

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042420\
 Data File : VW015345.D
 Acq On : 24 Apr 2020 16:02
 Operator : SY/VA
 Sample : L2412-06
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 25 06:50:23 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

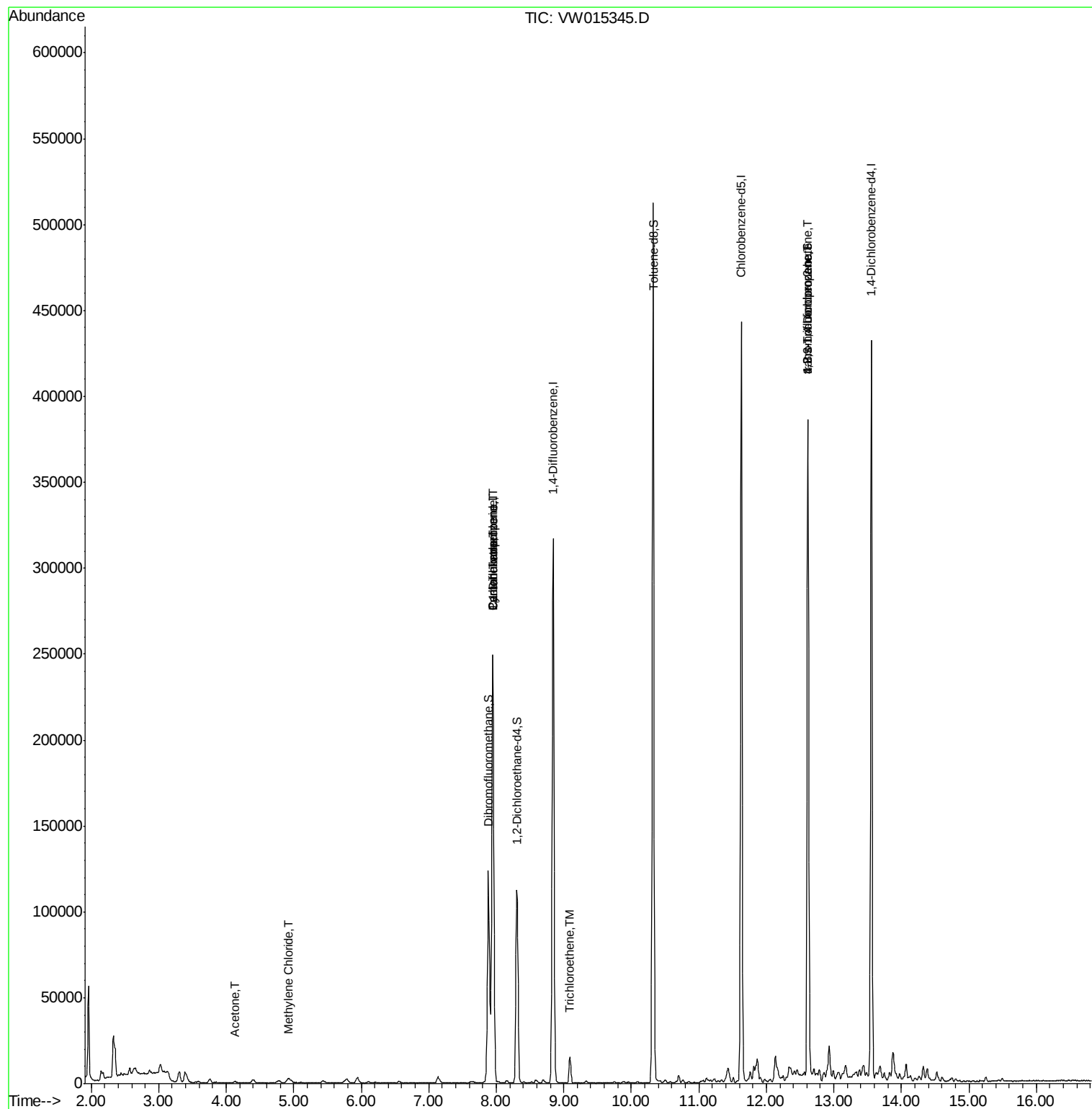
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	208402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	282686	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	262248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	121652	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	90609	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.34%	
35) Dibromofluoromethane	7.88	113	85090	54.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.68%	
50) Toluene-d8	10.32	98	342324	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	
62) 4-Bromofluorobenzene	12.62	95	121891	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	1995	6.702	ug/l	100
20) Methylene Chloride	4.92	84	2171	1.113	ug/l	95
31) Cyclohexane	7.95	56	3960	1.257	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	13085	5.129	ug/l #	50
38) Carbon Tetrachloride	7.95	117	18201	6.528	ug/l #	18
44) Trichloroethene	9.09	130	5303	2.544	ug/l	92
76) 1,2,3-Trichloropropane	12.62	75	61257	65.090	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	61257	142.288	ug/l #	15

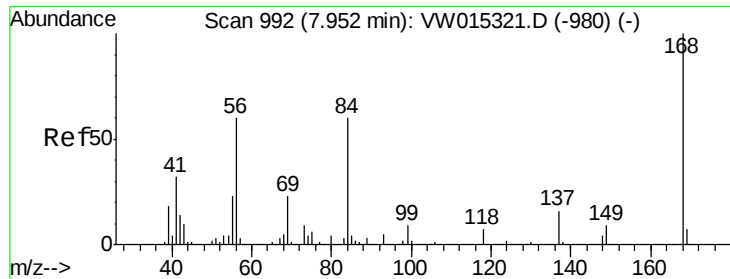
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042420\
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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: VW015345.D

