

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042020\
 Data File : VW015235.D
 Acq On : 20 Apr 2020 20:31
 Operator : SY/VA
 Sample : L2346-04
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-3A

Quant Time: Apr 21 06:57:41 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	225887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	317544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	119097	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	90779	49.14	ug/l	0.00
Spiked Amount			Recovery	=	98.28%	
35) Dibromofluoromethane	7.89	113	92363	52.51	ug/l	0.00
Spiked Amount			Recovery	=	105.02%	
50) Toluene-d8	10.32	98	383930	51.89	ug/l	0.00
Spiked Amount			Recovery	=	103.78%	
62) 4-Bromofluorobenzene	12.62	95	124438	44.08	ug/l	0.00
Spiked Amount			Recovery	=	88.16%	

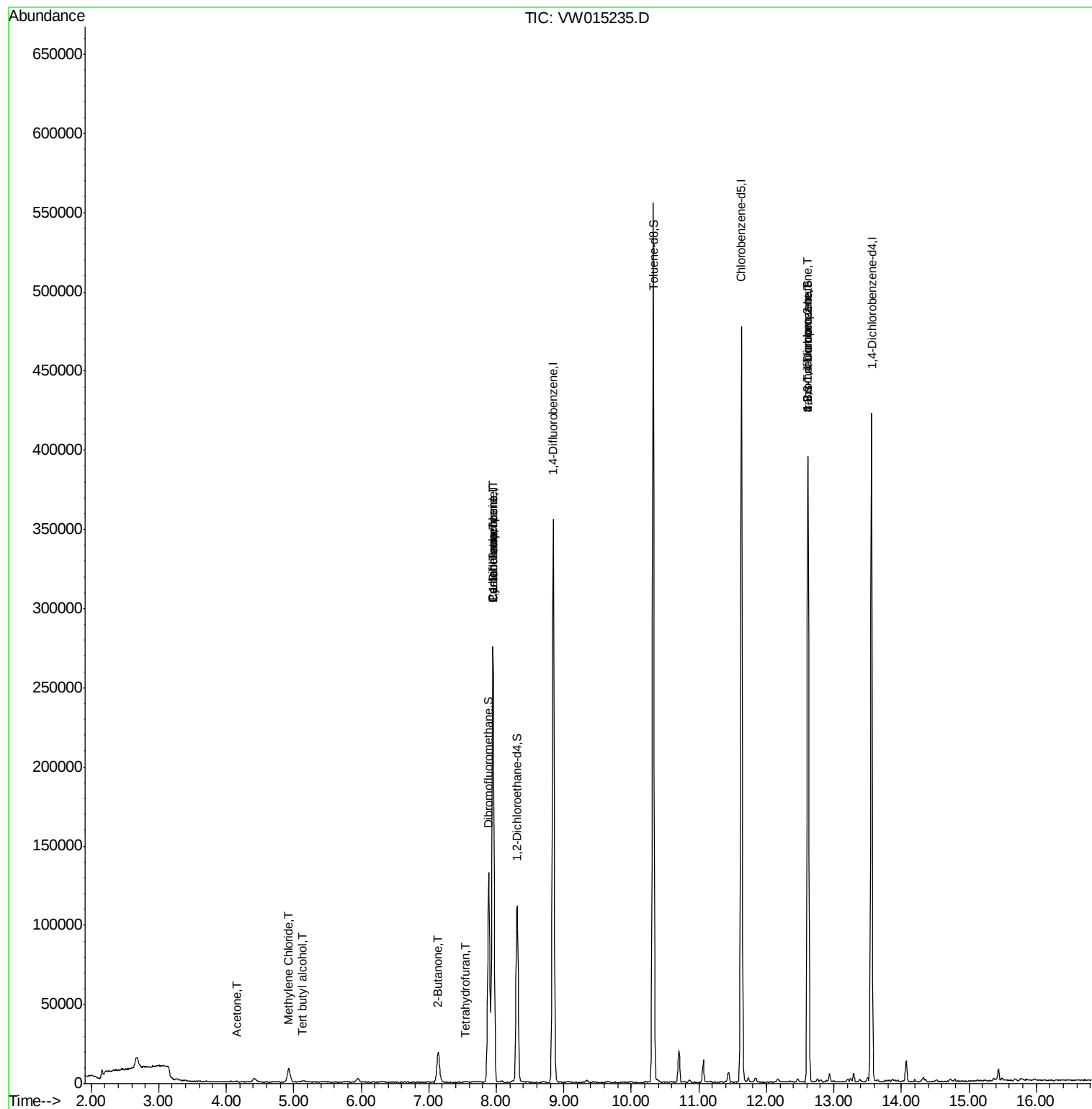
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.13	59	811	5.386	ug/l #	63
16) Acetone	4.15	43	697	2.160	ug/l #	80
20) Methylene Chloride	4.93	84	6918	3.272	ug/l #	93
25) 2-Butanone	7.15	43	1074	2.509	ug/l #	48
29) Tetrahydrofuran	7.55	42	498	1.867	ug/l #	63
31) Cyclohexane	7.95	56	4875	1.427	ug/l #	21
36) 1,1-Dichloropropene	7.95	75	15196	5.302	ug/l #	50
38) Carbon Tetrachloride	7.95	117	20386	6.509	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	62638	67.985	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	62638	148.617	ug/l #	15

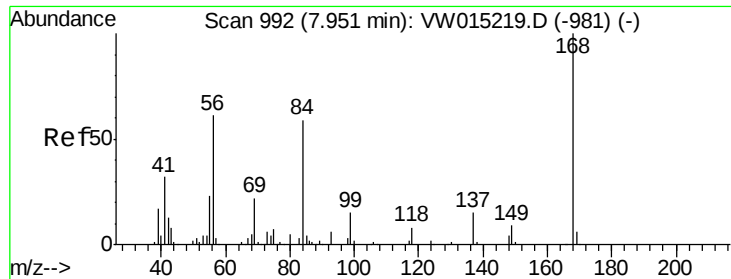
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042020\
Data File : VW015235.D
Acq On : 20 Apr 2020 20:31
Operator : SY/VA
Sample : L2346-04
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ClientSampleId :
S-3A

Quant Time: Apr 21 06:57:41 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: VW015235.D

Acq: 20 Apr 2020 20:31

Instrument :

MSVOA_W

ClientSampled :

