

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042020\
 Data File : VW015239.D
 Acq On : 20 Apr 2020 22:12
 Operator : SY/VA
 Sample : L2347-01
 Misc : 5.45G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4

Quant Time: Apr 21 06:59:00 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

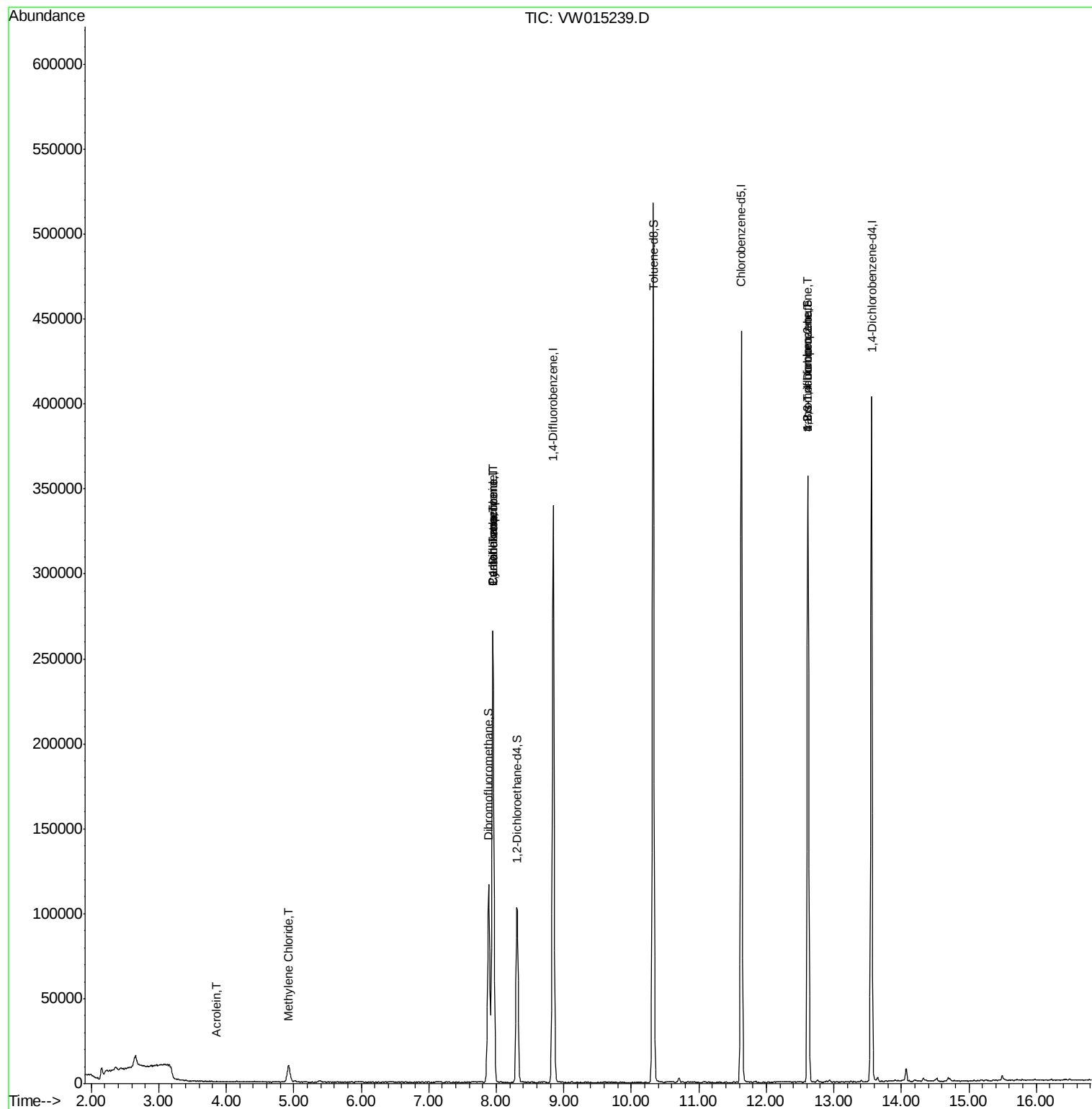
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	295528	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	263532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	113124	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	83098	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
35) Dibromofluoromethane	7.88	113	83206	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
50) Toluene-d8	10.32	98	353741	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
62) 4-Bromofluorobenzene	12.62	95	115976	44.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.28%	
Target Compounds						
					Qvalue	
13) Acrolein	3.86	56	88	1.197	ug/l #	1
20) Methylene Chloride	4.92	84	7831	3.970	ug/l	94
31) Cyclohexane	7.95	56	4128	1.295	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	14111	5.290	ug/l #	50
38) Carbon Tetrachloride	7.95	117	19036	6.531	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	58248	66.559	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	58248	145.498	ug/l #	15