Acq: 24 Apr 2020 16:02

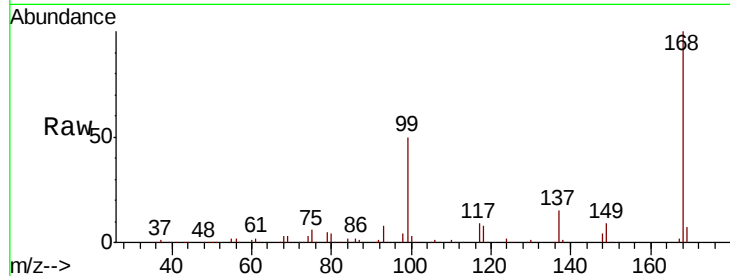
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 208402

Ion Ratio Lower Upper

168 100

99 50.2 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

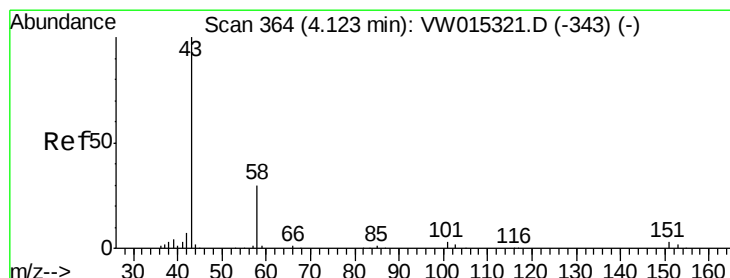
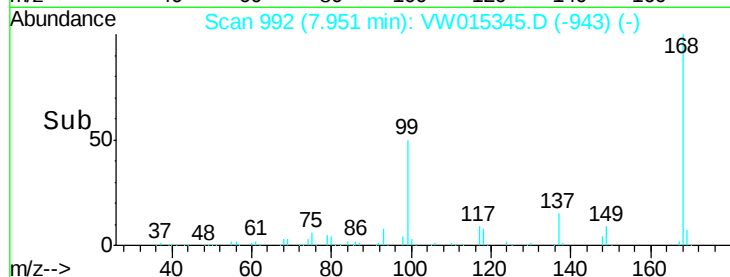
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 6.702 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015345.D

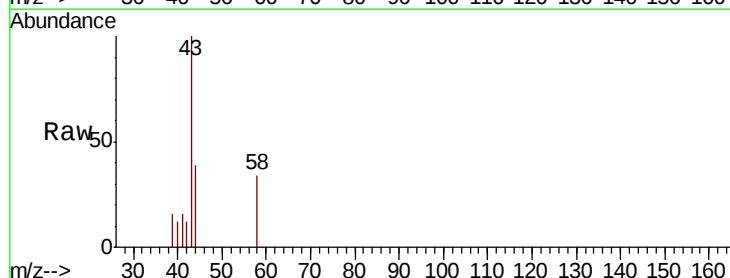
Acq: 24 Apr 2020 16:02

Tgt Ion: 43 Resp: 1995

Ion Ratio Lower Upper

43 100

58 33.7 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

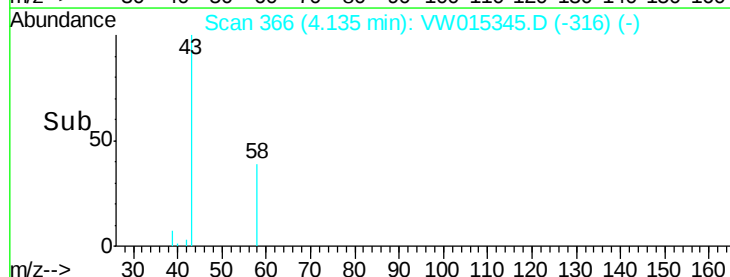
600

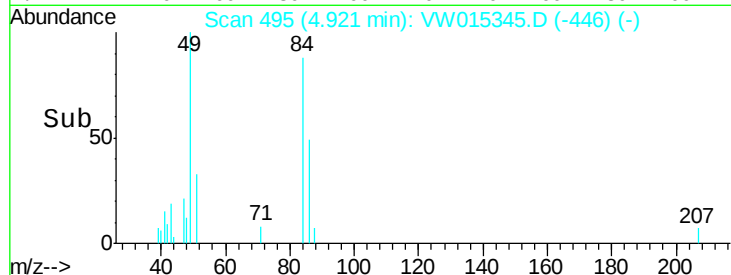
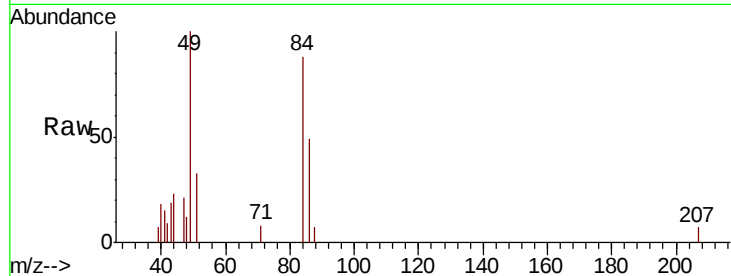
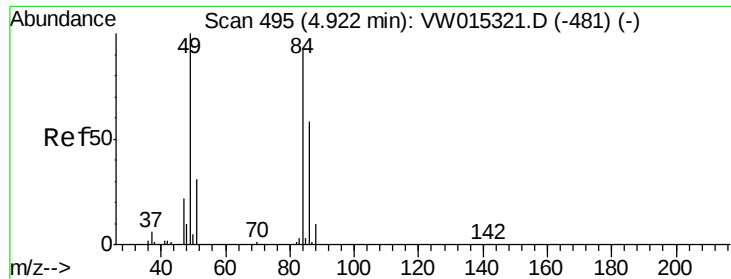
400