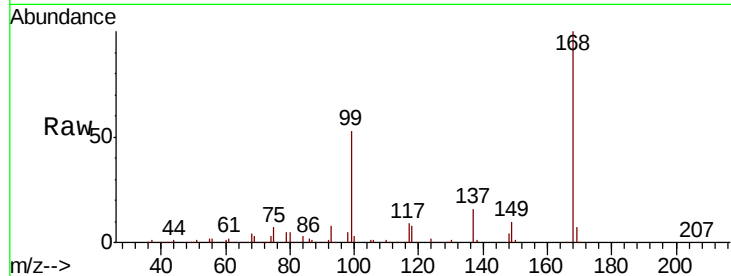
S-3A

Tot Ion:168 Resp: 225887

Ion Ratio Lower Upper

168 100

99 53.0 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

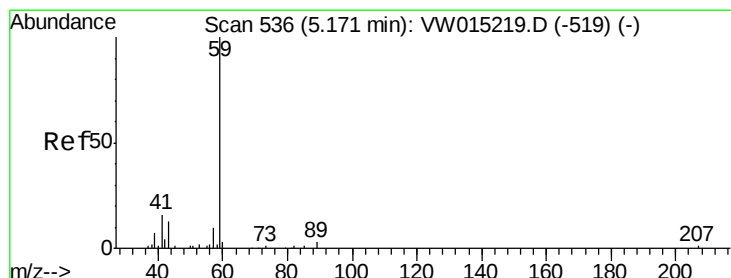
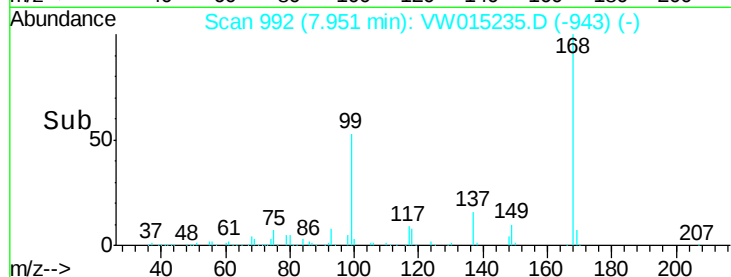
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 5.386 ug/l

RT: 5.13 min Scan# 530

Delta R.T. -0.04 min

Lab File: VW015235.D

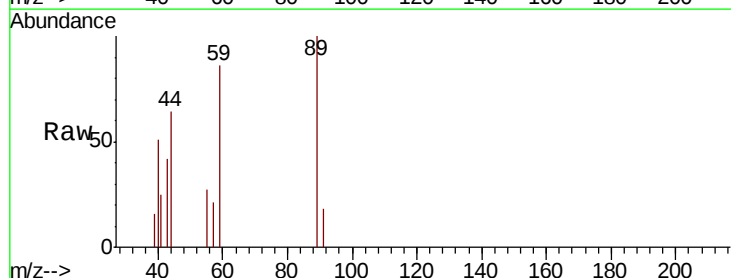
Acq: 20 Apr 2020 20:31

Tgt Ion: 59 Resp: 811

Ion Ratio Lower Upper

59 100

57 24.5 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.13

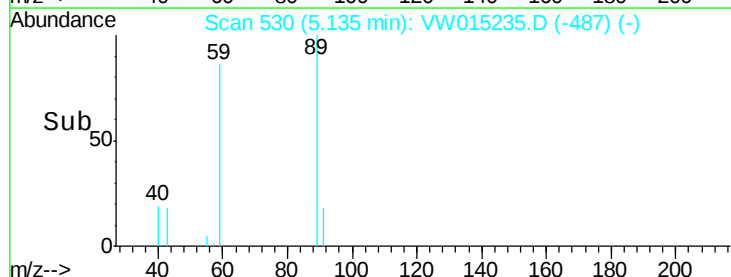
300

200

100

0

Time--> 5.05 5.10 5.15





#16

Acetone

Concen: 2.160 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.02 min

Lab File: VW015235.D

Acq: 20 Apr 2020 20:31

Instrument :

MSVOA_W

ClientSampled :

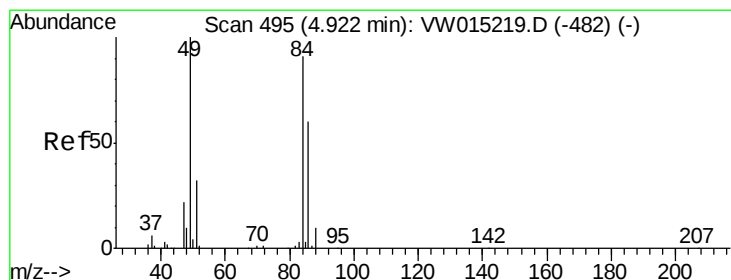
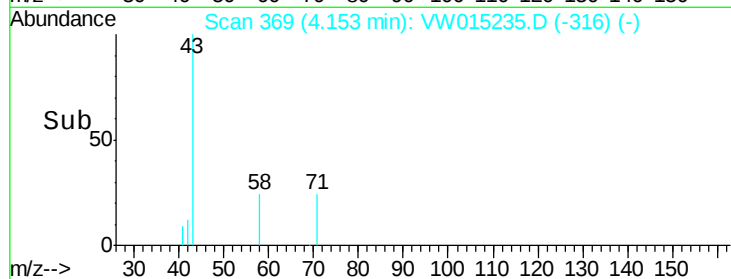
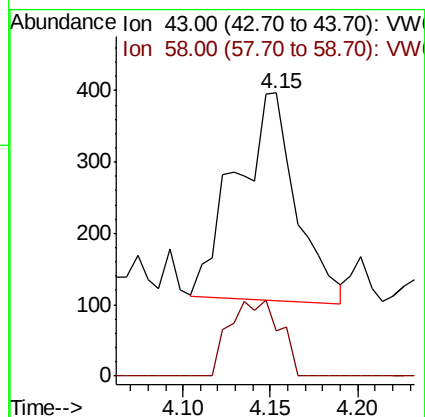
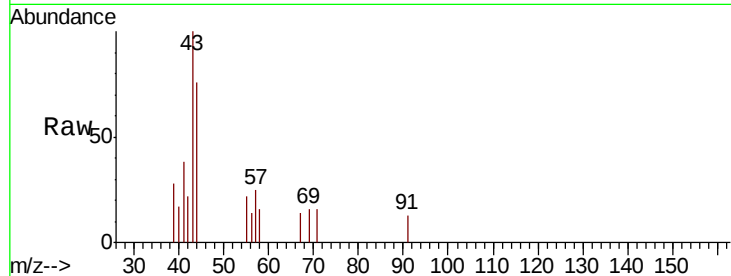
S-3A

