:54

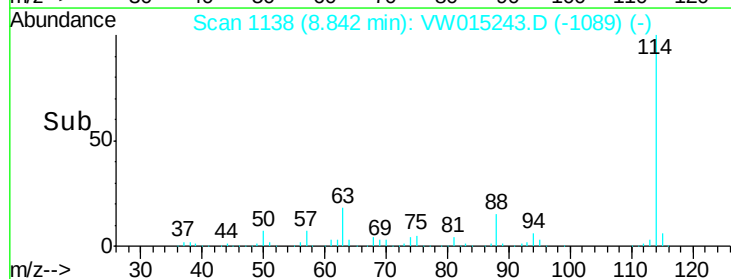
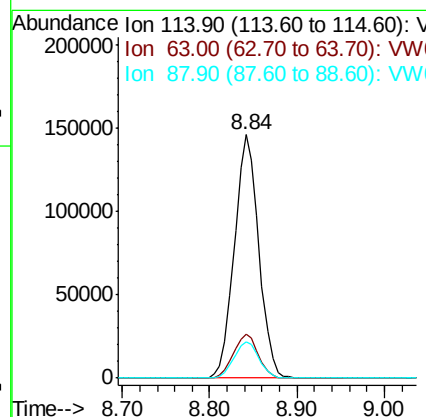
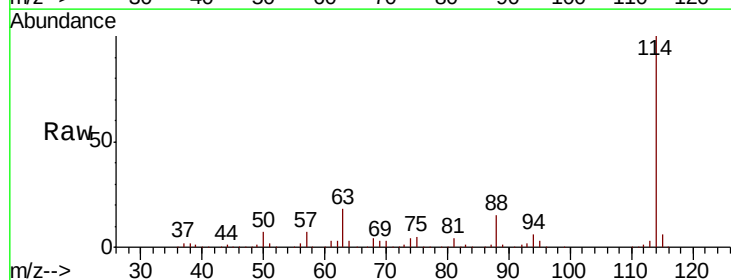
Instrument :
 MSVOA_W
 ClientSampleId :
 WC-B2-VOA

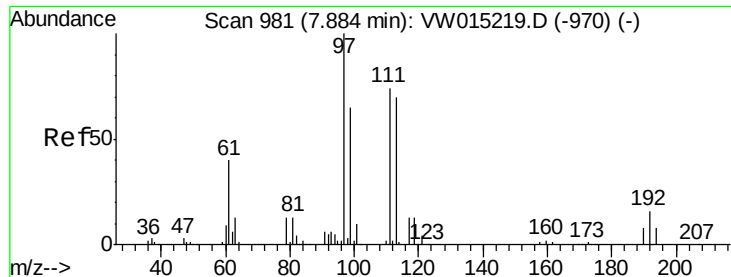
Tot Ion: 65 Resp: 80315
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015243.D
 Acq: 20 Apr 2020 23:54

Tgt Ion: 114 Resp: 283224
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 39.8
 88 15.1 0.0 30.2