200

0

Time--> 4.05 4.10 4.15 4.20

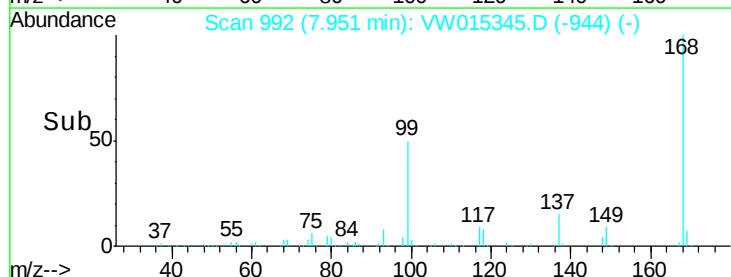
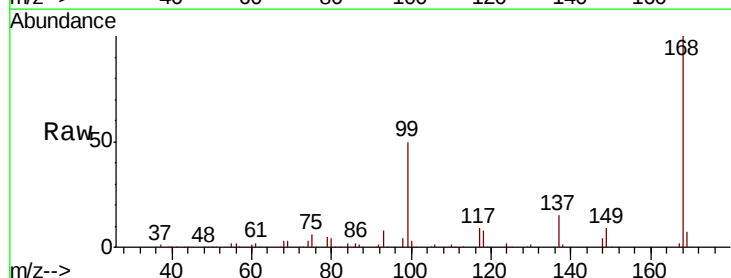
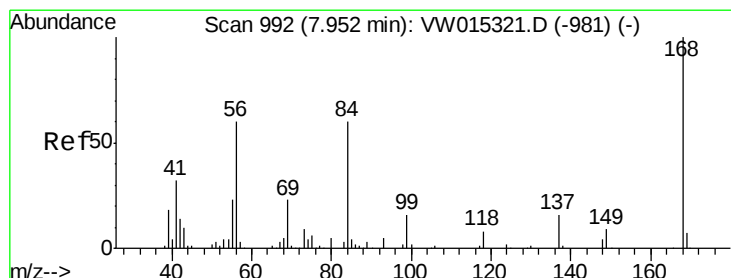
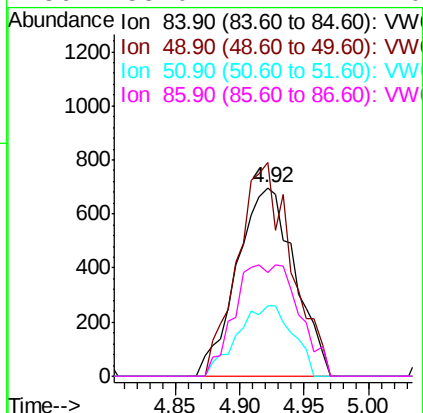




#20
Methvlene Chloride
Concen: 1.113 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW015345.D
Acq: 24 Apr 2020 16:02

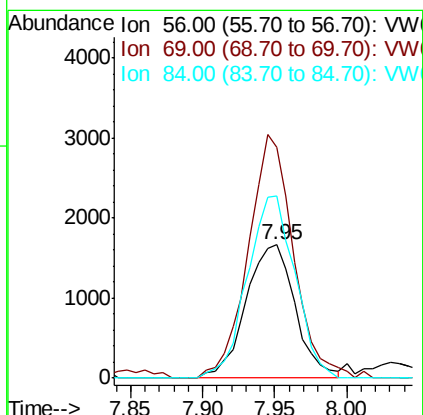
Instrument :
MSVOA_W
ClientSampleId :

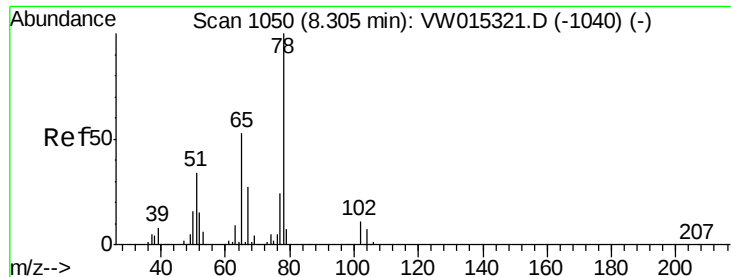
Tot Ion: 84	Resp: 2171
Ion Ratio	Lower Upper
84 100	
49 113.2	95.4 143.0
51 37.2	29.8 44.8
86 55.0	47.4 71.0



#31
Cyclohexane
Concen: 1.257 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015345.D
Acq: 24 Apr 2020 16:02

Tgt	Ion: 56	Resp:	3960
Ion	Ratio	Lower	Upper
56	100		
69	172.9	27.1	40.7#
84	136.3	71.9	107.9#

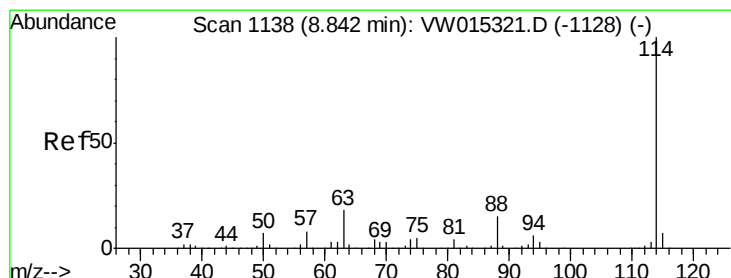
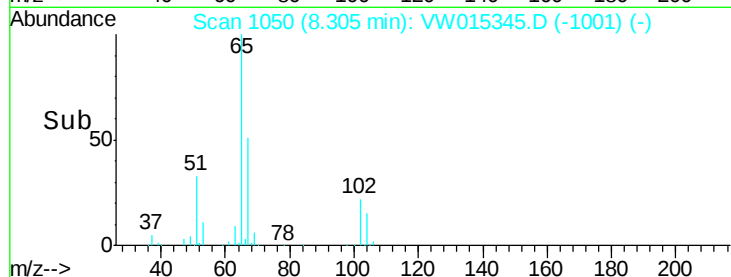
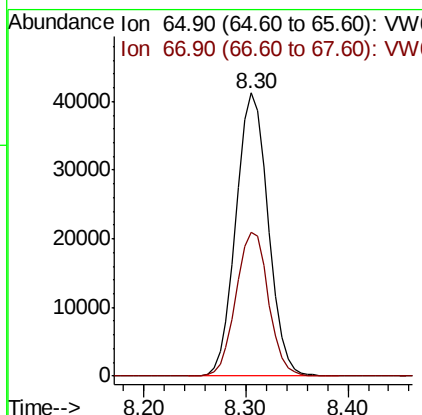
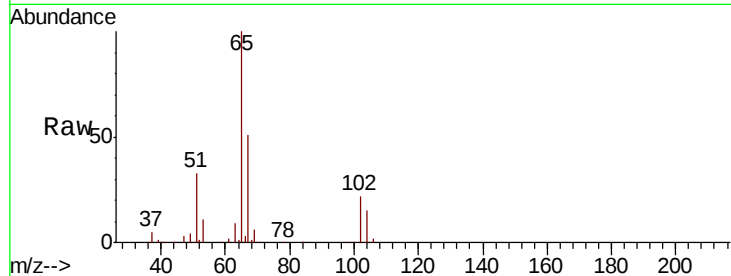