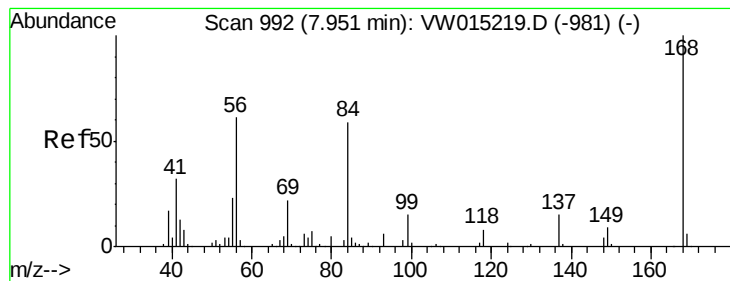
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042020\
Data File : VW015239.D
Acq On : 20 Apr 2020 22:12
Operator : SY/VA
Sample : L2347-01
Misc : 5.45G/5ML/MSVOA W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-4

Quant Time: Apr 21 06:59:00 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: VW015239.D

Acq: 20 Apr 2020 22:12

Instrument :

MSVOA_W

ClientSampled :

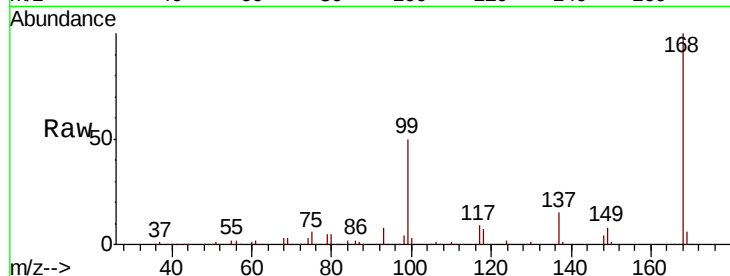
TP-4

Tot Ion:168 Resp: 210747

Ion Ratio Lower Upper

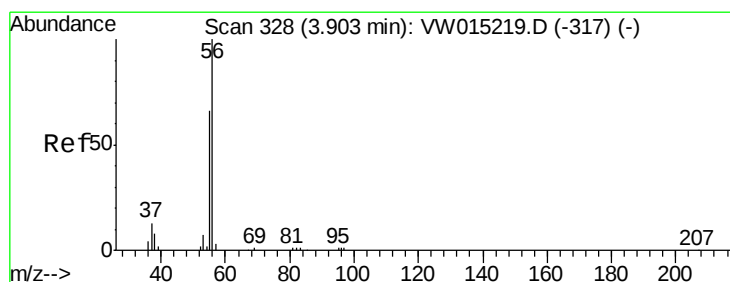
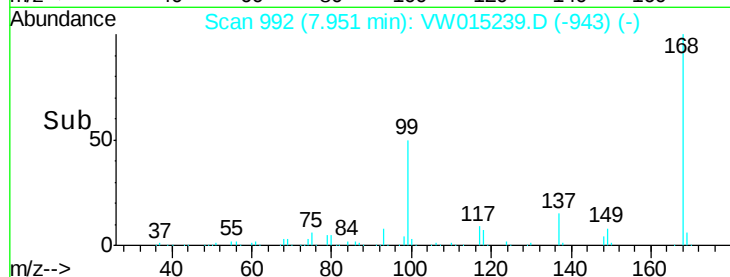
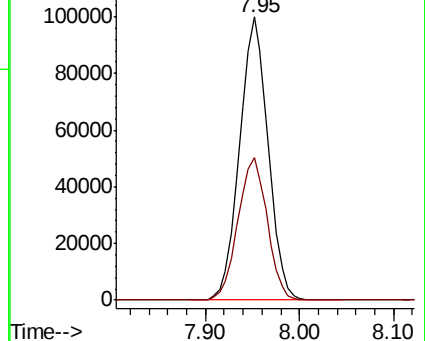
168 100

99 50.3 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#13

Acrolein

Concen: 1.197 ug/l

RT: 3.86 min Scan# 321

Delta R.T. -0.04 min

Lab File: VW015239.D

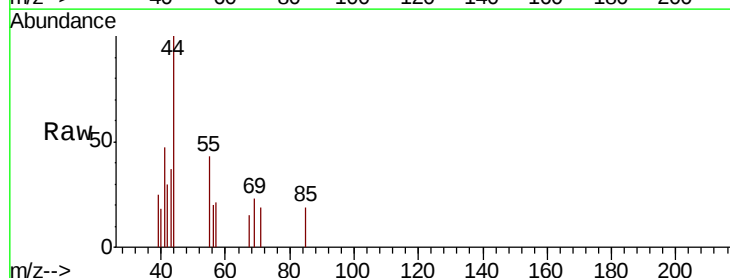
Acq: 20 Apr 2020 22:12

Tgt Ion: 56 Resp: 88

Ion Ratio Lower Upper

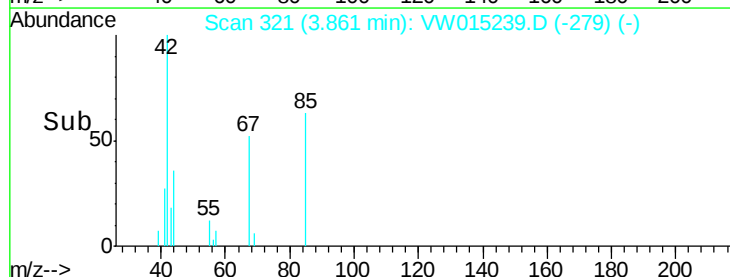
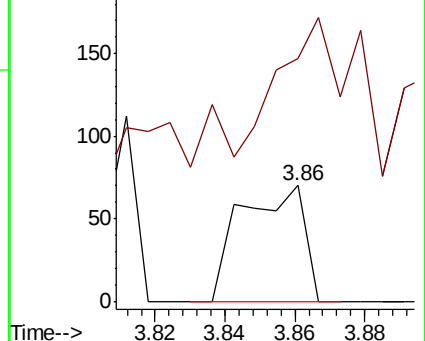
56 100