Tot Ion: 43 Resp: 697

Ion Ratio Lower Upper

43 100

58 22.2 27.0 40.4#



#20

Methylene Chloride

Concen: 3.272 ug/l

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW015235.D

Acq: 20 Apr 2020 20:31

Tgt Ion: 84 Resp: 6918

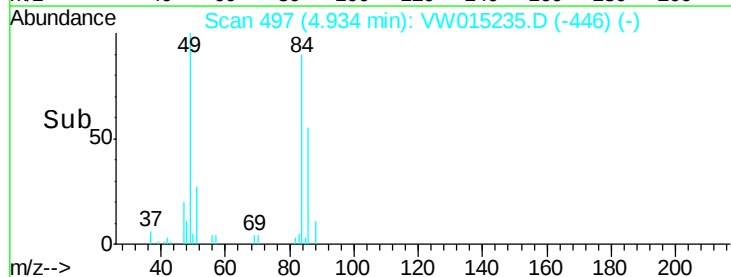
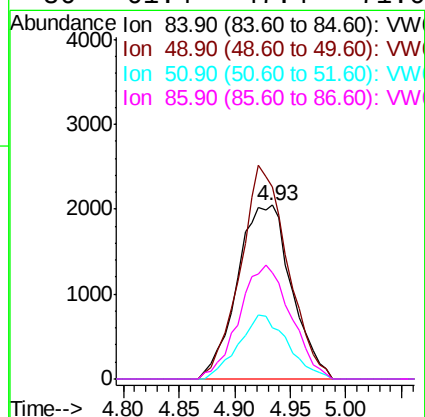
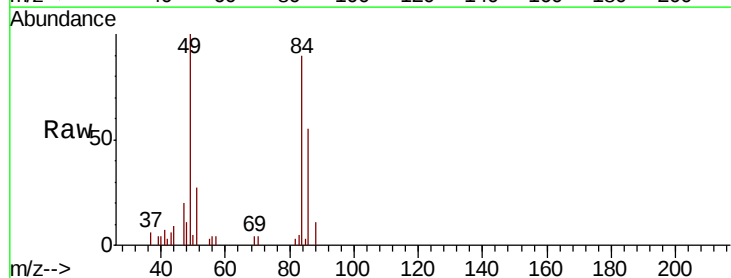
Ion Ratio Lower Upper

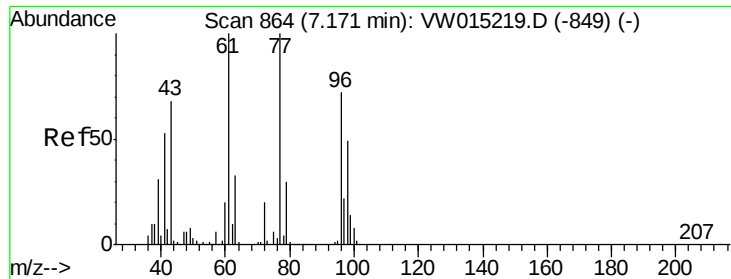
84 100

49 110.8 95.4 143.0

51 29.8 29.8 44.8#

86 61.4 47.4 71.0

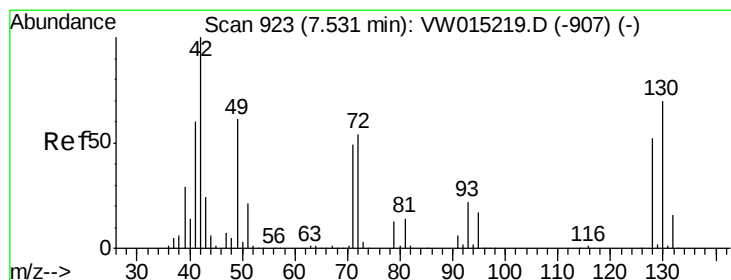
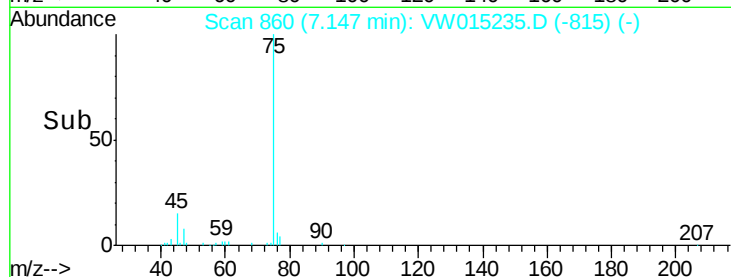
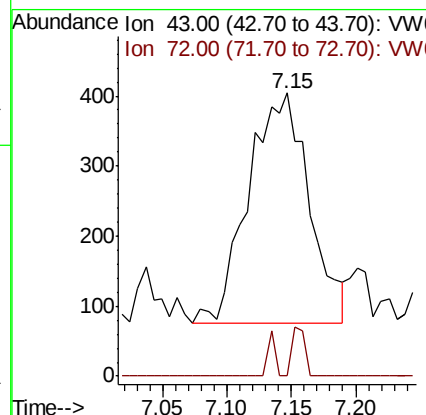
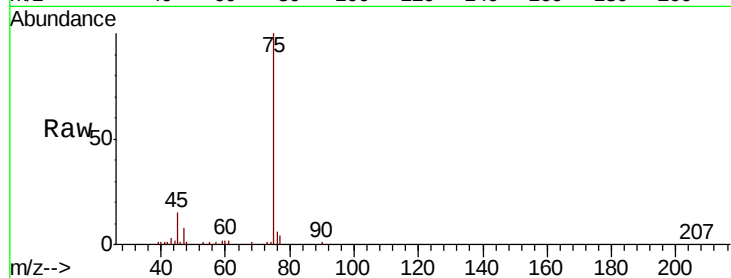




#25
2-Butanone
Concen: 2.509 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW015235.D
Acq: 20 Apr 2020 20:31