#33
 1,2-Dichloroethane-d4
 Concen: 53.168 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW015345.D
 Acq: 24 Apr 2020 16:02

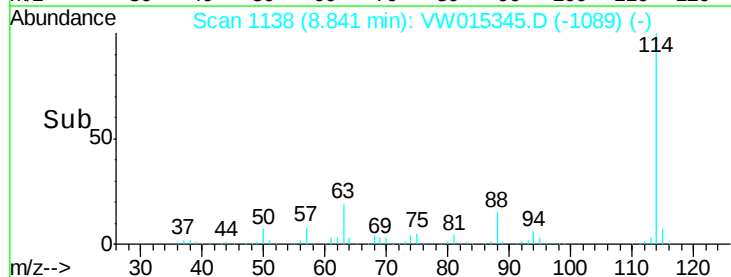
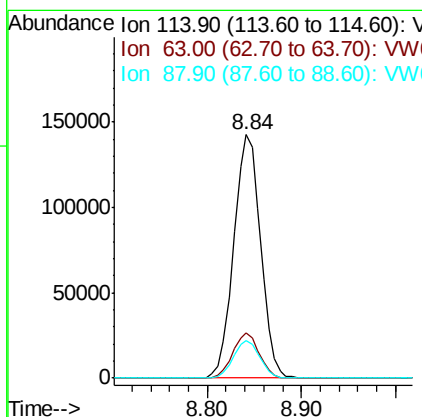
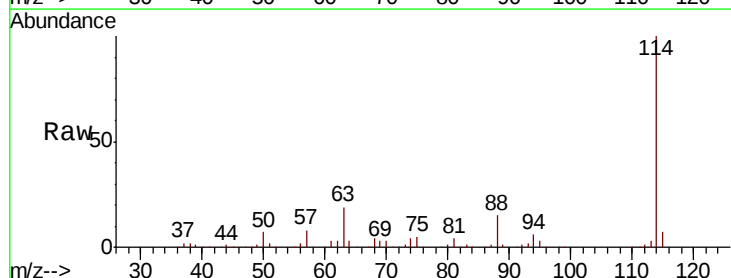
Instrument :
 MSVOA_W
 ClientSampleId :

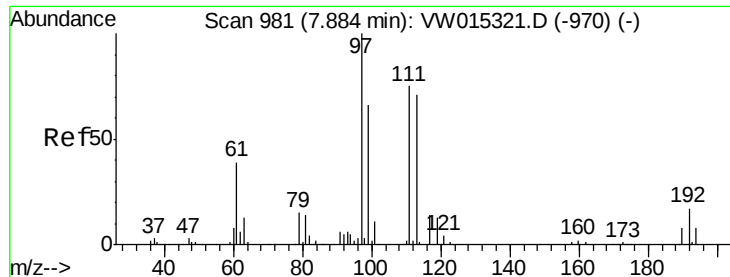
Tot Ion: 65 Resp: 90609
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015345.D
 Acq: 24 Apr 2020 16:02

Tgt Ion: 114 Resp: 282686
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.8
 88 15.3 0.0 30.2

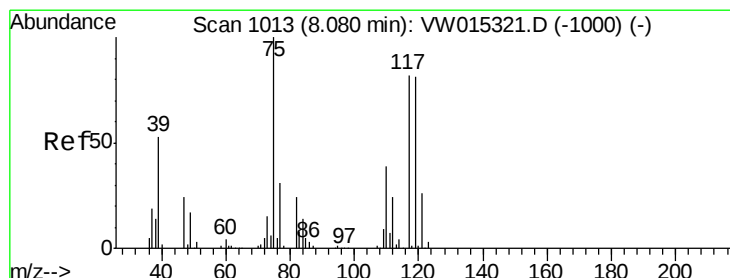
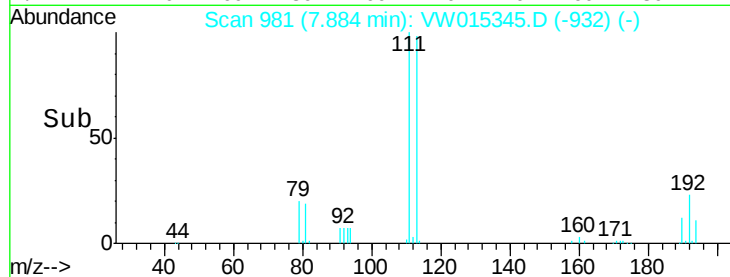
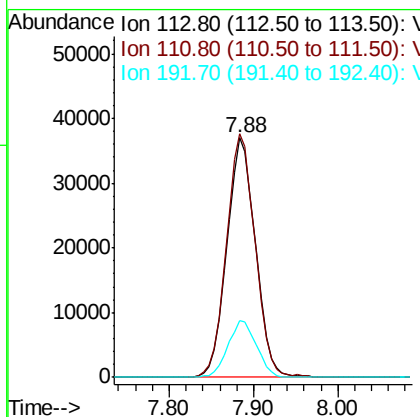
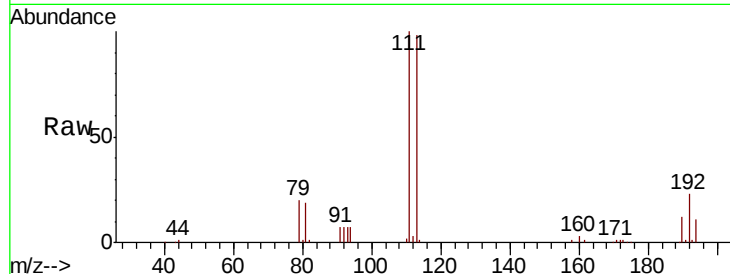




