

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015271.D
 Acq On : 21 Apr 2020 18:54
 Operator : SY/VA
 Sample : L2314-05
 Misc : 5.68G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 22 06:00:36 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	96711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	135833	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	112930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	44967	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	36834	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	
35) Dibromofluoromethane	7.89	113	37259	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
50) Toluene-d8	10.32	98	157040	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
62) 4-Bromofluorobenzene	12.62	95	47802	39.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.16%	

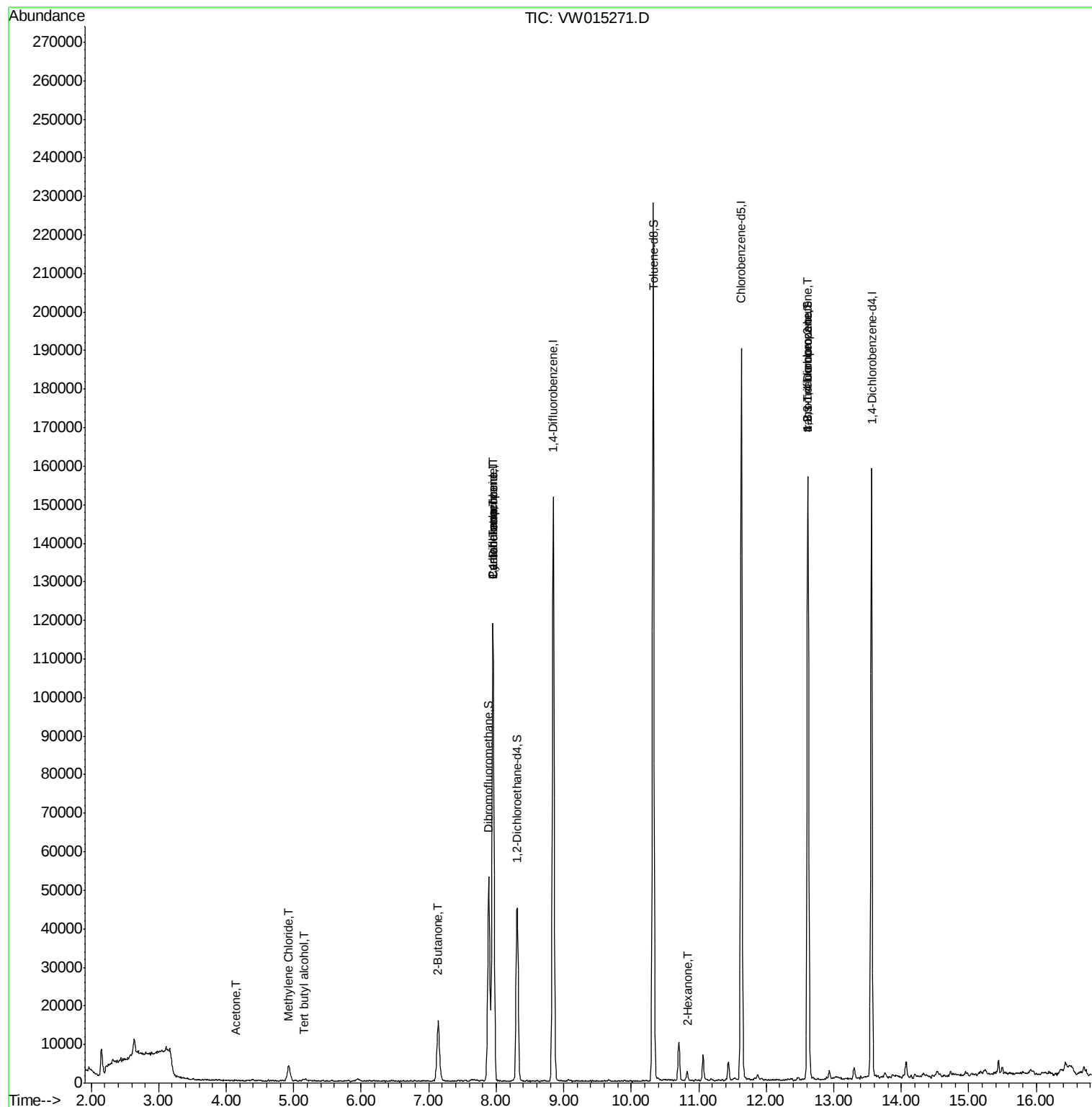
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	806	12.502	ug/l #	72
16) Acetone	4.14	43	514	3.721	ug/l	90
20) Methylene Chloride	4.93	84	3429	3.788	ug/l #	82
25) 2-Butanone	7.14	43	1292	7.050	ug/l #	48
31) Cyclohexane	7.96	56	1737	1.188	ug/l #	2
36) 1,1-Dichloropropene	7.95	75	6303	5.141	ug/l #	49
38) Carbon Tetrachloride	7.96	117	8419	6.284	ug/l #	17
59) 2-Hexanone	10.83	43	1659	5.933	ug/l	71
76) 1,2,3-Trichloropropane	12.62	75	23555	67.712	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	23555	148.020	ug/l #	15

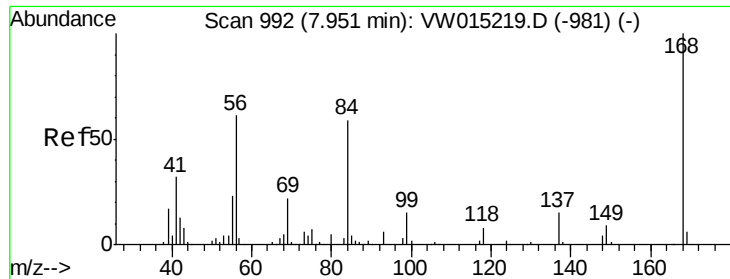
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042120\
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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: VW015271.D

Acq: 21 Apr 2020 18:54

Instrument :

MSVOA_W

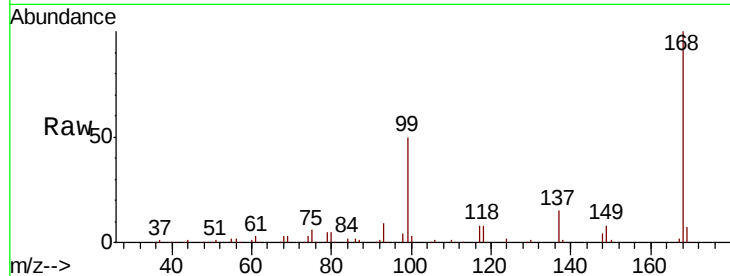
ClientSampleId :