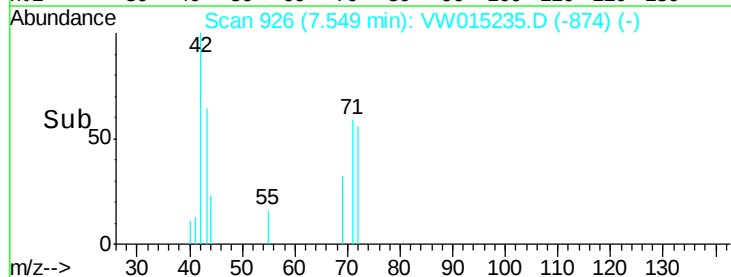
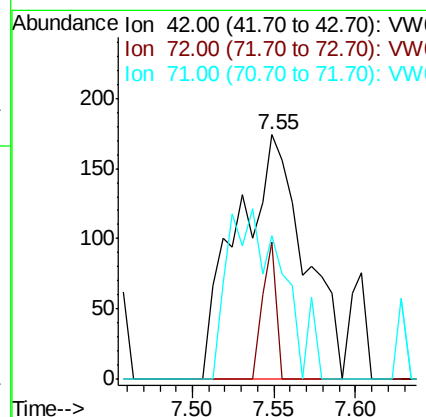
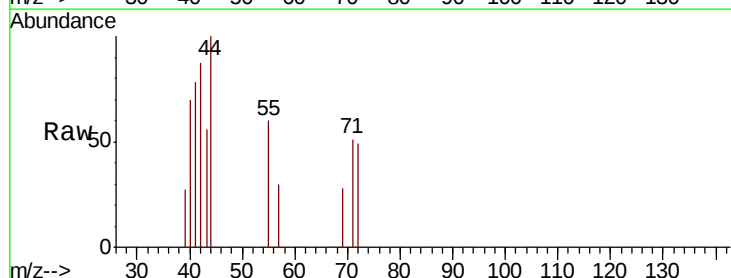
Instrument :
MSVOA_W
ClientSampled :
S-3A

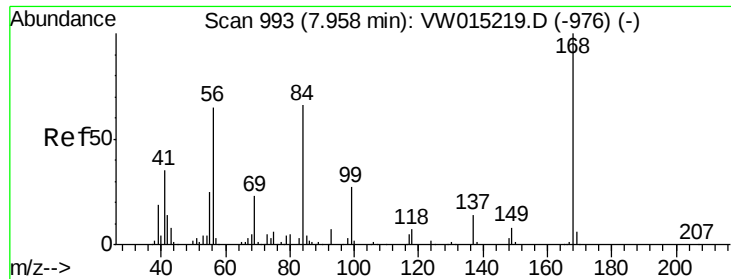
Tot Ion: 43 Resp: 1074
Ion Ratio Lower Upper
43 100
72 0.0 21.6 32.4#



#29
Tetrahydrofuran
Concen: 1.867 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.02 min
Lab File: VW015235.D
Acq: 20 Apr 2020 20:31

Tgt Ion: 42 Resp: 498
Ion Ratio Lower Upper
42 100
72 11.6 36.2 54.2#
71 57.2 34.2 51.4#

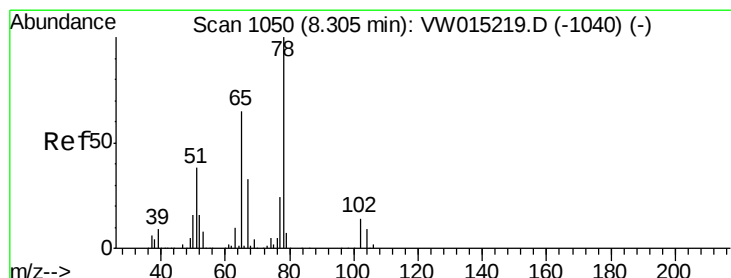
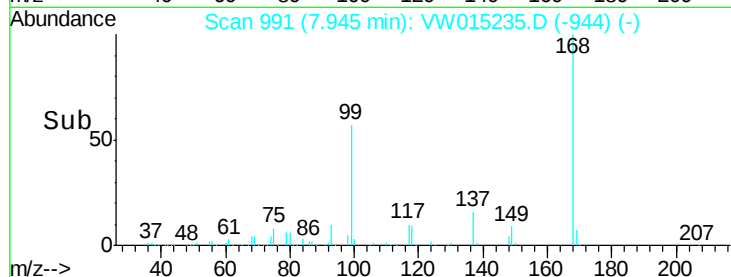
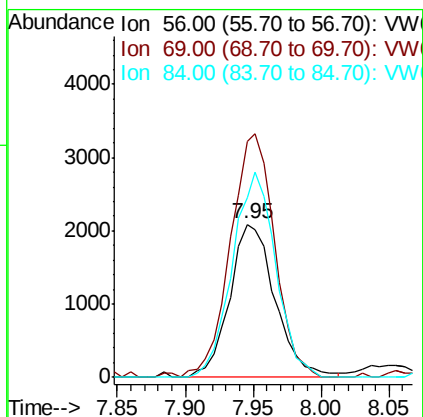
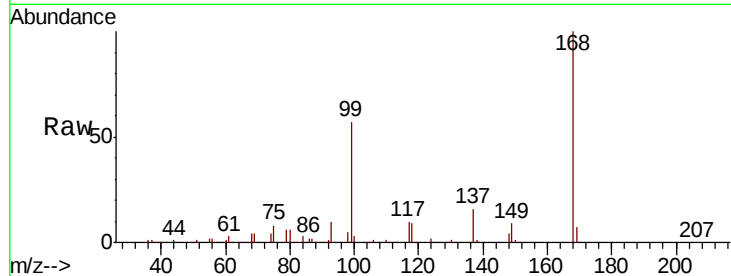




#31
Cyclohexane
Concen: 1.427 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW015235.D
Acq: 20 Apr 2020 20:31

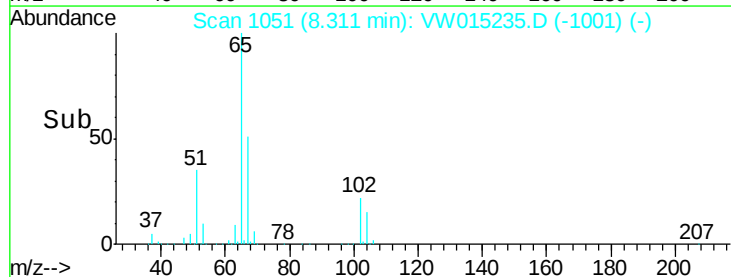
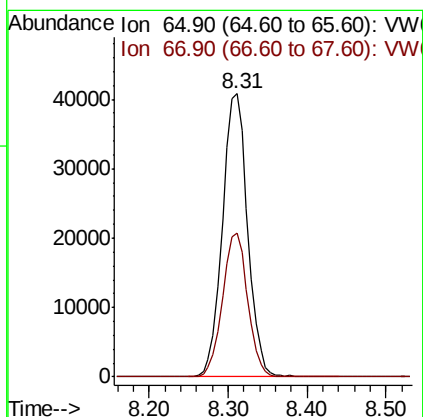
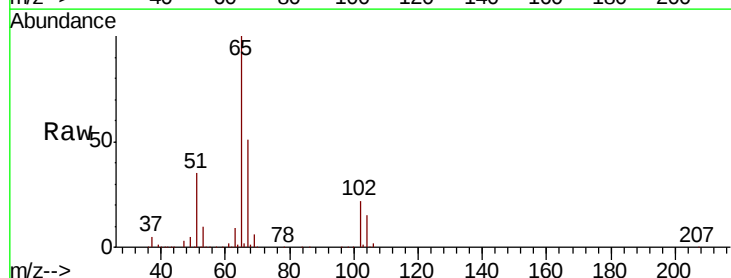
Instrument :
MSVOA_W
ClientSampled :
S-3A