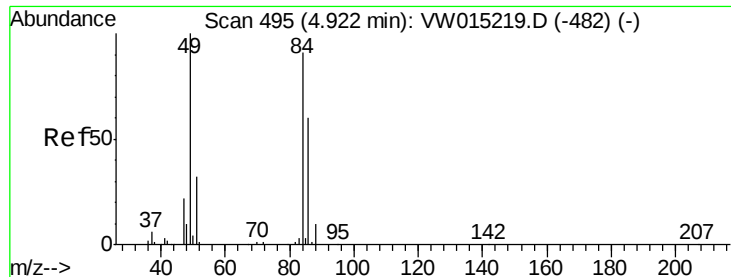
55 187.5 56.2 84.2#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

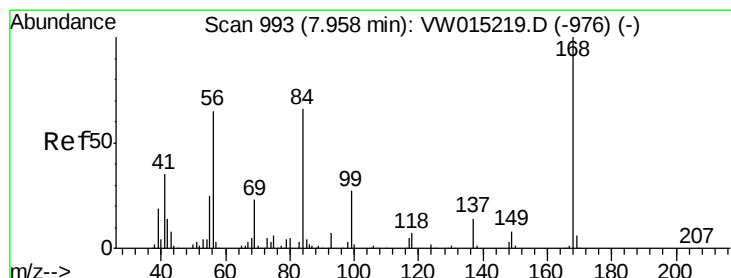
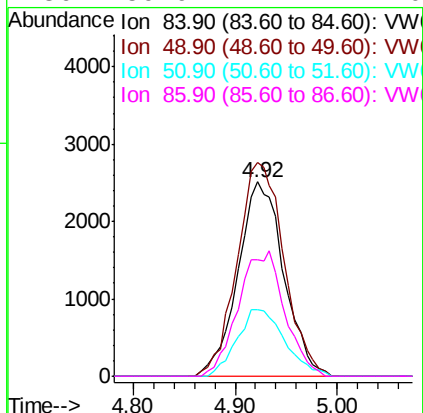
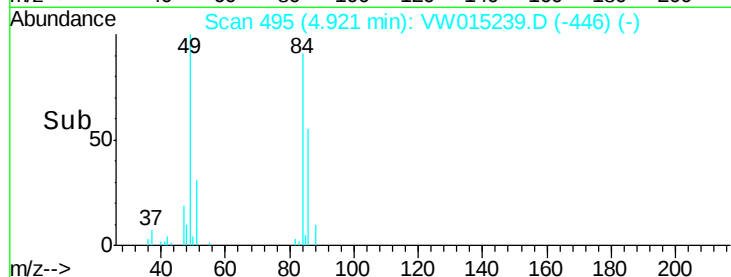
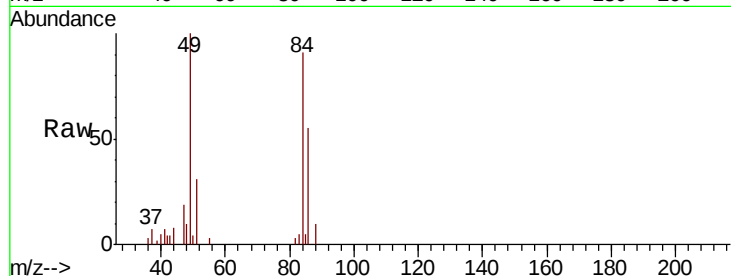




#20
Methvlene Chloride
Concen: 3.970 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW015239.D
Acq: 20 Apr 2020 22:12

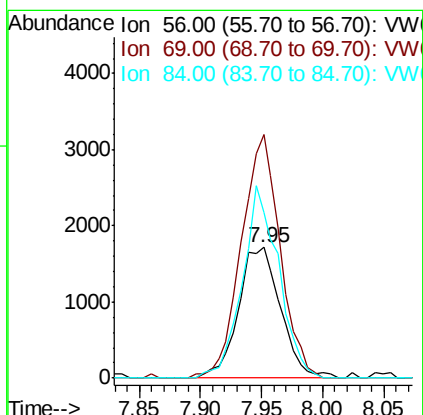
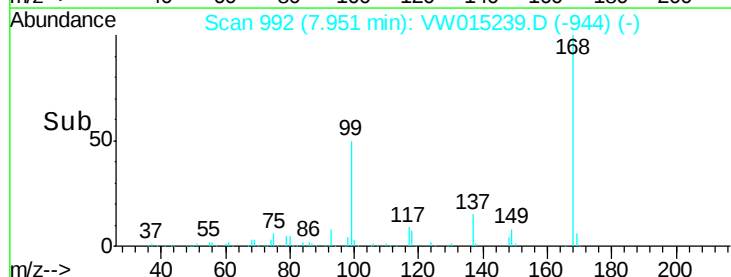
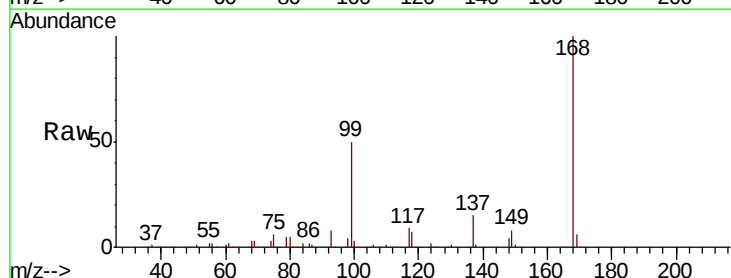
Instrument :
MSVOA_W
ClientSampleId :
TP-4