Tot Ion:168 Resp: 96711

Ion Ratio Lower Upper

168 100

99 50.4 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

50000

40000

30000

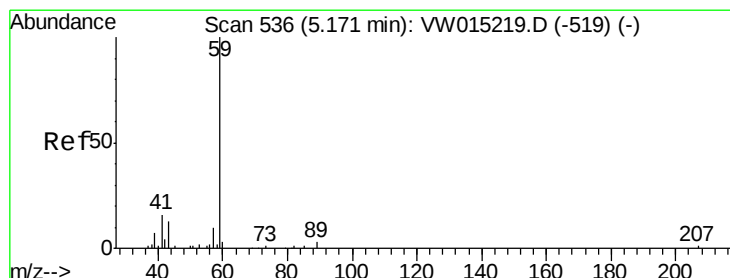
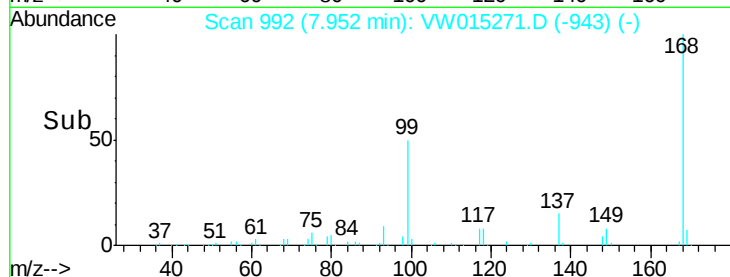
20000

10000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#11

Tert butyl alcohol

Concen: 12.502 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.02 min

Lab File: VW015271.D

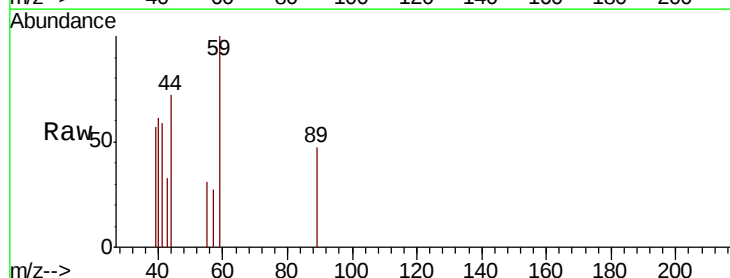
Acq: 21 Apr 2020 18:54

Tgt Ion: 59 Resp: 806

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

250

200

150

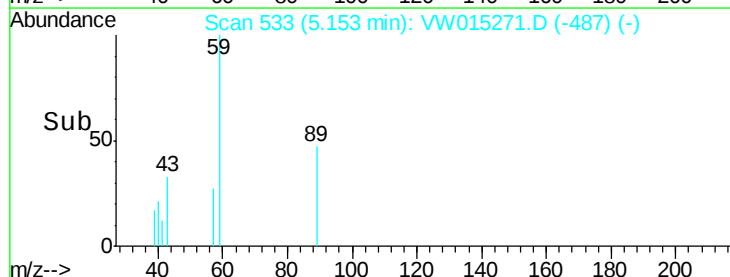
100

50

0

Time-->

5.05 5.10 5.15 5.20 5.25

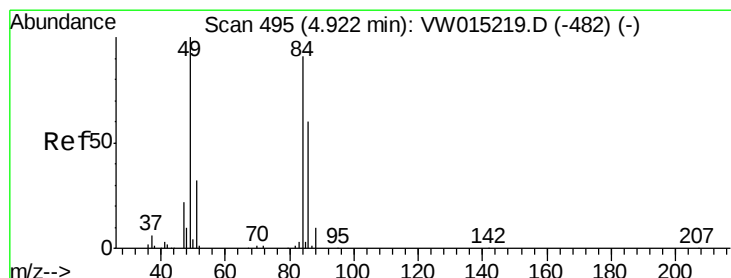
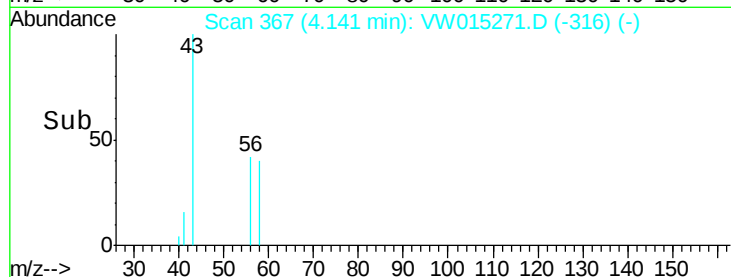
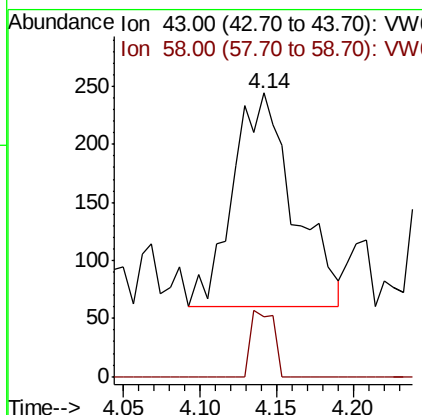
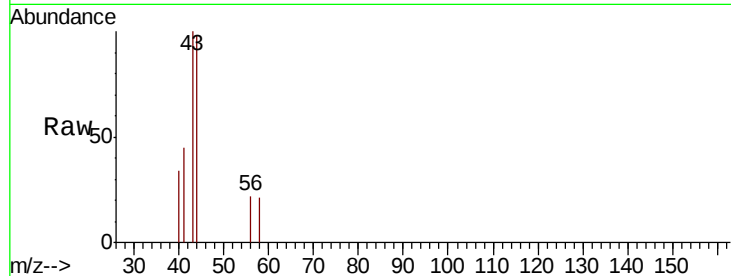




#16
Acetone
Concen: 3.721 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.01 min
Lab File: VW015271.D
Acq: 21 Apr 2020 18:54