#35
 Dibromofluoromethane
 Concen: 54.341 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW015345.D
 Acq: 24 Apr 2020 16:02

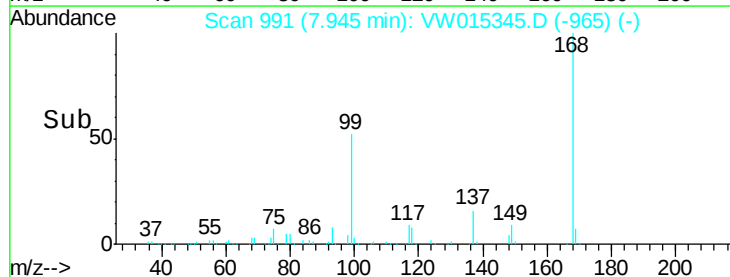
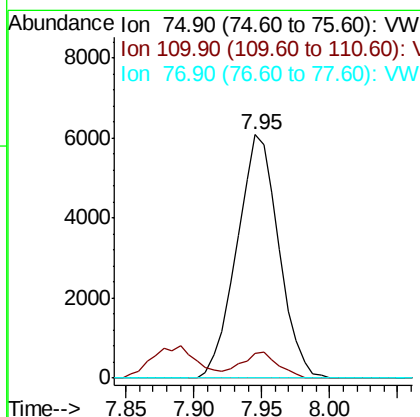
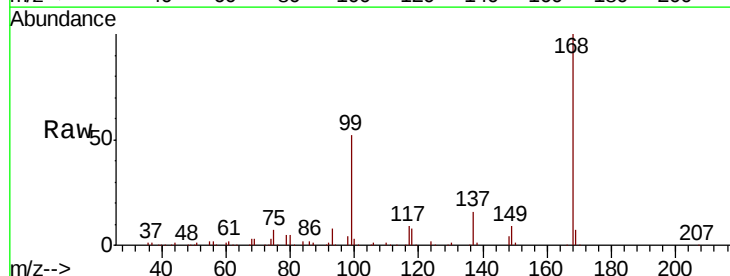
Instrument :
 MSVOA_W
 ClientSampled :

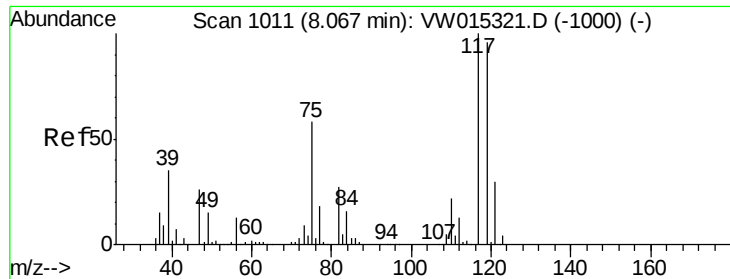
Tot Ion:113 Resp: 85090
 Ion Ratio Lower Upper
 113 100
 111 102.3 83.0 124.4
 192 23.6 15.1 22.7#



#36
 1,1-Dichloropropene
 Concen: 5.129 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015345.D
 Acq: 24 Apr 2020 16:02

Tgt Ion: 75 Resp: 13085
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.2 54.6#
 77 0.0 24.5 36.7#

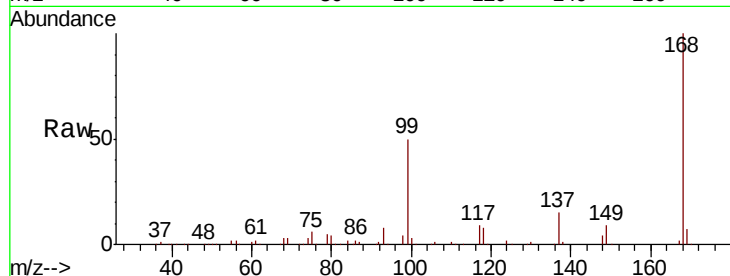




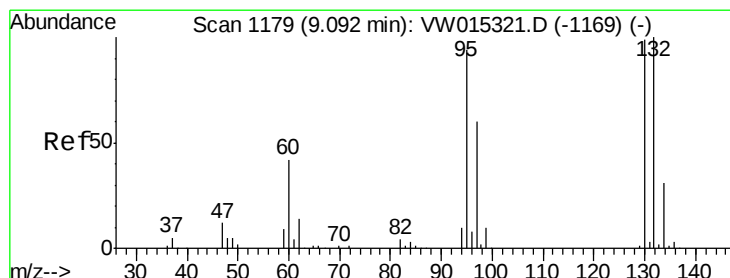
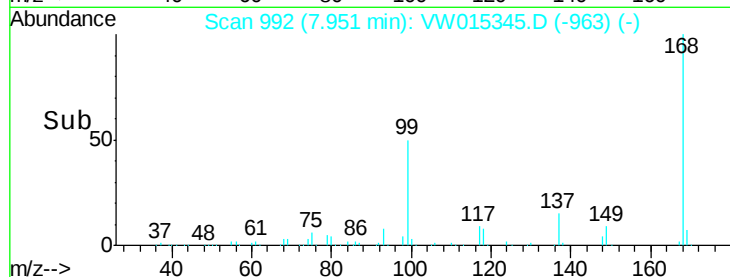
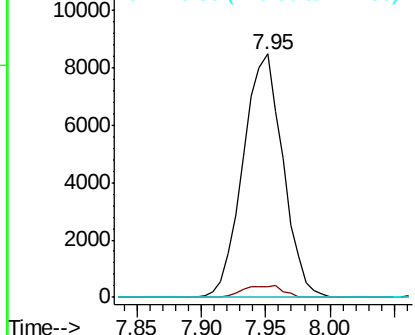
#38
Carbon Tetrachloride
Concen: 6.528 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW015345.D
Acq: 24 Apr 2020 16:02