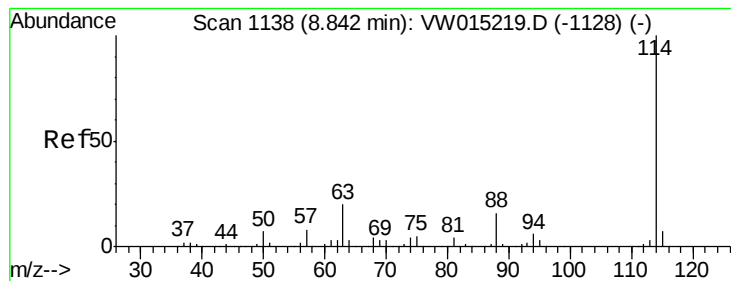
Tot Ion: 56 Resp: 4875
Ion Ratio Lower Upper
56 100
69 154.5 27.1 40.7#
84 117.9 71.9 107.9#



#33
1,2-Dichloroethane-d4
Concen: 49.145 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VW015235.D
Acq: 20 Apr 2020 20:31

Tgt Ion: 65 Resp: 90779
Ion Ratio Lower Upper
65 100
67 50.8 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: VW015235.D

Acq: 20 Apr 2020 20:31

Instrument :

MSVOA_W

ClientSampleId :

S-3A

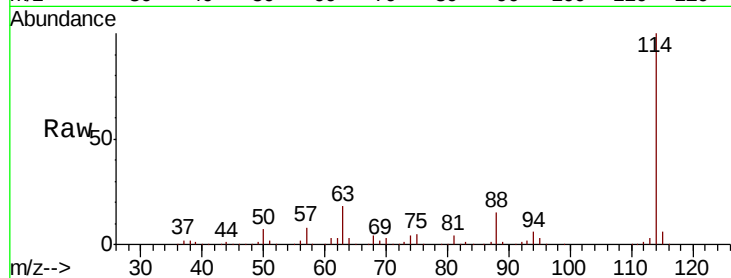
Tot Ion:114 Resp: 317544

Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.8

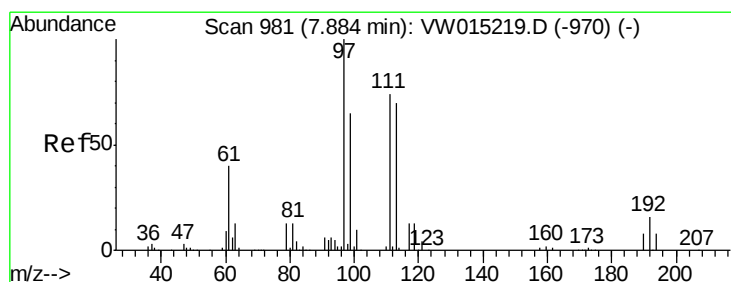
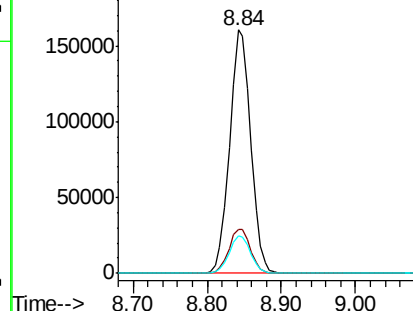
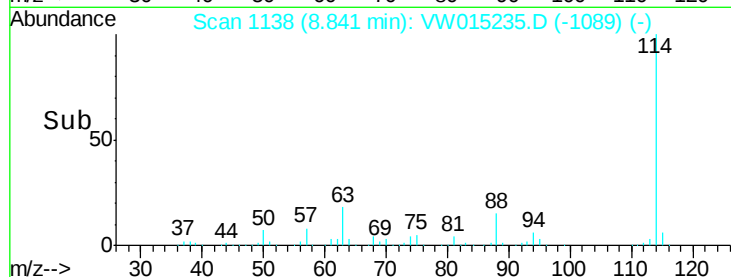
88 15.3 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 52.511 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW015235.D

Acq: 20 Apr 2020 20:31

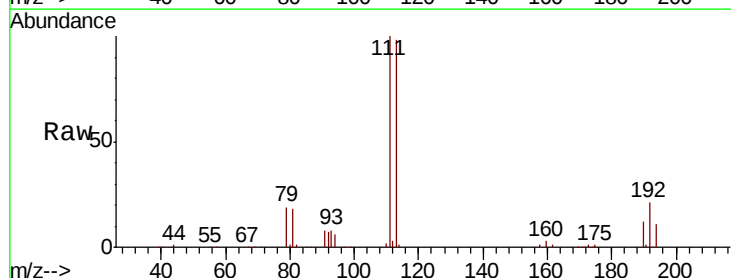
Tgt Ion:113 Resp: 92363

Ion Ratio Lower Upper

113 100

111 103.2 83.0 124.4

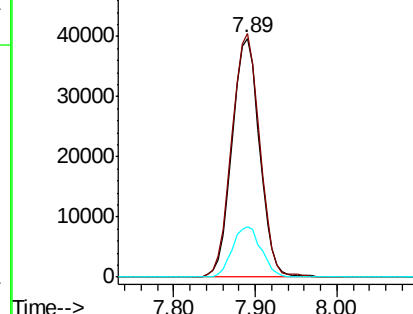
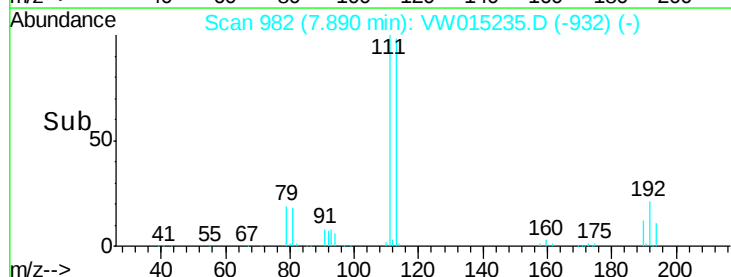
192 22.0 15.1 22.7