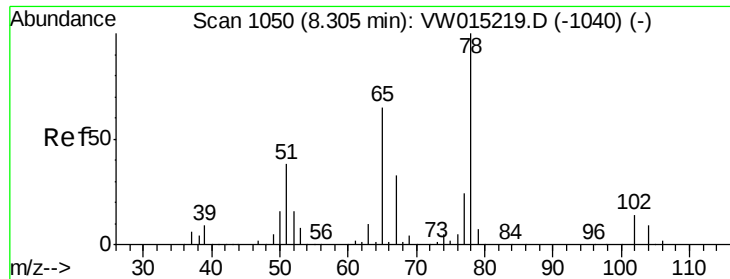
Tot Ion: 84	Resp: 7831
Ion Ratio	Lower Upper
84 100	
49 109.9	95.4 143.0
51 34.4	29.8 44.8
86 59.9	47.4 71.0



#31
Cyclohexane
Concen: 1.295 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015239.D
Acq: 20 Apr 2020 22:12

Tgt	Ion: 56	Resp:	4128
Ion	Ratio	Lower	Upper
56	100		
69	186.1	27.1	40.7#
84	127.0	71.9	107.9#

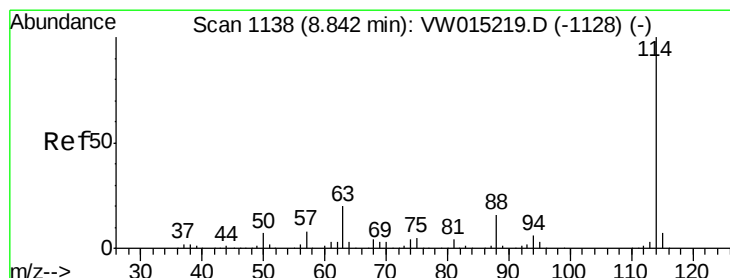
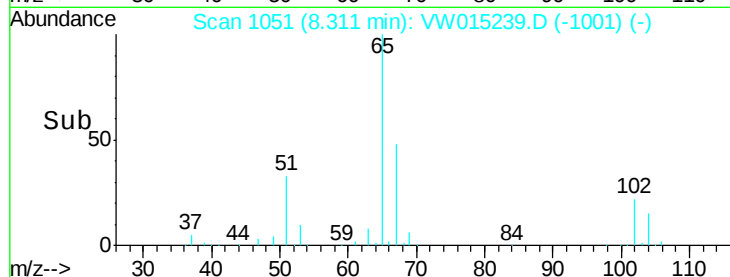
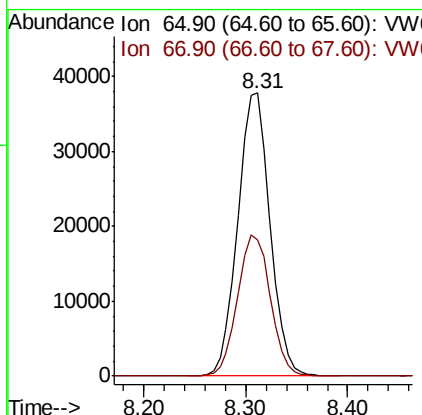
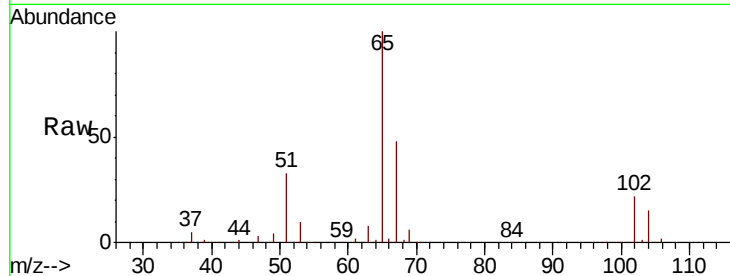




#33
 1,2-Dichloroethane-d4
 Concen: 48.218 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW015239.D
 Acq: 20 Apr 2020 22:12