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 18201
Ion Ratio Lower Upper
117 100
119 4.6 72.3 108.5#
121 0.0 23.7 35.5#

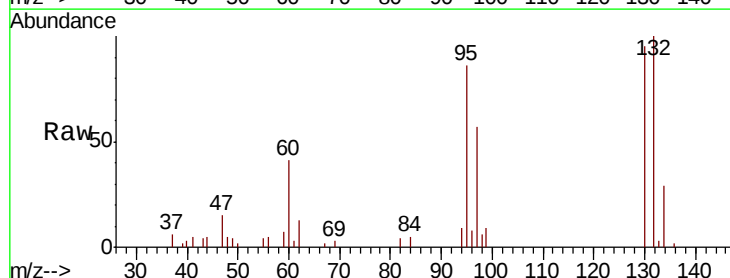


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

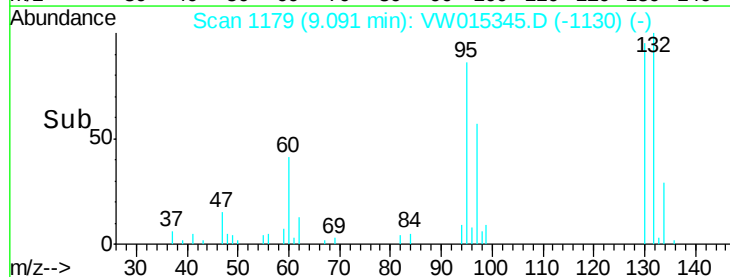
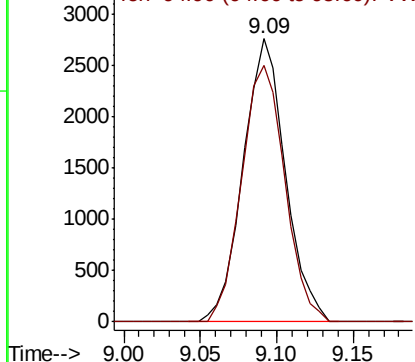


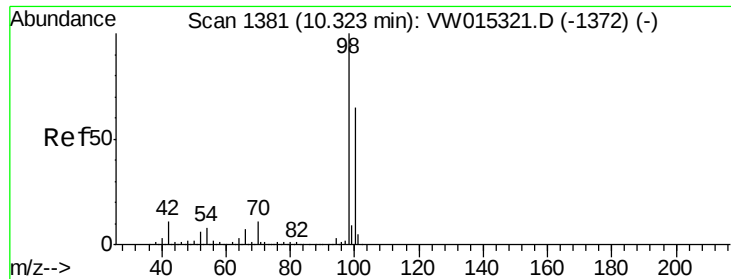
#44
Trichloroethene
Concen: 2.544 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW015345.D
Acq: 24 Apr 2020 16:02

Tgt Ion:130 Resp: 5303
Ion Ratio Lower Upper
130 100
95 90.6 0.0 196.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 51.969 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015345.D

Acq: 24 Apr 2020 16:02

Instrument :

MSVOA_W

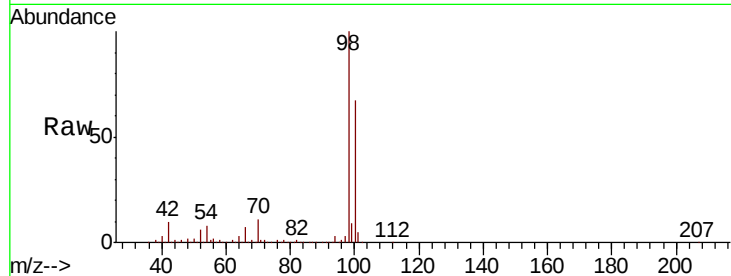
ClientSampled :

Tot Ion: 98 Resp: 342324

Ion Ratio Lower Upper

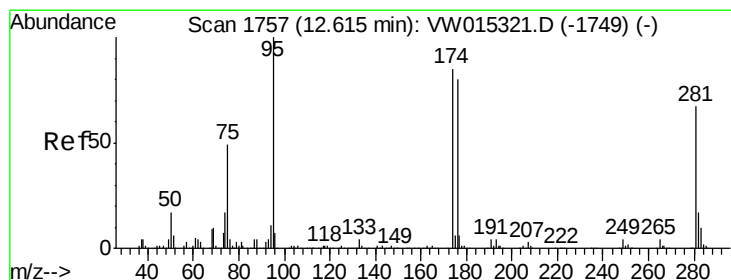
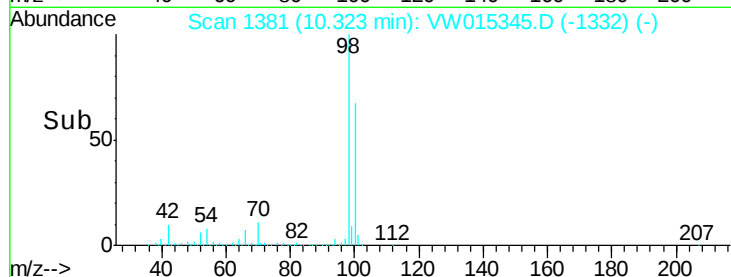
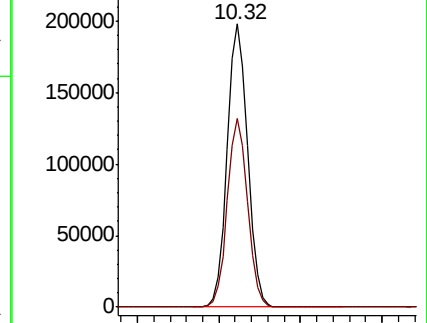
98 100