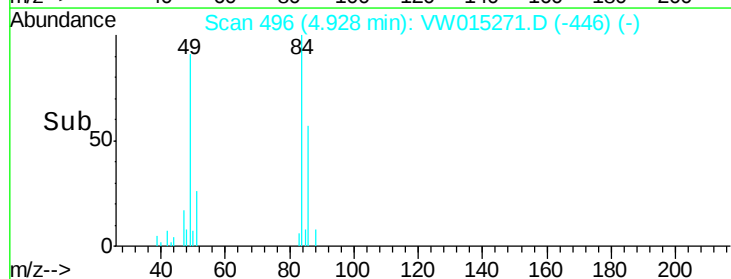
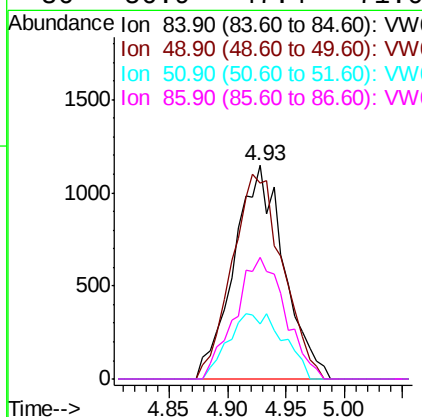
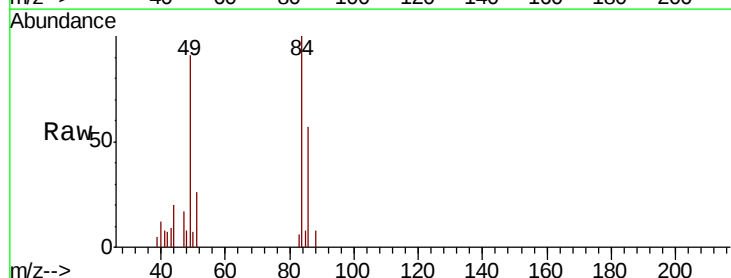
Instrument :
MSVOA_W
ClientSampled :

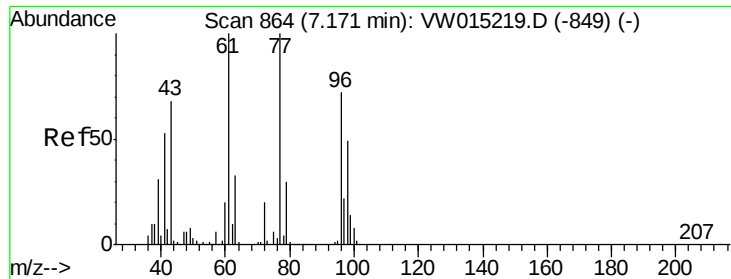
Tot Ion: 43 Resp: 514
Ion Ratio Lower Upper
43 100
58 27.7 27.0 40.4



#20
Methylene Chloride
Concen: 3.788 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW015271.D
Acq: 21 Apr 2020 18:54

Tgt Ion: 84 Resp: 3429
Ion Ratio Lower Upper
84 100
49 91.5 95.4 143.0#
51 26.0 29.8 44.8#
86 56.9 47.4 71.0





#25

2-Butanone

Concen: 7.050 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW015271.D

Acq: 21 Apr 2020 18:54

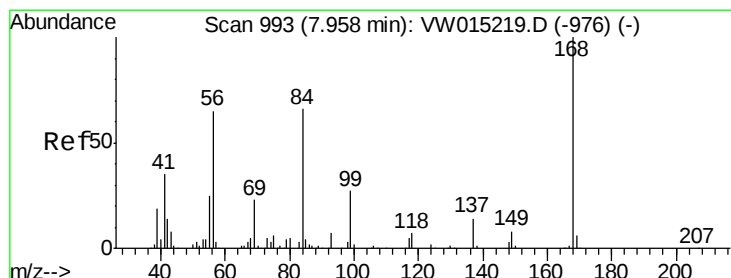
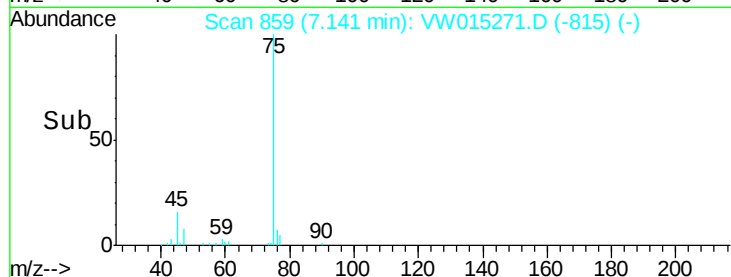
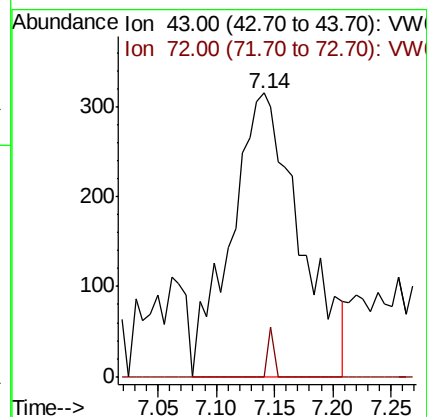
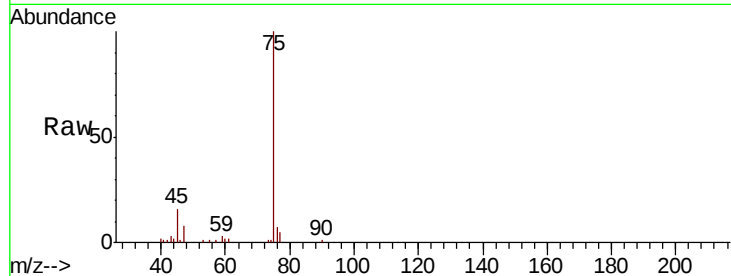
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 1292

Ion Ratio Lower Upper

43 100

72 0.0 21.6 32.4#



#31

Cyclohexane

Concen: 1.188 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW015271.D

Acq: 21 Apr 2020 18:54

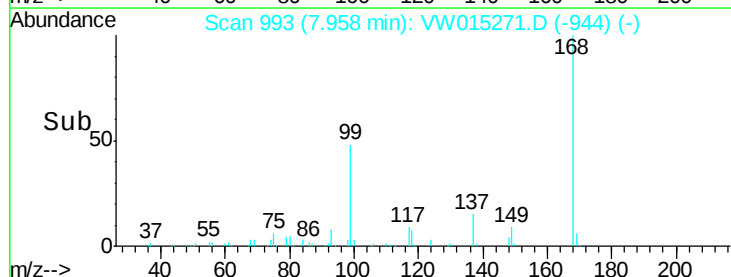
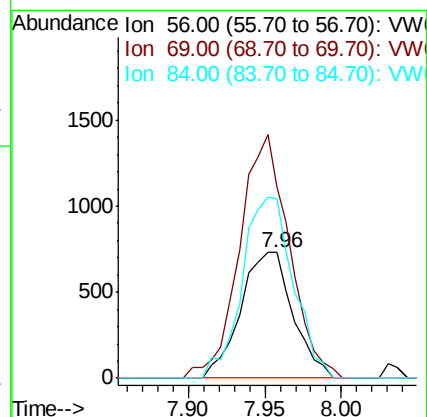
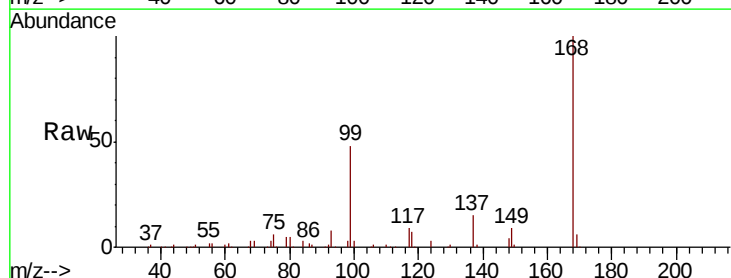
Tgt Ion: 56 Resp: 1737