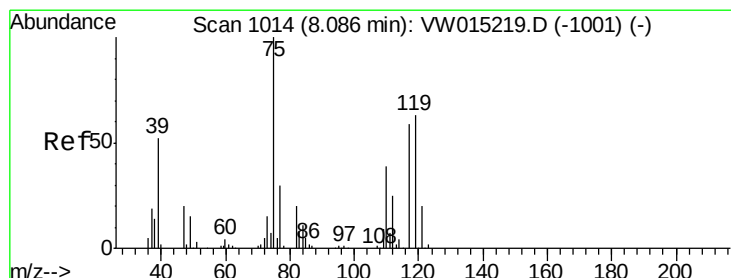
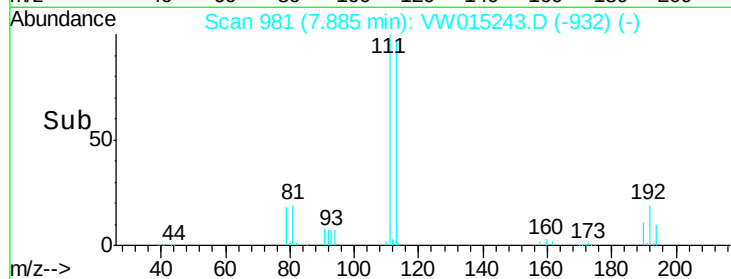
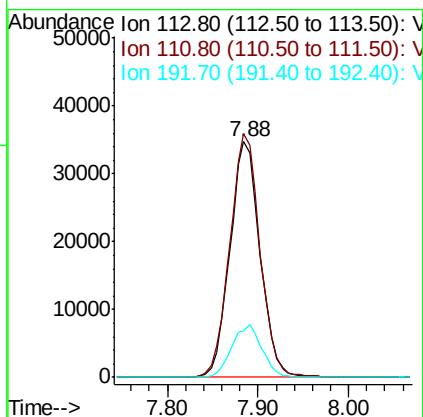
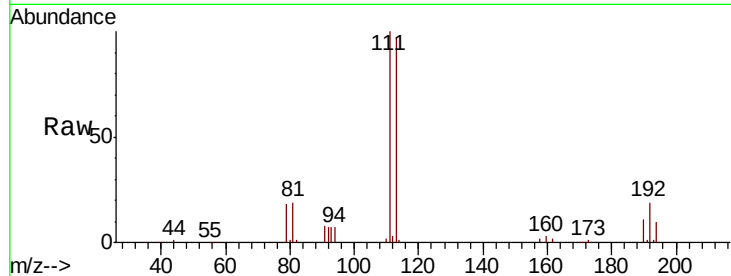




#35
 Dibromofluoromethane
 Concen: 50.971 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015243.D
 Acq: 20 Apr 2020 23:54

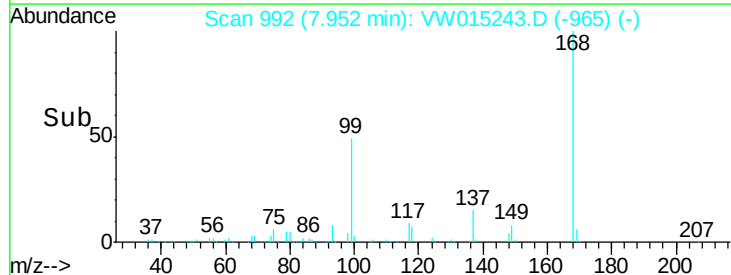
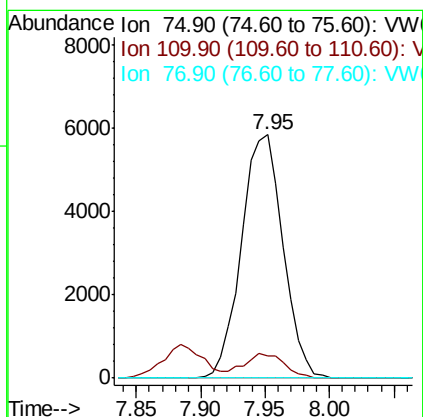
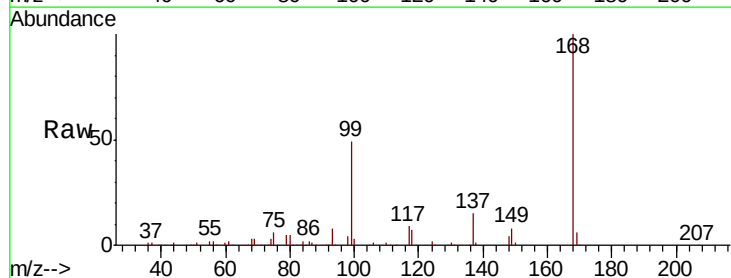
Instrument :
 MSVOA_W
 ClientSampleId :
 WC-B2-VOA

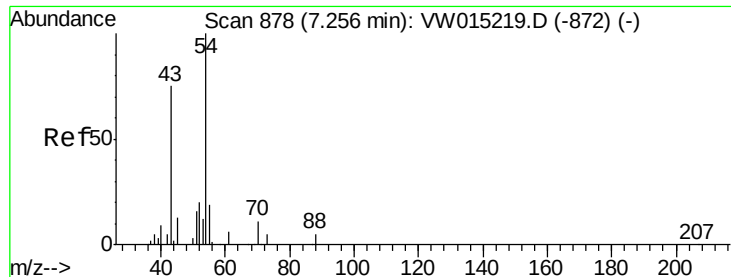
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.0	124.4
192	22.3	15.1	22.7