100 66.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 48.499 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW015345.D

Acq: 24 Apr 2020 16:02

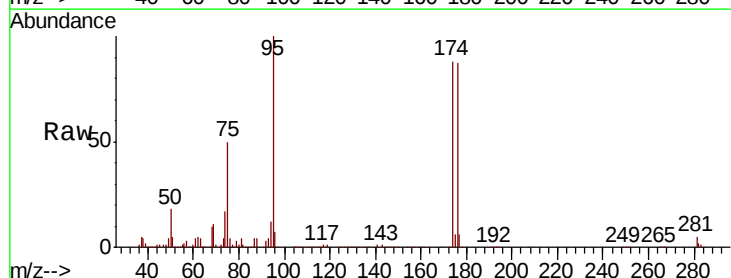
Tgt Ion: 95 Resp: 121891

Ion Ratio Lower Upper

95 100

174 90.2 0.0 144.4

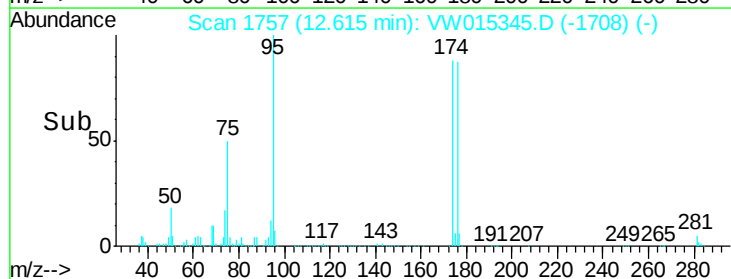
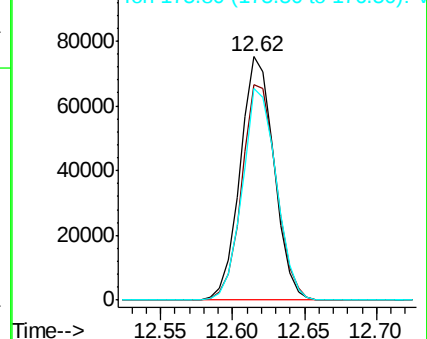
176 87.6 0.0 140.6

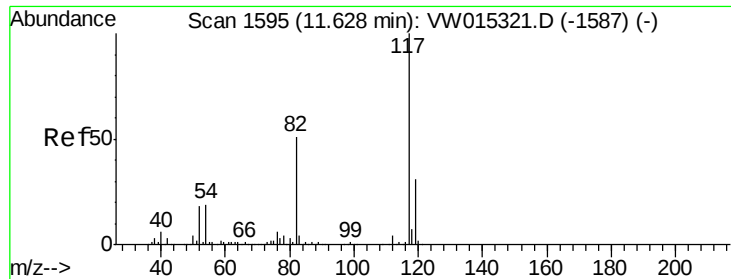


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

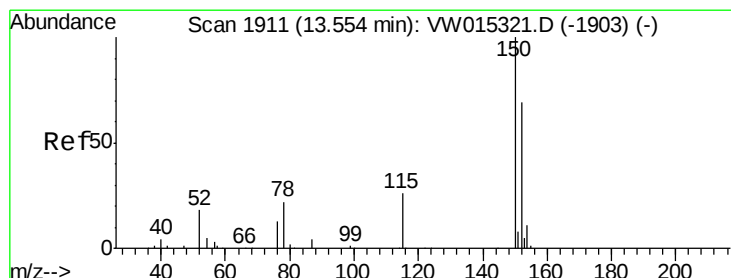
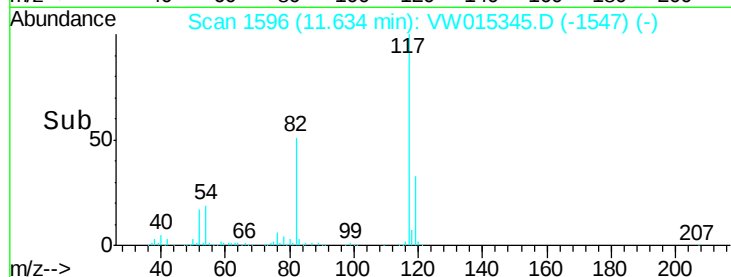
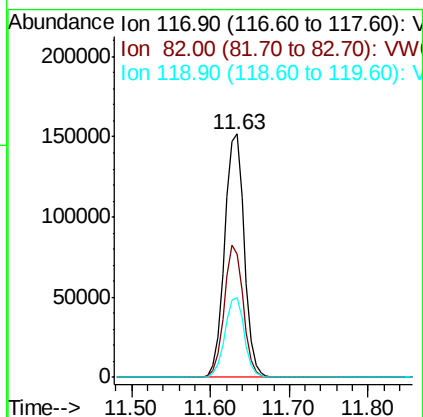
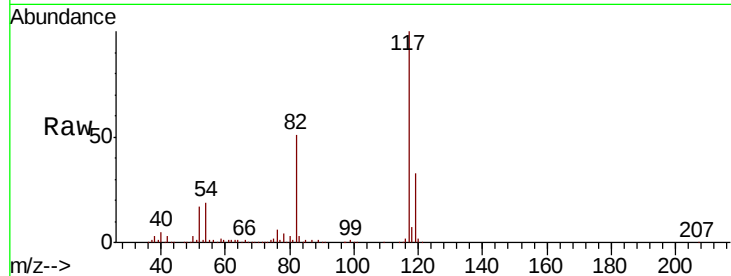




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015345.D
Acq: 24 Apr 2020 16:02