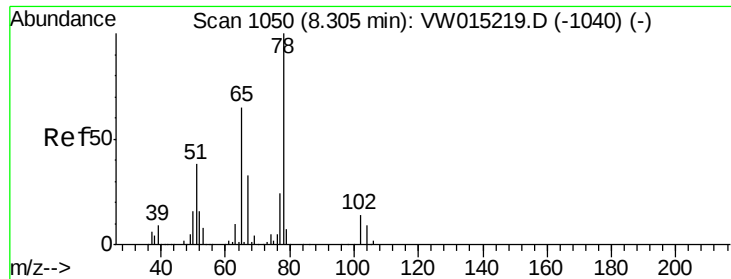
Ion Ratio Lower Upper

56 100

69 152.4 27.1 40.7#

84 143.2 71.9 107.9#





#33

1,2-Dichloroethane-d4

Concen: 46.575 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VW015271.D

Acq: 21 Apr 2020 18:54

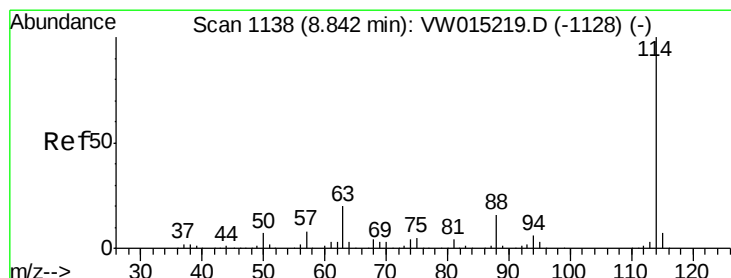
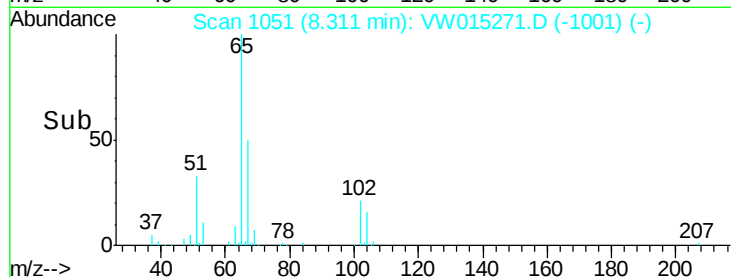
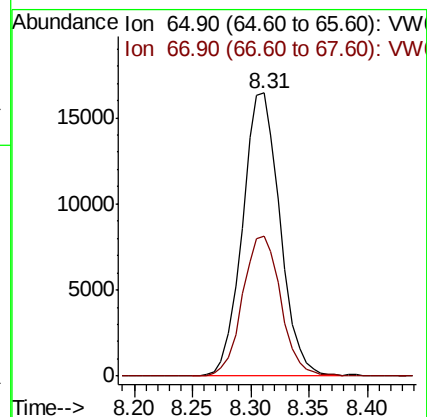
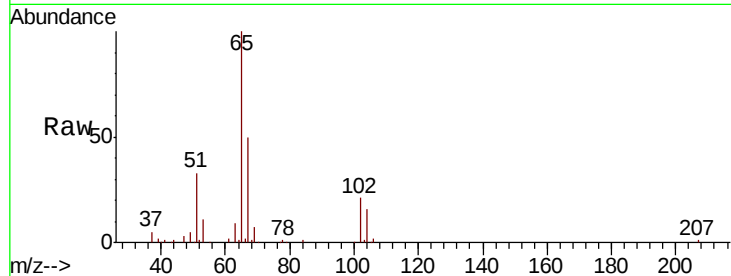
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 65 Resp: 36834

Ion Ratio Lower Upper

65 100

67 50.5 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: VW015271.D

Acq: 21 Apr 2020 18:54

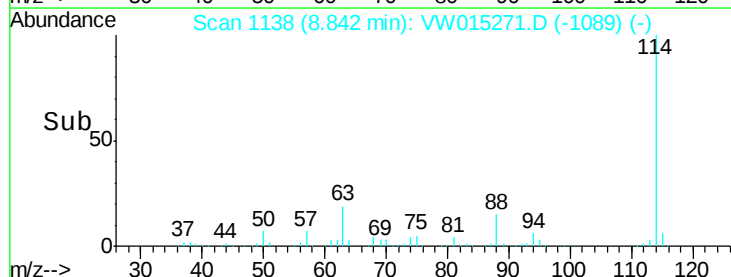
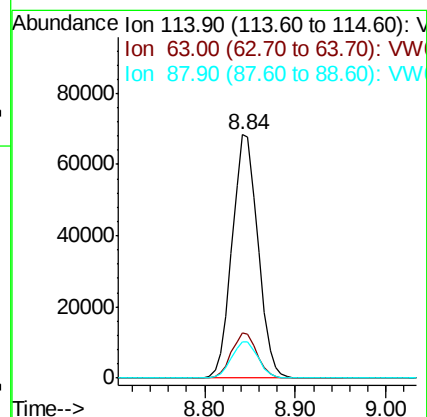
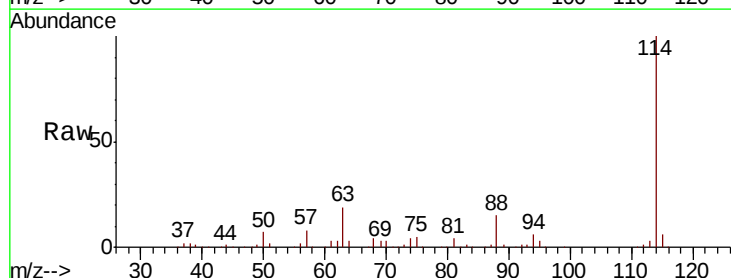
Tgt Ion: 114 Resp: 135833