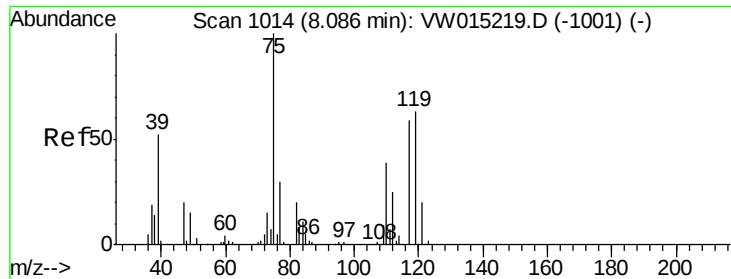


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

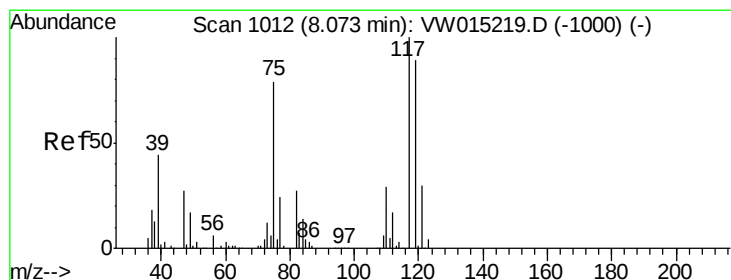
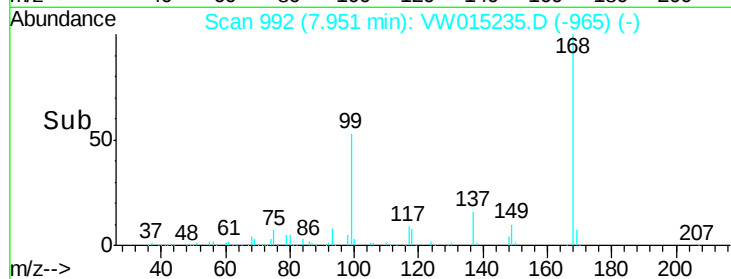
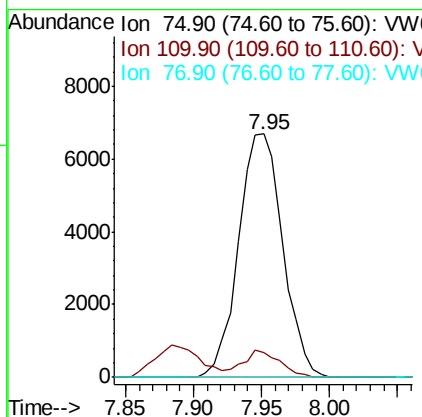
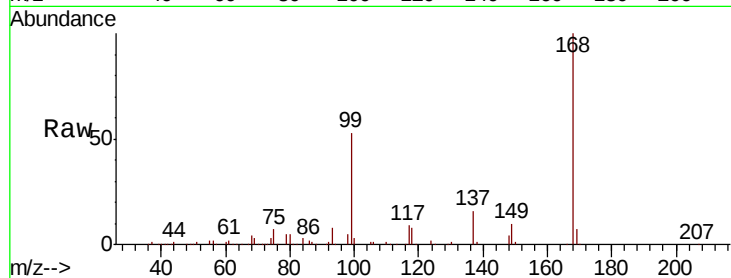




#36
 1,1-Dichloropropene
 Concen: 5.302 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW015235.D
 Acq: 20 Apr 2020 20:31

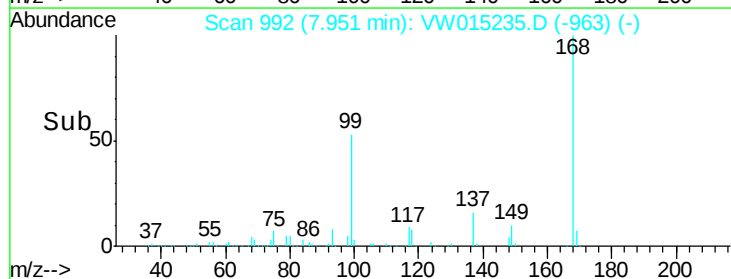
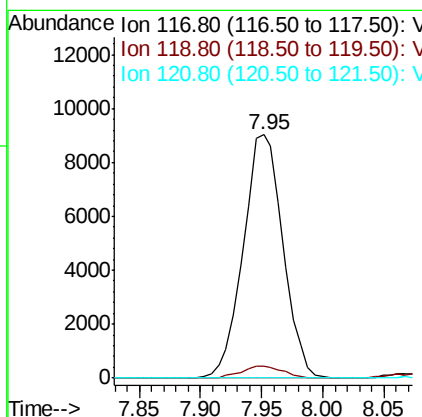
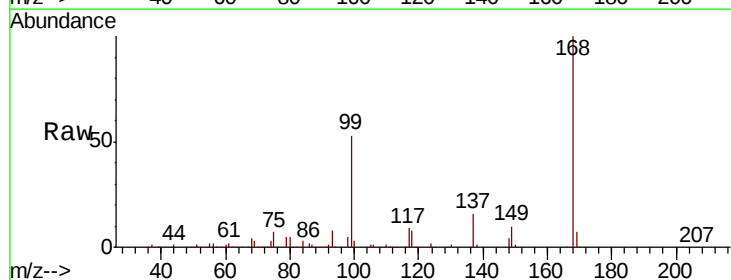
Instrument :
 MSVOA_W
 ClientSampleId :
 S-3A

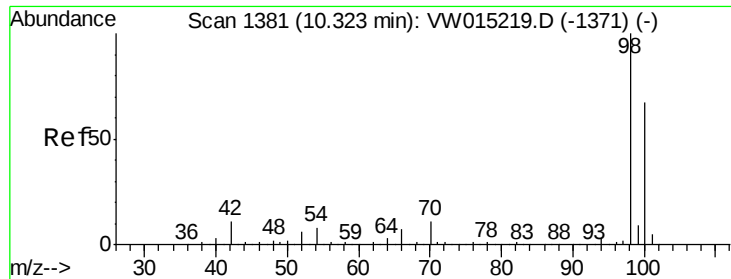
Tot Ion	75	Resp	15196
Ion Ratio	100	Lower	Upper
75	100		
110	9.4	18.2	54.6#
77	0.0	24.5	36.7#



#38
 Carbon Tetrachloride
 Concen: 6.509 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW015235.D
 Acq: 20 Apr 2020 20:31

Tgt Ion	117	Resp	20386
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	5.1	72.3	108.5#
121	0.0	23.7	35.5#





#50

Toluene-d8

Concen: 51.887 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015235.D

Acq: 20 Apr 2020 20:31

Instrument :

MSVOA_W

ClientSampleId :