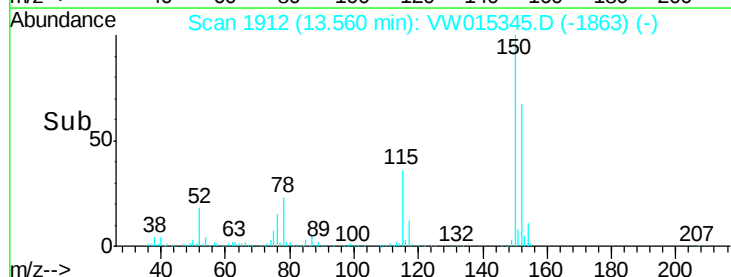
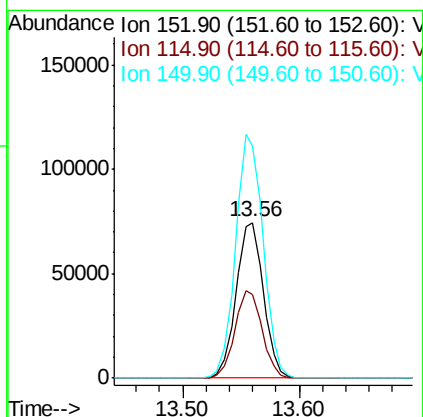
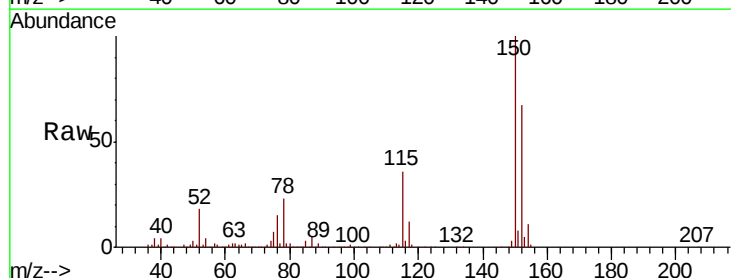
Instrument :
MSVOA_W
ClientSampleId :

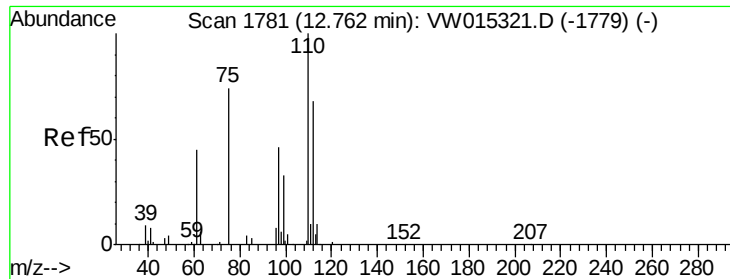
Tot Ion:117 Resp: 262248
Ion Ratio Lower Upper
117 100
82 50.4 44.1 66.1
119 32.8 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW015345.D
Acq: 24 Apr 2020 16:02

Tgt Ion:152 Resp: 121652
Ion Ratio Lower Upper
152 100
115 56.1 31.3 93.9
150 157.9 0.0 343.4

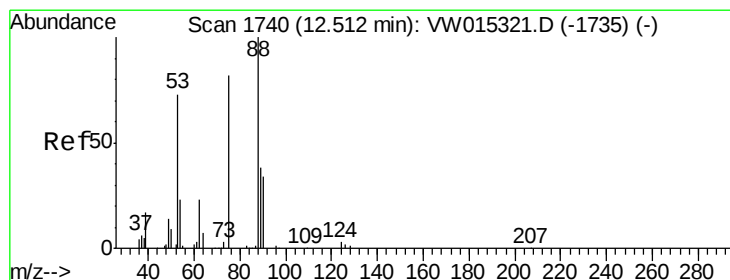
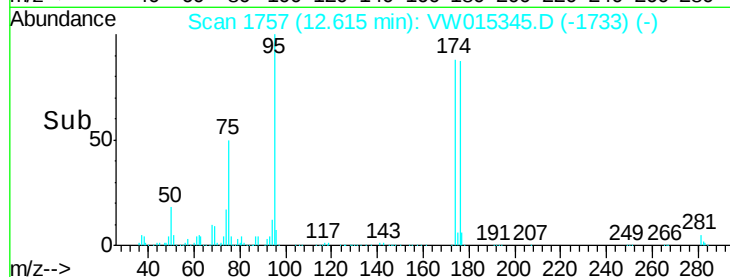
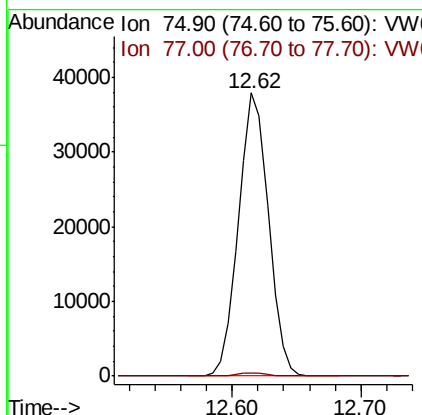
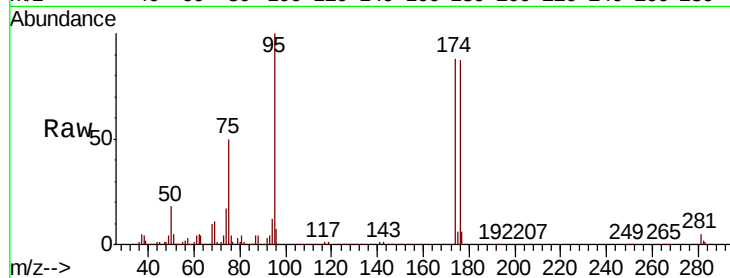




#76
 1,2,3-Trichloropropane
 Concen: 65.090 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW015345.D
 Acq: 24 Apr 2020 16:02

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 61257
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 142.288 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW015345.D
 Acq: 24 Apr 2020 16:02

Tgt Ion: 75 Resp: 61257
 Ion Ratio Lower Upper
 75 100
 53 0.2 69.4 104.2#
 89 0.0 34.8 52.2#