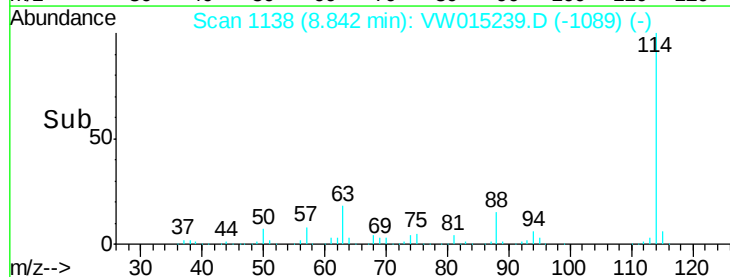
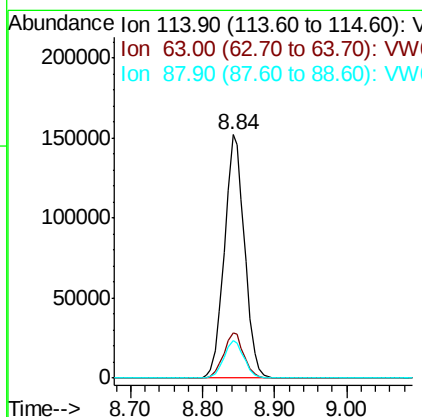
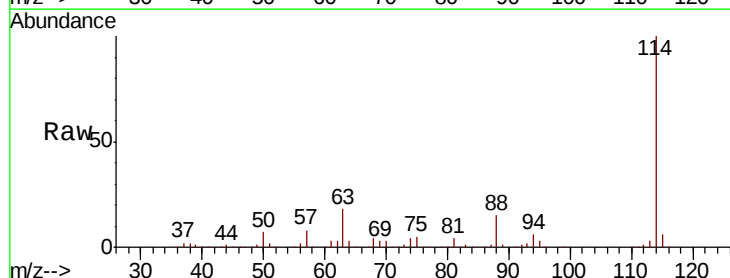
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4

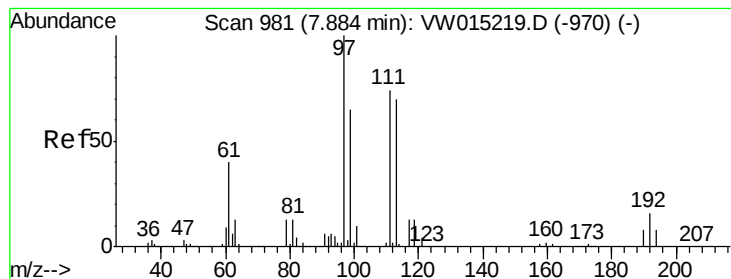
Tot Ion: 65 Resp: 83098
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015239.D
 Acq: 20 Apr 2020 22:12

Tgt Ion: 114 Resp: 295528
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.8
 88 15.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 50.829 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW015239.D

Acq: 20 Apr 2020 22:12

Instrument :

MSVOA_W

ClientSampleId :

TP-4

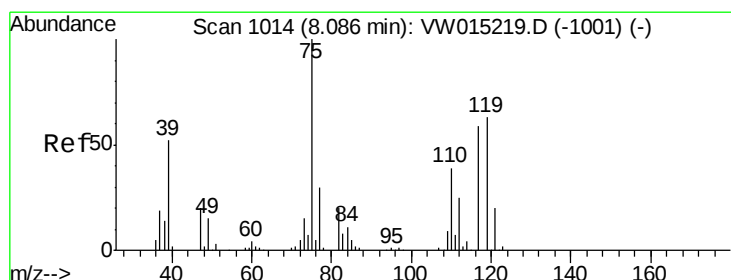
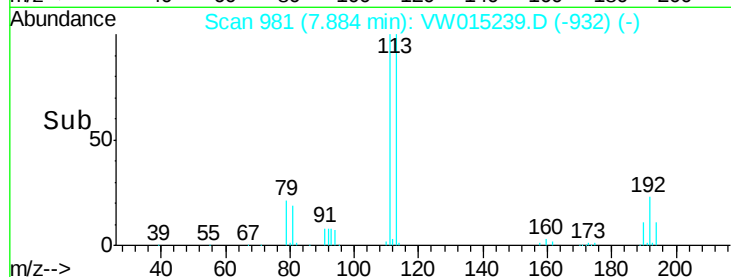
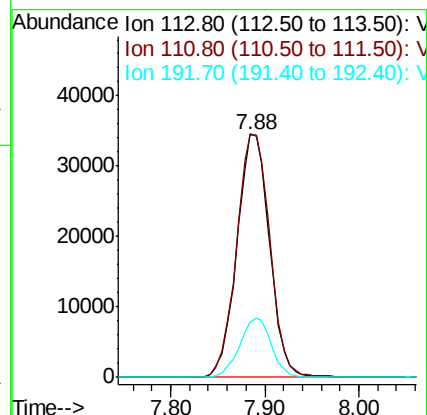
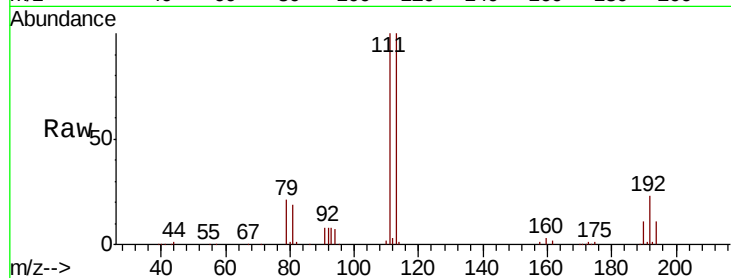
Tot Ion:113 Resp: 83206