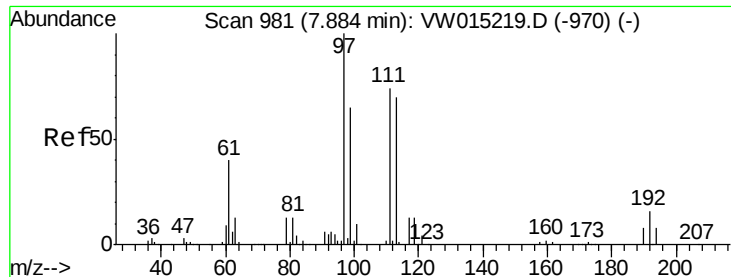
Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.8

88 15.0 0.0 30.2

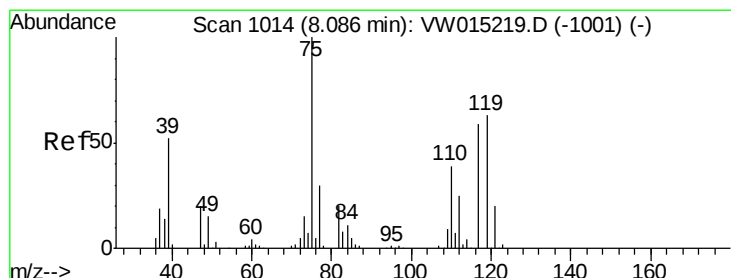
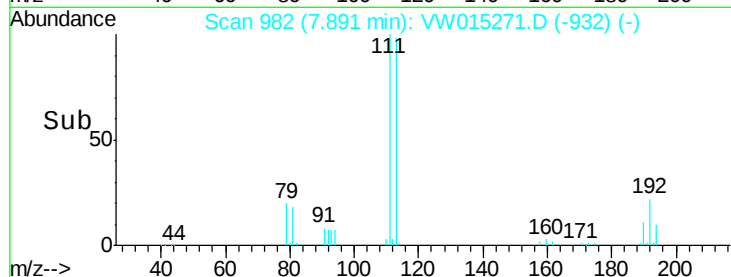
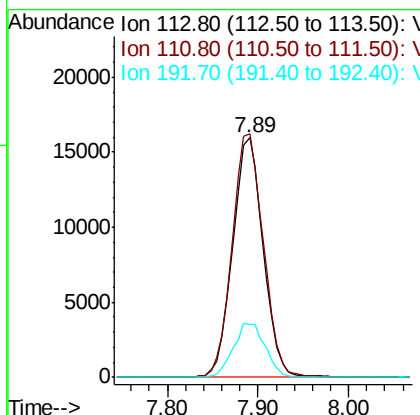
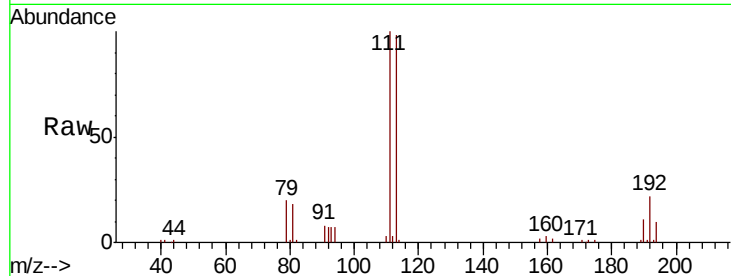




#35
 Dibromofluoromethane
 Concen: 49.520 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW015271.D
 Acq: 21 Apr 2020 18:54

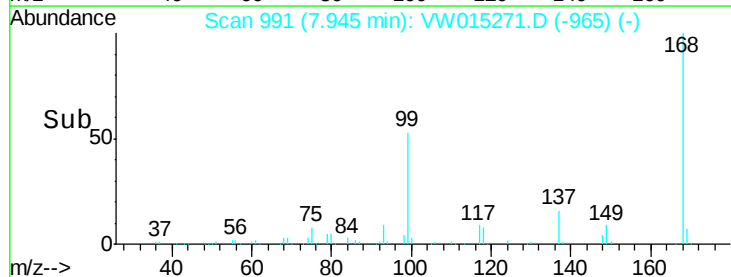
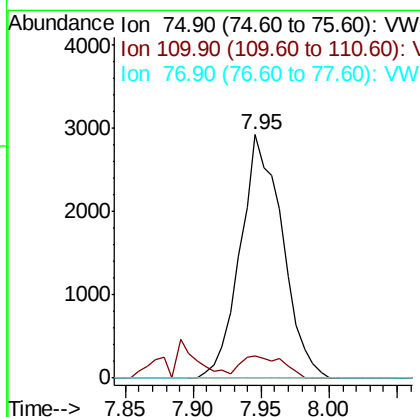
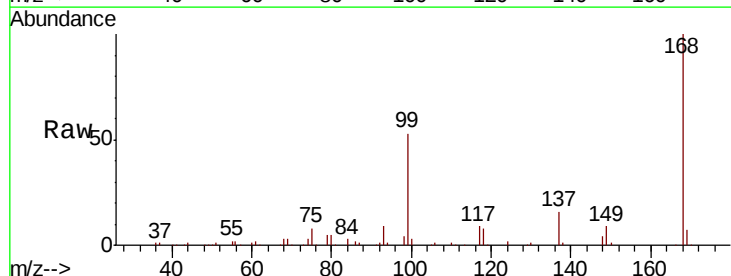
Instrument :
 MSVOA_W
 ClientSampleId :

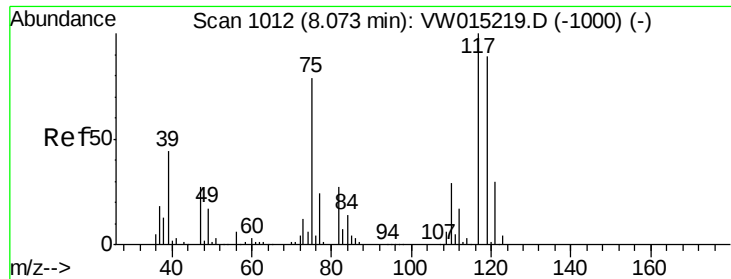
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.0	124.4
192	23.5	15.1	22.7#



#36
 1,1-Dichloropropene
 Concen: 5.141 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015271.D
 Acq: 21 Apr 2020 18:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.2	54.6#
77	0.0	24.5	36.7#