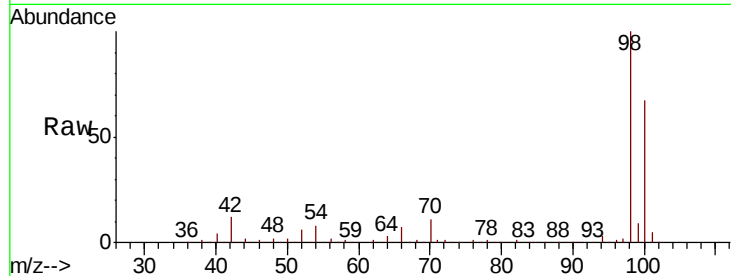
S-3A

Tot Ion: 98 Resp: 383930

Ion Ratio Lower Upper

98 100

100 64.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

250000

200000

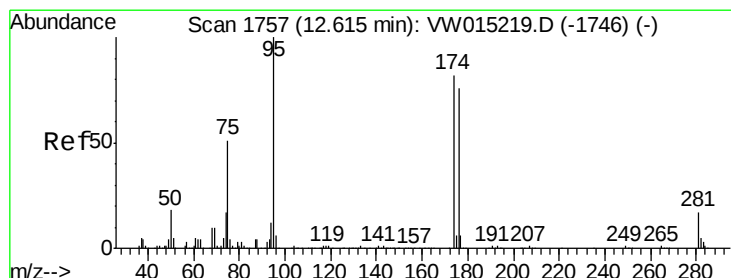
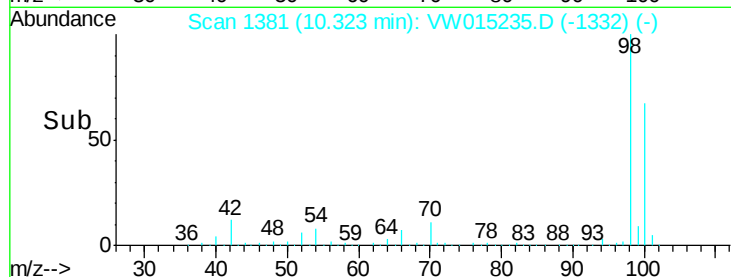
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.077 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW015235.D

Acq: 20 Apr 2020 20:31

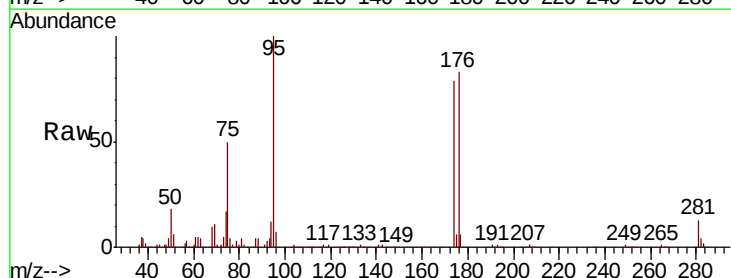
Tgt Ion: 95 Resp: 124438

Ion Ratio Lower Upper

95 100

174 88.4 0.0 144.4

176 86.9 0.0 140.6



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

12.62

100000

80000

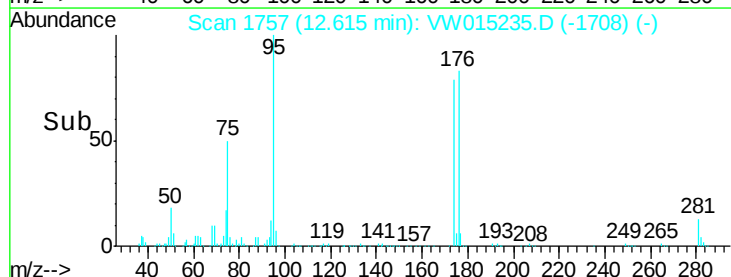
60000

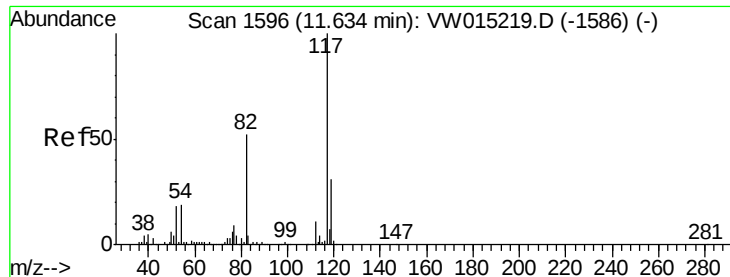
40000

20000

0

Time-->

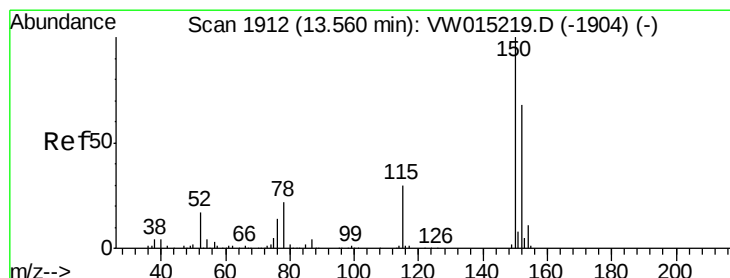
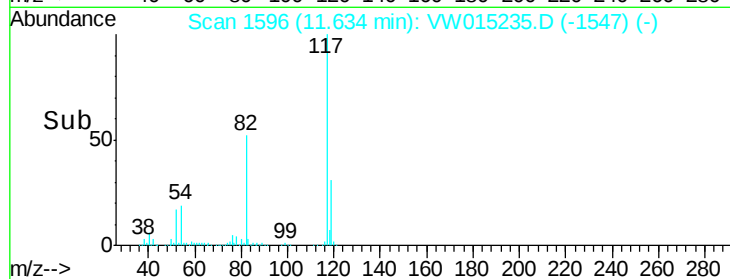
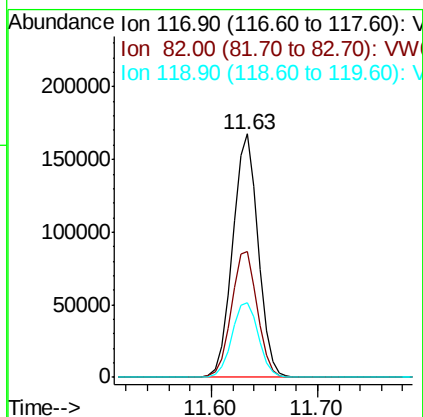
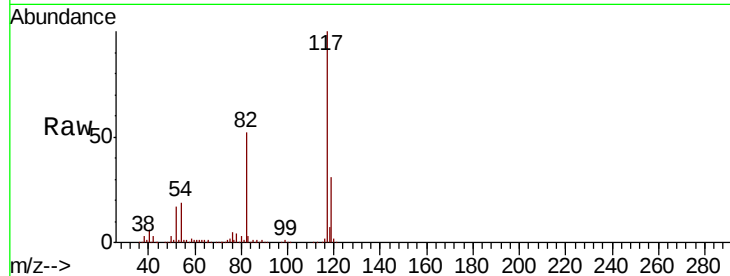