Ion Ratio Lower Upper

113 100

111 102.4 83.0 124.4

192 23.6 15.1 22.7#



#36

1,1-Dichloropropene

Concen: 5.290 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW015239.D

Acq: 20 Apr 2020 22:12

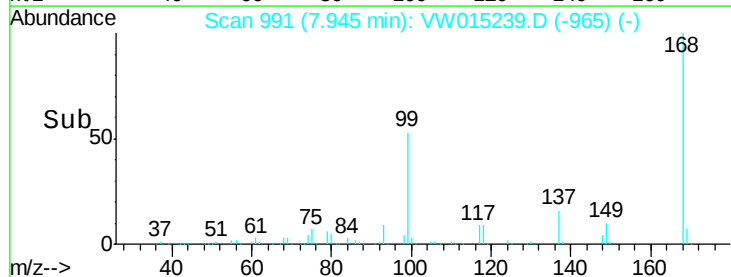
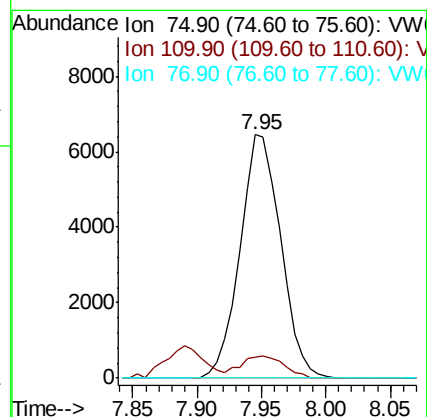
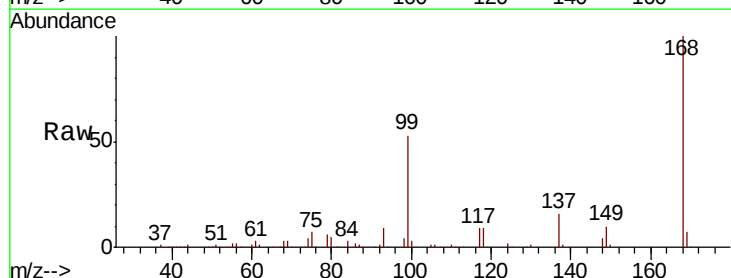
Tgt Ion: 75 Resp: 14111

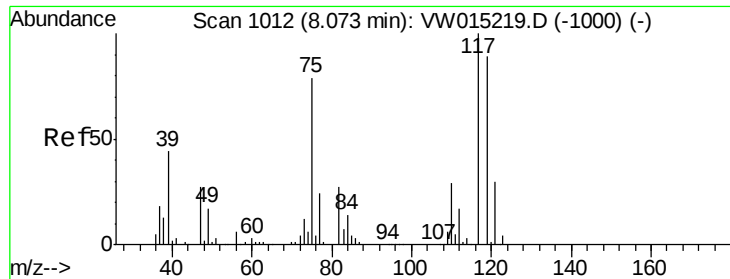
Ion Ratio Lower Upper

75 100

110 9.7 18.2 54.6#

77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 6.531 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW015239.D

Acq: 20 Apr 2020 22:12

Instrument :

MSVOA_W

ClientSampleId :