#36
 1,1-Dichloropropene
 Concen: 5.115 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW015243.D
 Acq: 20 Apr 2020 23:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.2	54.6#
77	0.0	24.5	36.7#

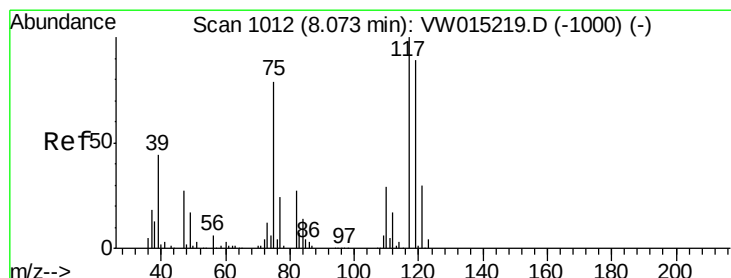
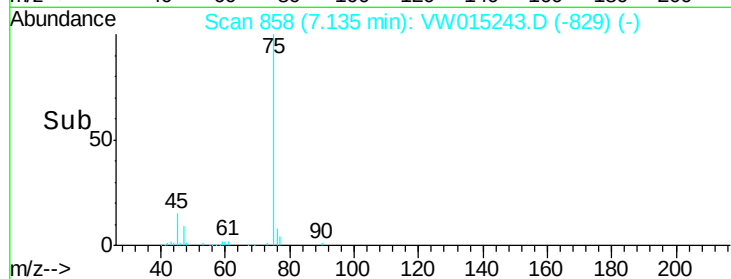
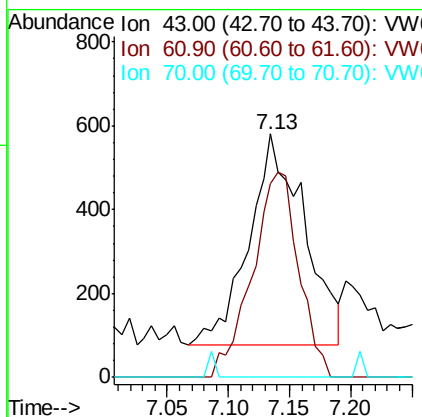
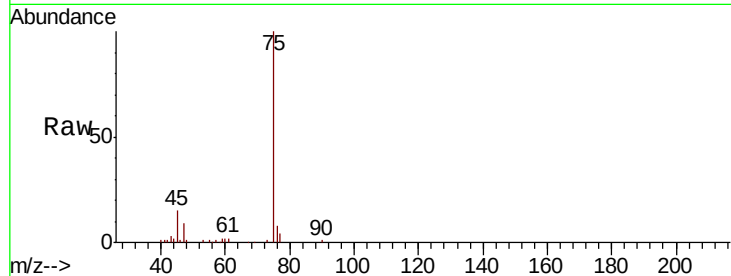




#37
Ethyl Acetate
Concen: 1.903 ug/l
RT: 7.13 min Scan# 858
Delta R.T. -0.12 min
Lab File: VW015243.D
Acq: 20 Apr 2020 23:54