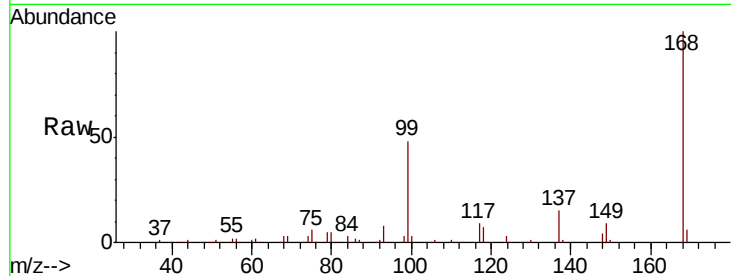




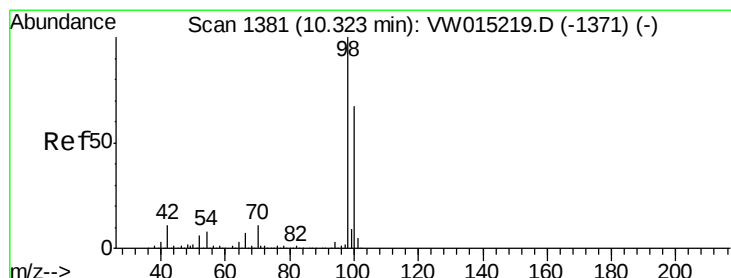
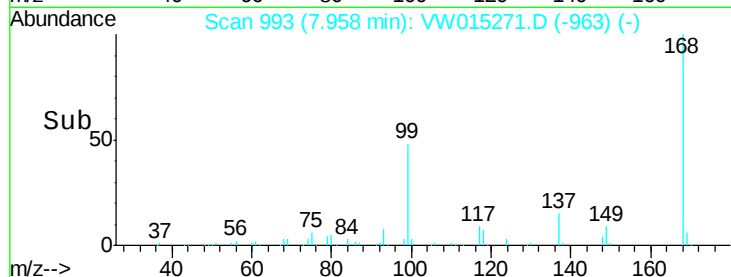
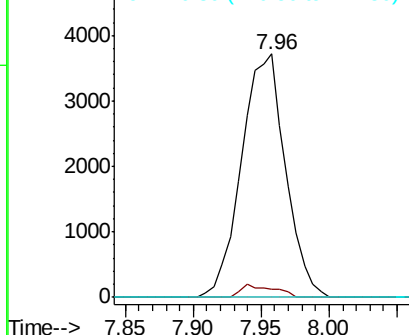
#38
Carbon Tetrachloride
Concen: 6.284 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.12 min
Lab File: VW015271.D
Acq: 21 Apr 2020 18:54

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 8419
Ion Ratio Lower Upper
117 100
119 3.5 72.3 108.5#
121 0.0 23.7 35.5#

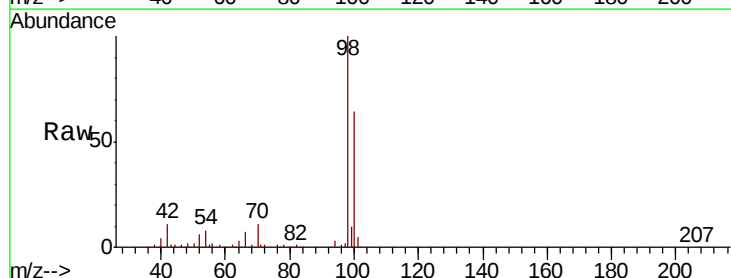


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

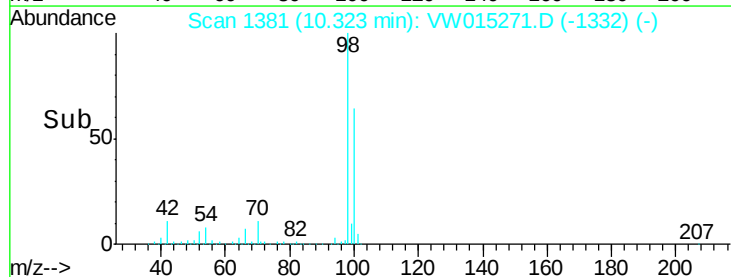
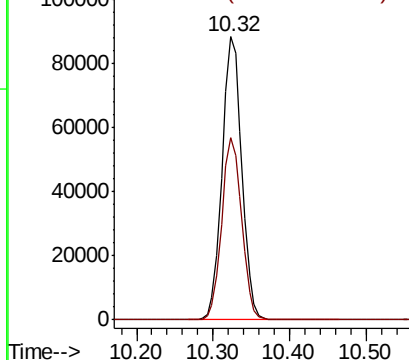


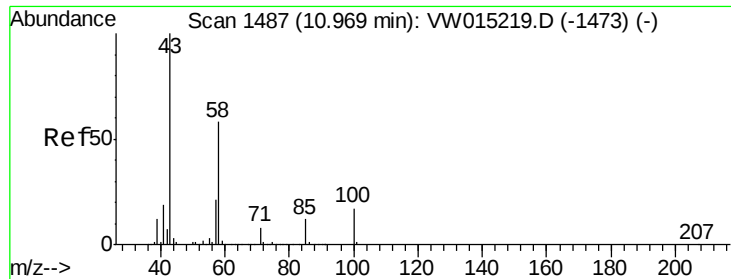
#50
Toluene-d8
Concen: 49.616 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015271.D
Acq: 21 Apr 2020 18:54

Tgt Ion: 98 Resp: 157040
Ion Ratio Lower Upper
98 100
100 65.1 52.9 79.3



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

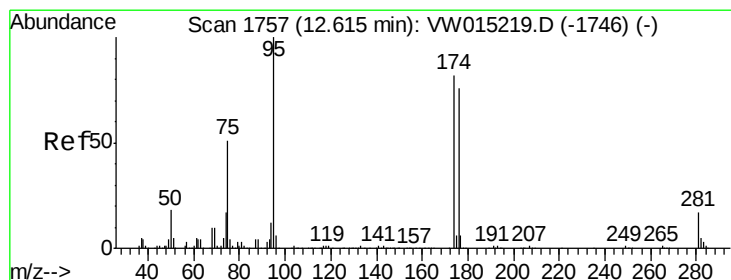
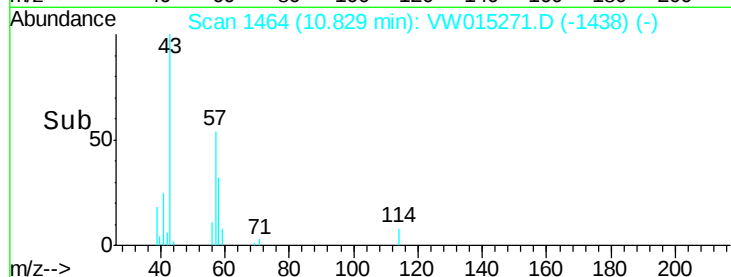
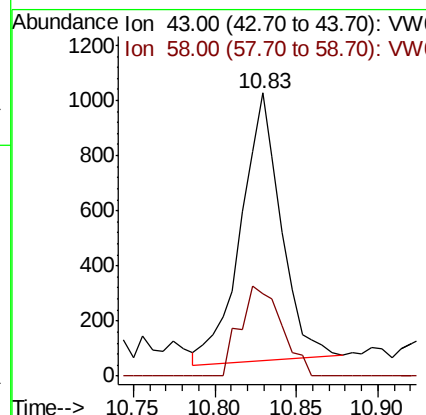
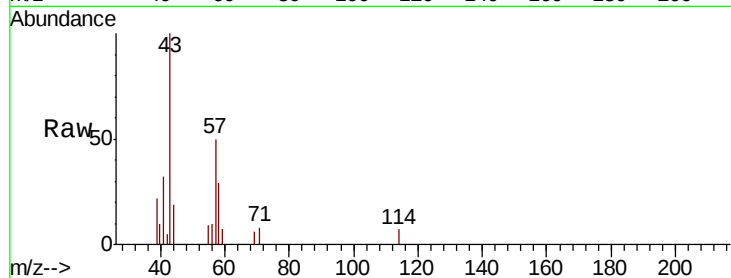