TP-4

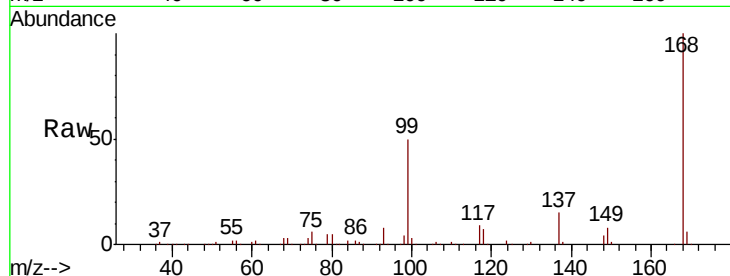
Tot Ion:117 Resp: 19036

Ion Ratio Lower Upper

117 100

119 3.9 72.3 108.5#

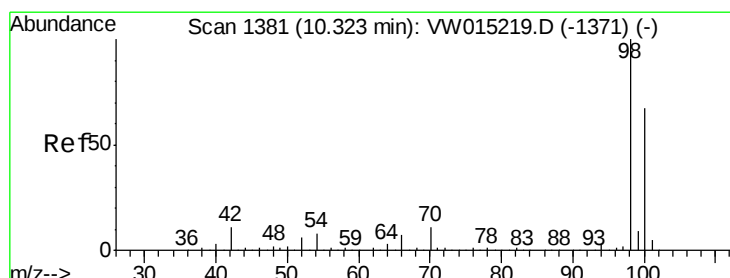
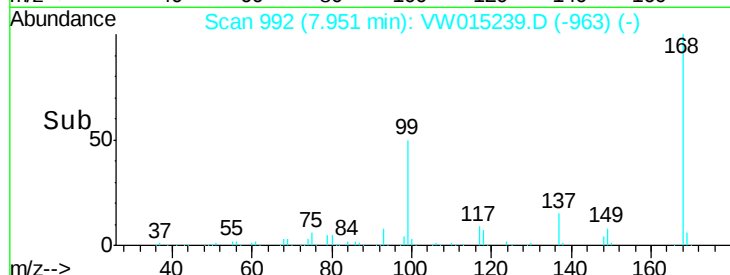
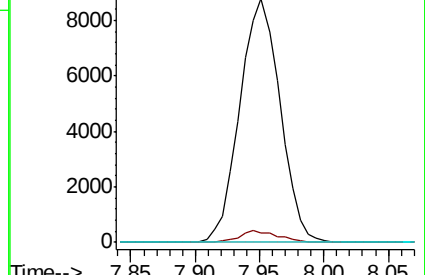
121 0.0 23.7 35.5#



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: 51.369 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015239.D

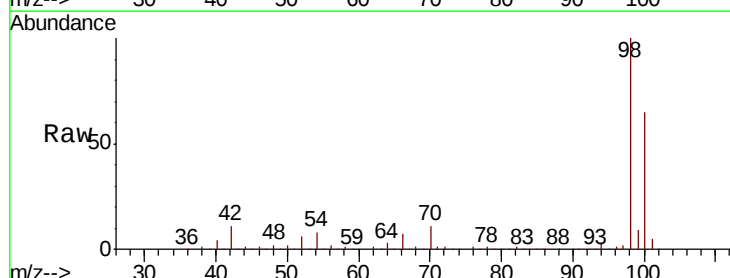
Acq: 20 Apr 2020 22:12

Tgt Ion: 98 Resp: 353741

Ion Ratio Lower Upper

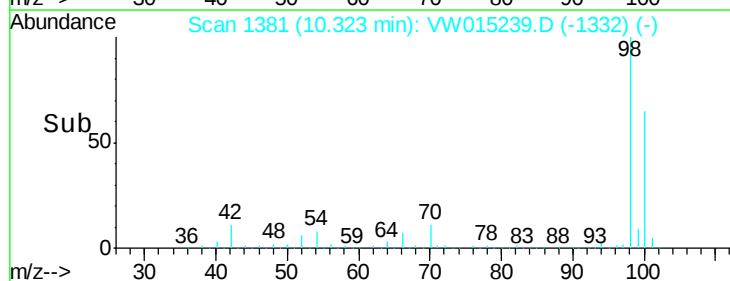
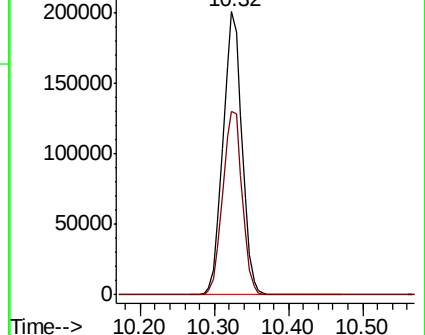
98 100

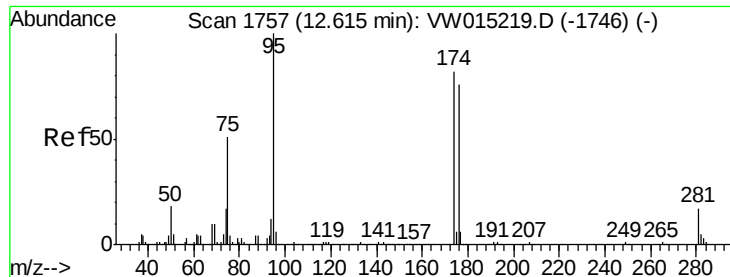
100 66.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

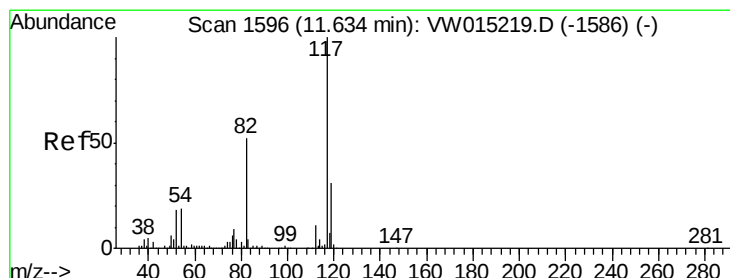
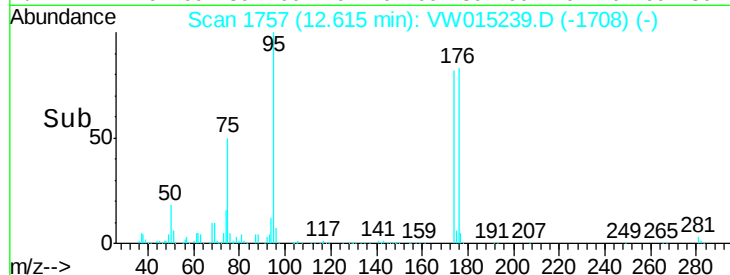
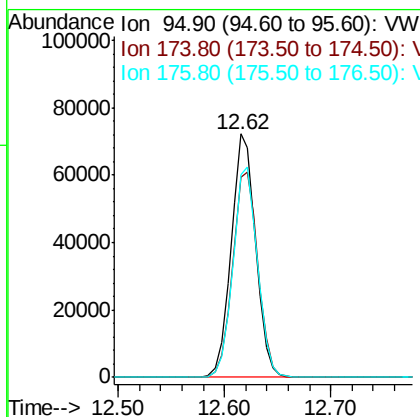
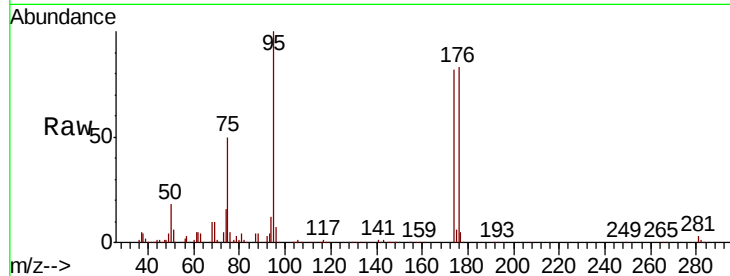