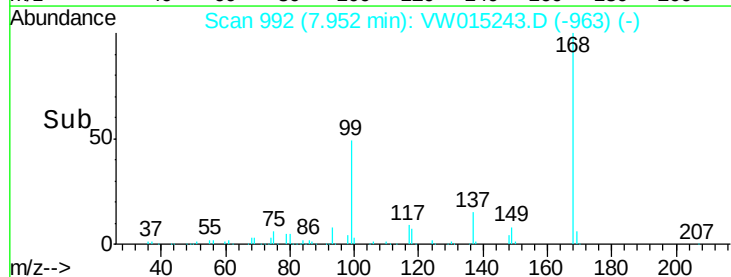
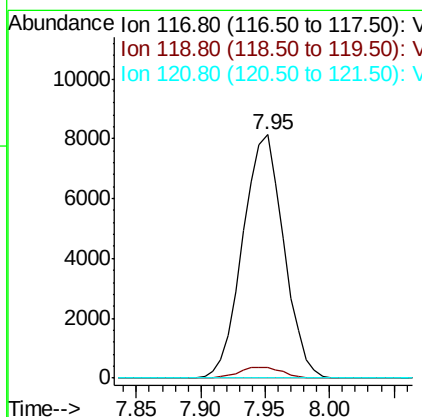
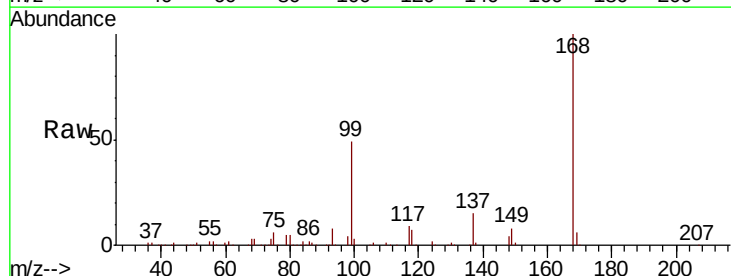
Instrument :
MSVOA_W
ClientSampleId :
WC-B2-VOA

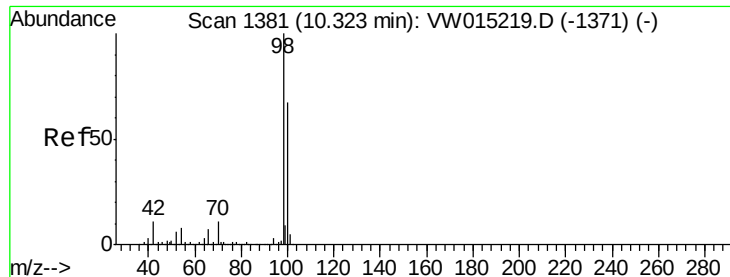
Tot Ion: 43 Resp: 1579
Ion Ratio Lower Upper
43 100
61 82.1 11.9 17.9#
70 0.0 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 6.420 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW015243.D
Acq: 20 Apr 2020 23:54

Tgt Ion: 117 Resp: 17933
Ion Ratio Lower Upper
117 100
119 4.4 72.3 108.5#
121 0.0 23.7 35.5#





#50

Toluene-d8

Concen: 51.673 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015243.D

Acq: 20 Apr 2020 23:54

Instrument :

MSVOA_W

ClientSampleId :

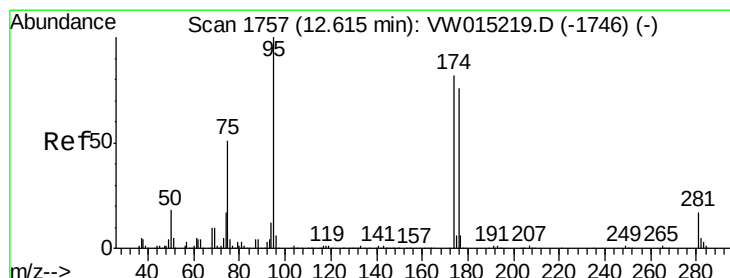
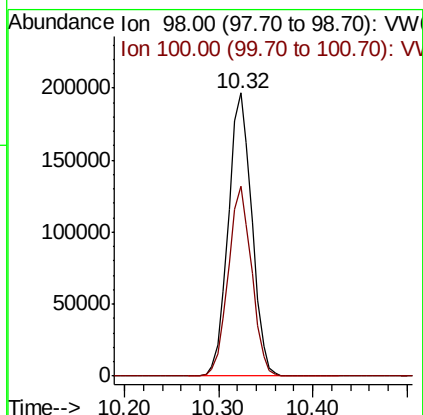
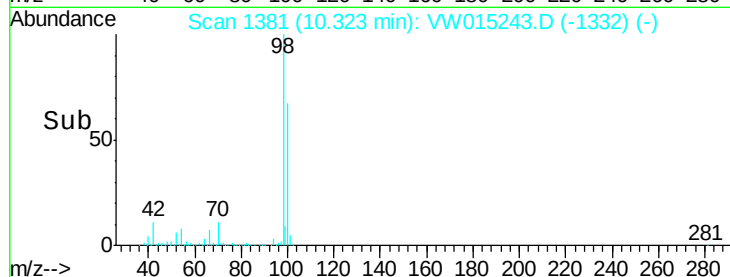
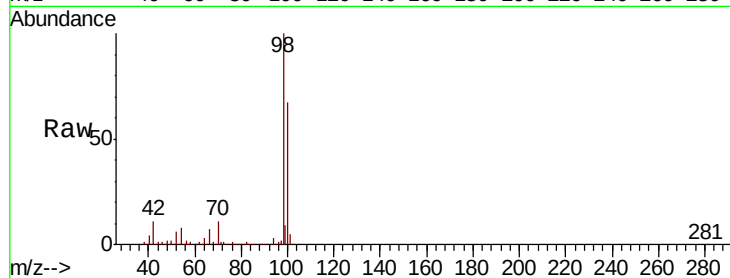
WC-B2-VOA