#59
2-Hexanone
Concen: 5.933 ug/l
RT: 10.83 min Scan# 1464
Delta R.T. -0.14 min
Lab File: VW015271.D
Acq: 21 Apr 2020 18:54

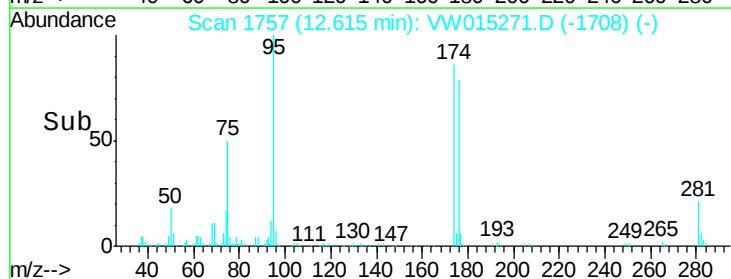
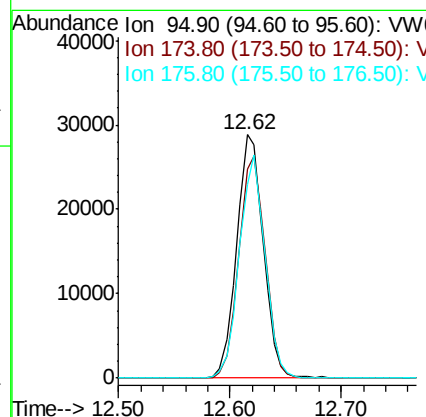
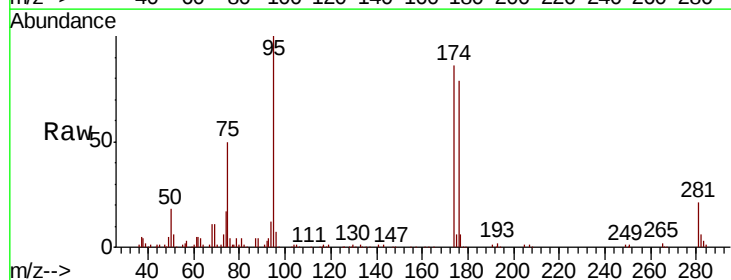
Instrument :
MSVOA_W
ClientSampleId :

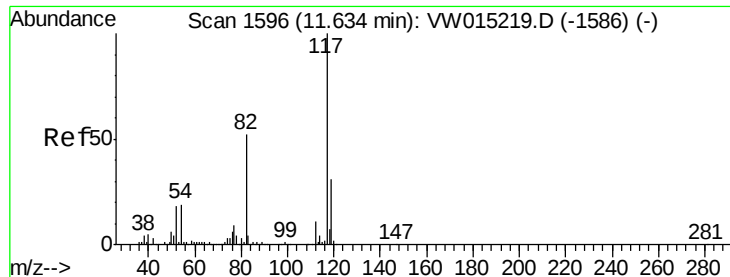
Tot Ion: 43 Resp: 1659
Ion Ratio Lower Upper
43 100
58 35.0 28.1 84.3



#62
4-Bromofluorobenzene
Concen: 39.583 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW015271.D
Acq: 21 Apr 2020 18:54

Tgt Ion: 95 Resp: 47802
Ion Ratio Lower Upper
95 100
174 90.4 0.0 144.4
176 87.9 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW015271.D

Acq: 21 Apr 2020 18:54

Instrument :

MSVOA_W

ClientSampleId :

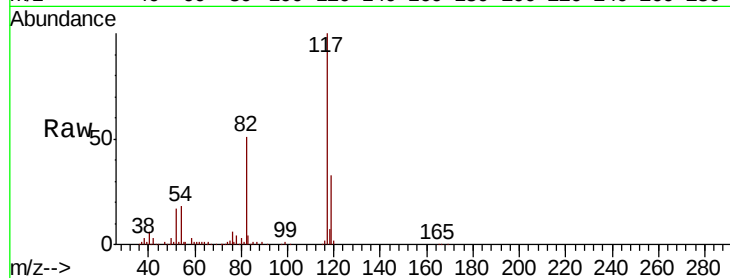
Tot Ion:117 Resp: 112930

Ion Ratio Lower Upper

117 100

82 50.8 44.1 66.1

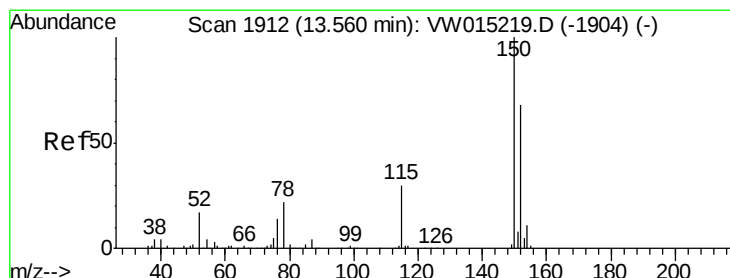
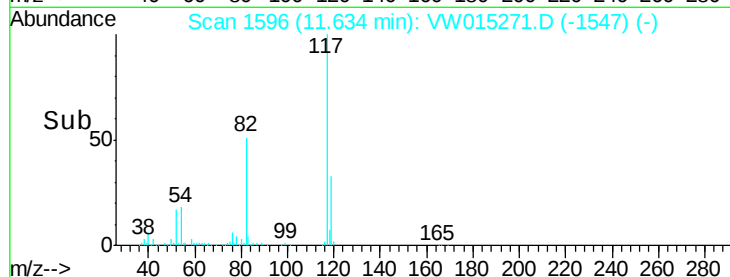
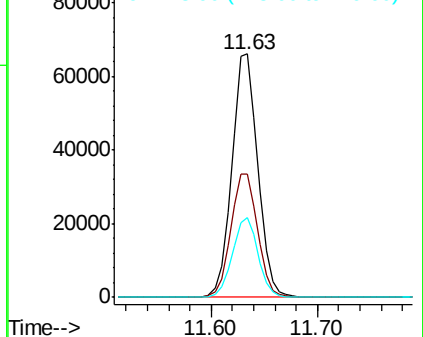
119 32.7 24.9 37.3