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015235.D
Acq: 20 Apr 2020 20:31

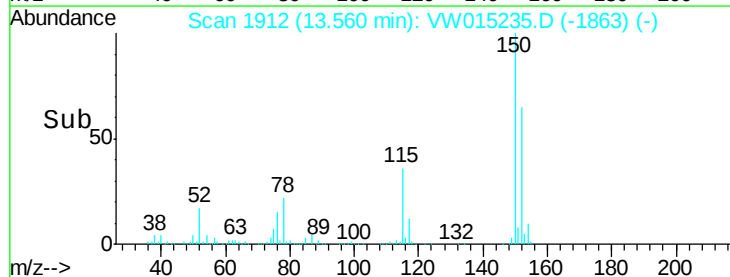
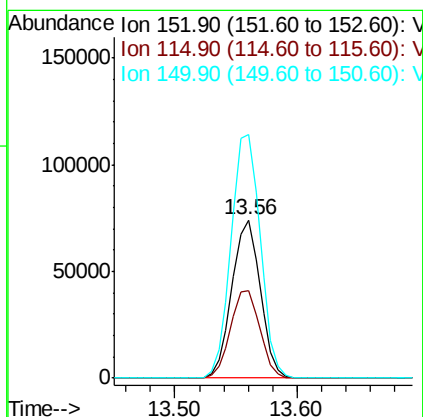
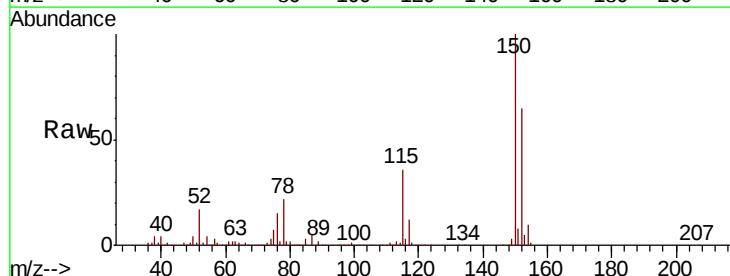
Instrument :
MSVOA_W
ClientSampled :
S-3A

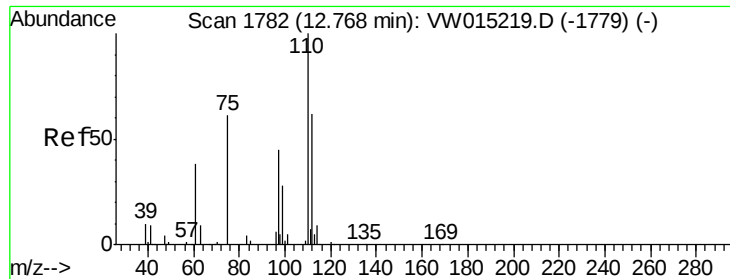
Tot Ion:117 Resp: 280803
Ion Ratio Lower Upper
117 100
82 51.5 44.1 66.1
119 30.6 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW015235.D
Acq: 20 Apr 2020 20:31

Tgt Ion:152 Resp: 119097
Ion Ratio Lower Upper
152 100
115 57.1 31.3 93.9
150 158.5 0.0 343.4

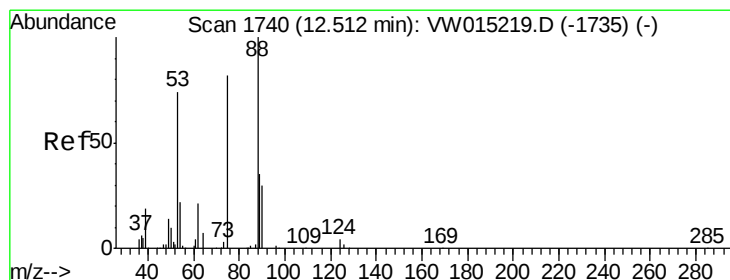
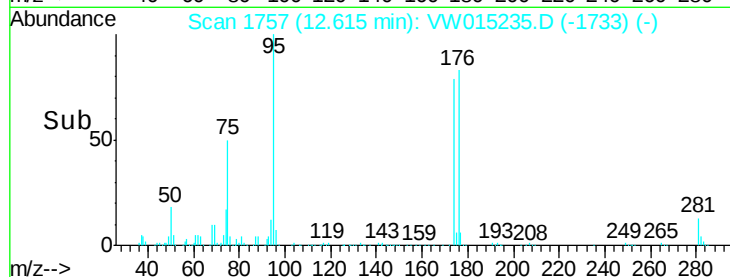
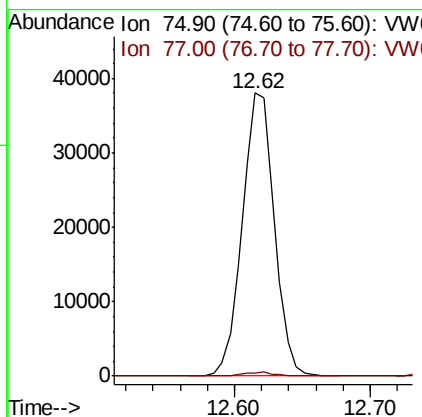
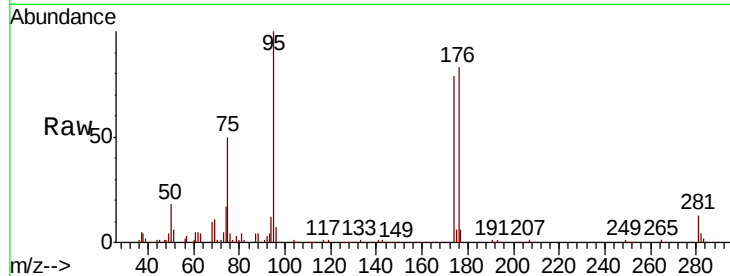




#76
 1,2,3-Trichloropropane
 Concen: 67.985 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW015235.D
 Acq: 20 Apr 2020 20:31

Instrument :
 MSVOA_W
 ClientSampleId :
 S-3A

Tot Ion: 75 Resp: 62638
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 148.617 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW015235.D
 Acq: 20 Apr 2020 20:31

Tgt Ion: 75 Resp: 62638
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.4 104.2#
 89 0.0 34.8 52.2#