Tot Ion: 98 Resp: 341022

Ion Ratio Lower Upper

98 100

100 66.5 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 46.243 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW015243.D

Acq: 20 Apr 2020 23:54

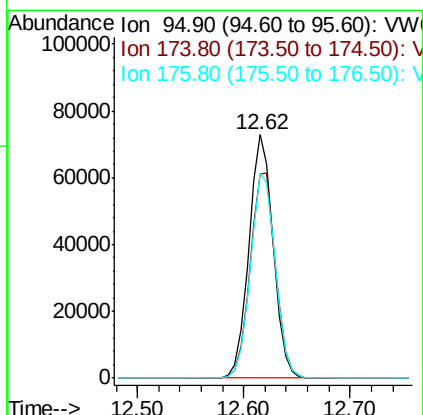
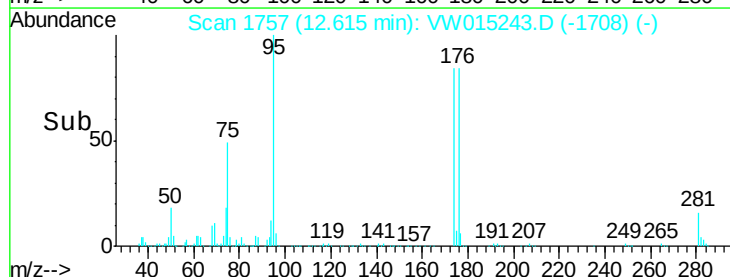
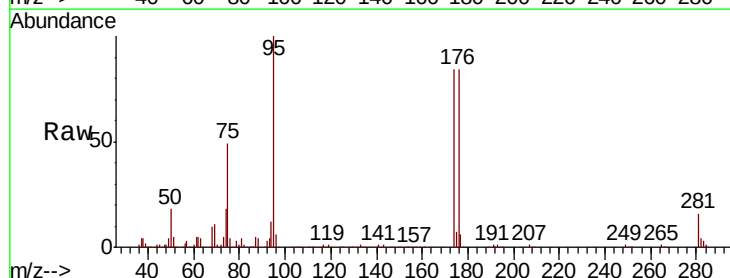
Tgt Ion: 95 Resp: 116442