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: VW015271.D

Acq: 21 Apr 2020 18:54

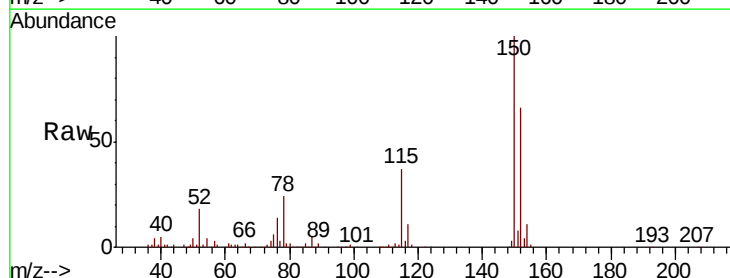
Tgt Ion:152 Resp: 44967

Ion Ratio Lower Upper

152 100

115 56.0 31.3 93.9

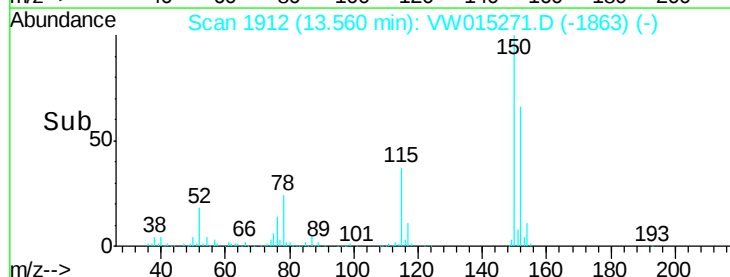
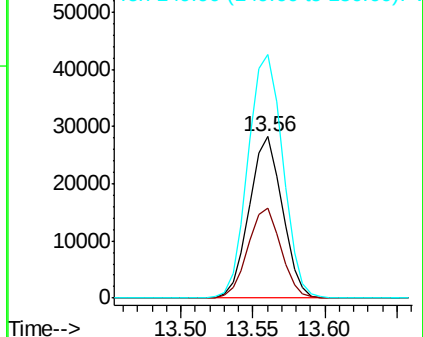
150 157.9 0.0 343.4

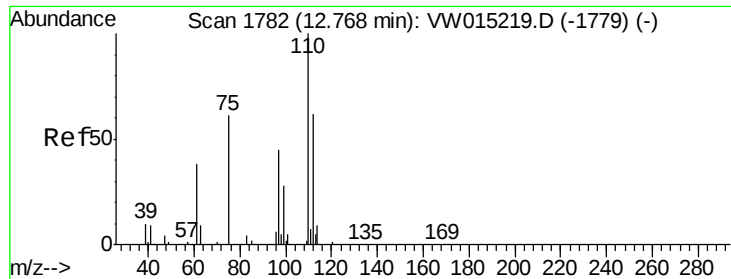


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

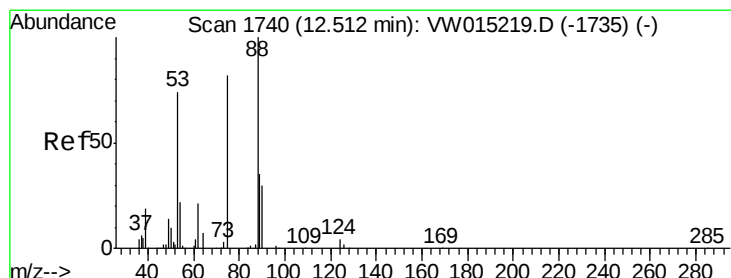
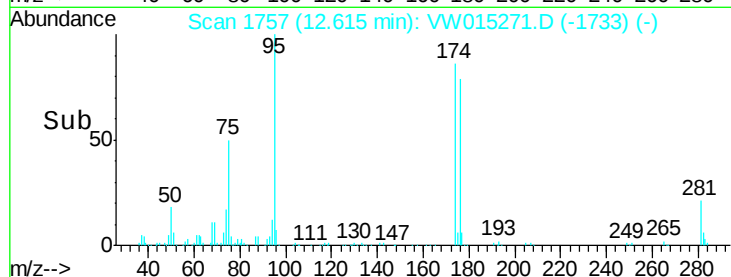
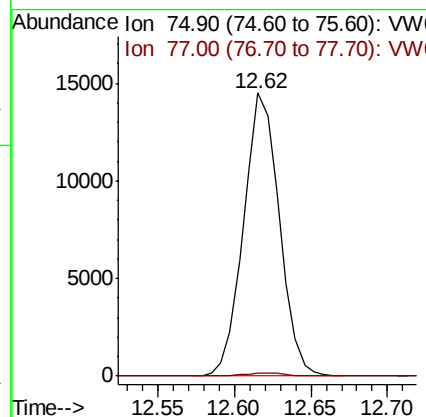
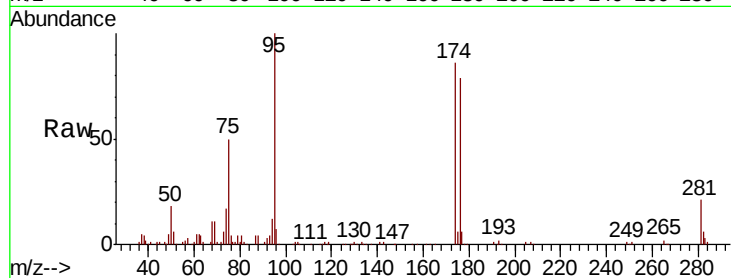




#76
 1,2,3-Trichloropropane
 Concen: 67.712 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW015271.D
 Acq: 21 Apr 2020 18:54

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 23555
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 148.020 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW015271.D
 Acq: 21 Apr 2020 18:54

Tgt Ion: 75 Resp: 23555
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.4 104.2#
 89 0.0 34.8 52.2#