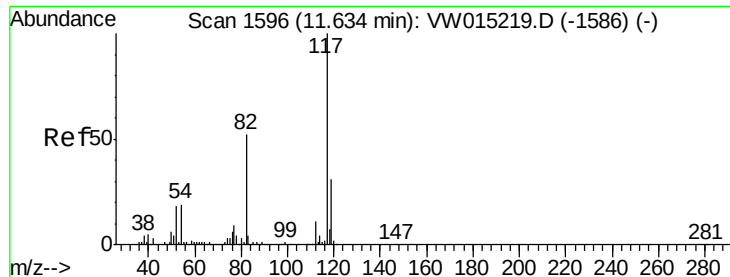
Ion Ratio Lower Upper

95 100

174 87.8 0.0 144.4

176 85.8 0.0 140.6

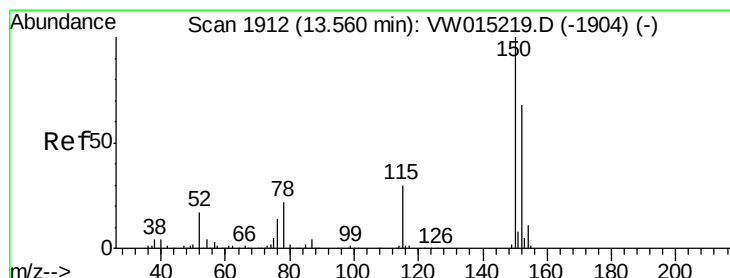
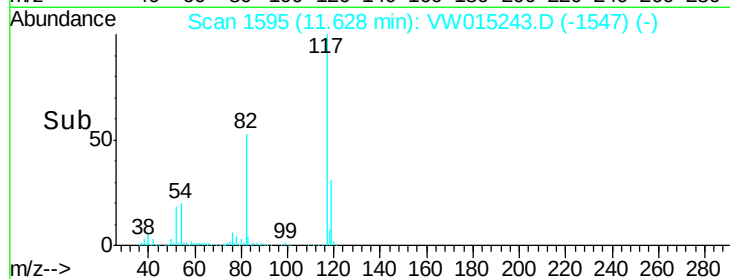
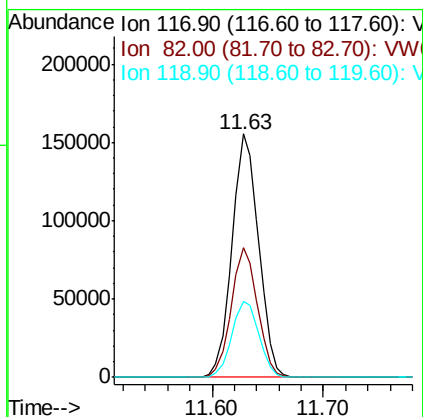
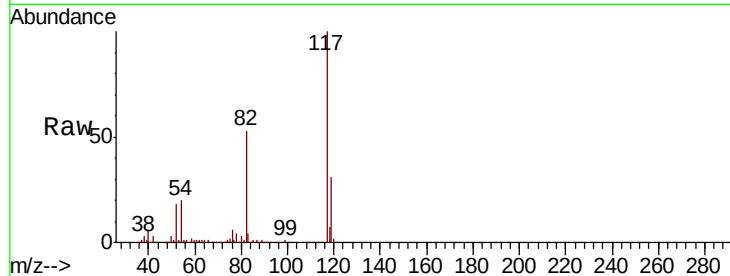




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015243.D
Acq: 20 Apr 2020 23:54

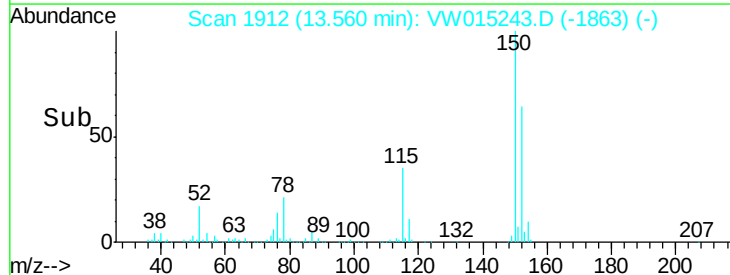
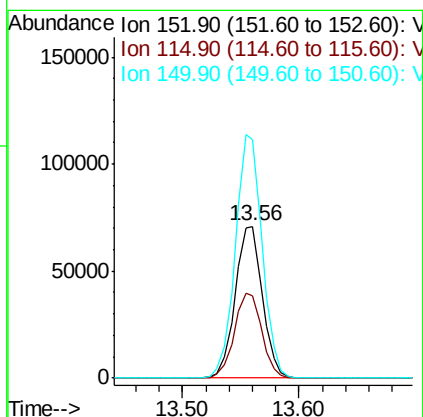
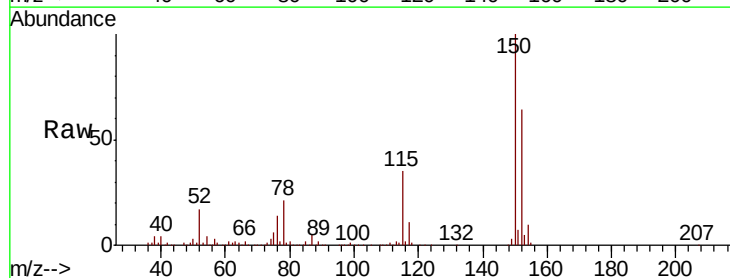
Instrument :
MSVOA_W
ClientSampleId :
WC-B2-VOA

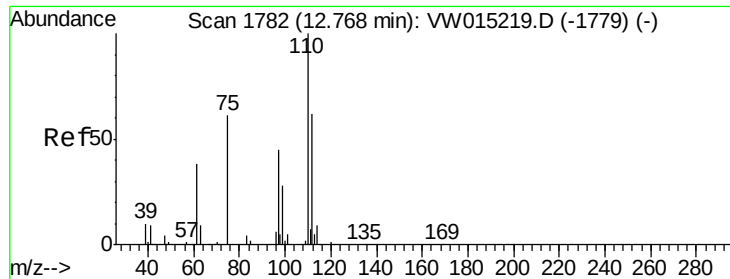
Tot Ion:117 Resp: 256627
Ion Ratio Lower Upper
117 100
82 53.0 44.1 66.1
119 31.3 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015243.D
Acq: 20 Apr 2020 23:54

Tgt Ion:152 Resp: 115332
Ion Ratio Lower Upper
152 100
115 56.7 31.3 93.9
150 157.9 0.0 343.4

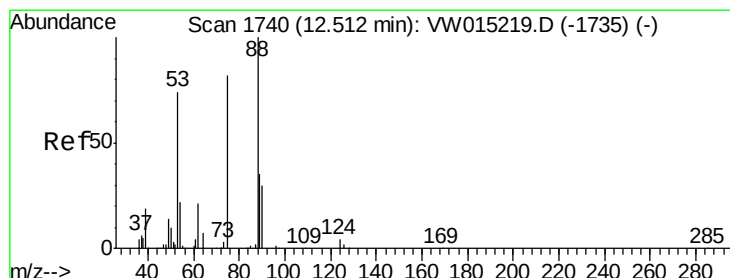
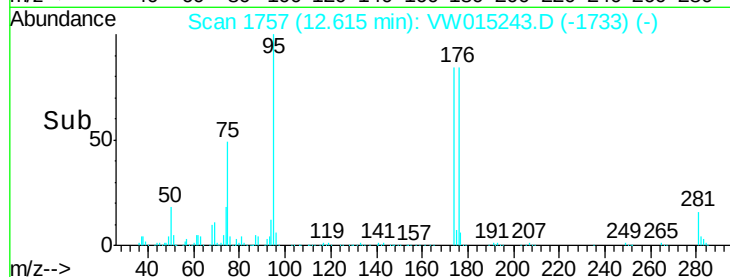
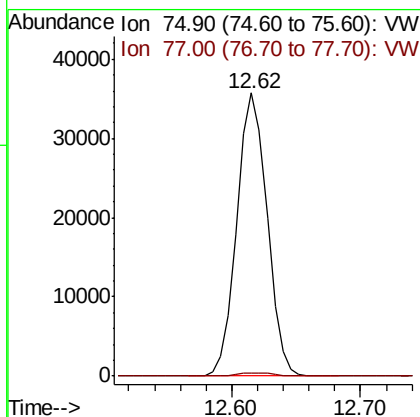
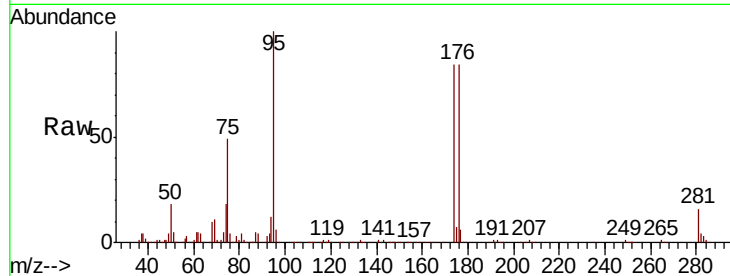




#76
 1,2,3-Trichloropropane
 Concen: 65.177 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW015243.D
 Acq: 20 Apr 2020 23:54

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-B2-VOA

Tot Ion: 75 Resp: 58152
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 142.477 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW015243.D
 Acq: 20 Apr 2020 23:54

Tgt Ion: 75 Resp: 58152
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.4 104.2#
 89 0.0 34.8 52.2#