#62
4-Bromofluorobenzene
Concen: 44.140 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW015239.D
Acq: 20 Apr 2020 22:12

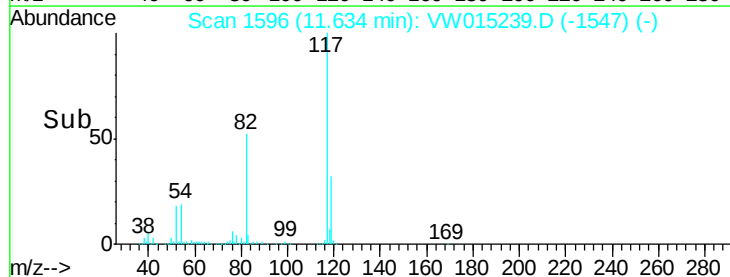
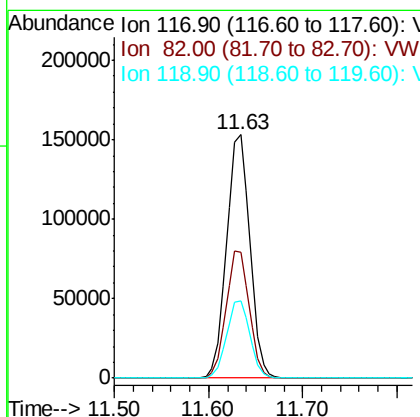
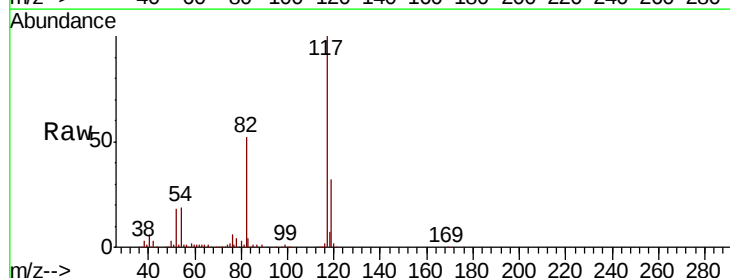
Instrument :
MSVOA_W
ClientSampled :
TP-4

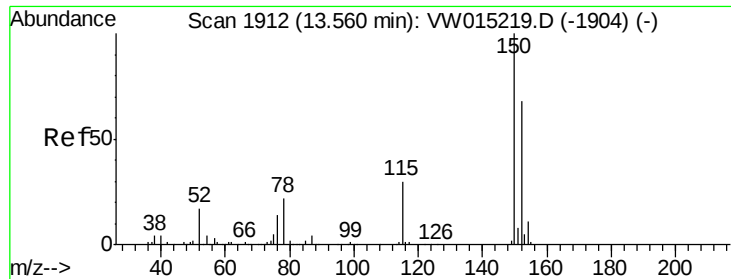
Tot Ion	95	Resp	115976
Ion Ratio	Lower	Upper	
95	100		
174	87.3	0.0	144.4
176	86.7	0.0	140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015239.D
Acq: 20 Apr 2020 22:12

Tgt Ion	117	Resp	263532
Ion Ratio	Lower	Upper	
117	100		
82	51.6	44.1	66.1
119	32.0	24.9	37.3



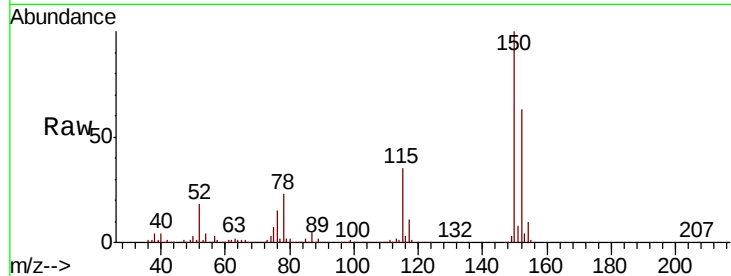


#72

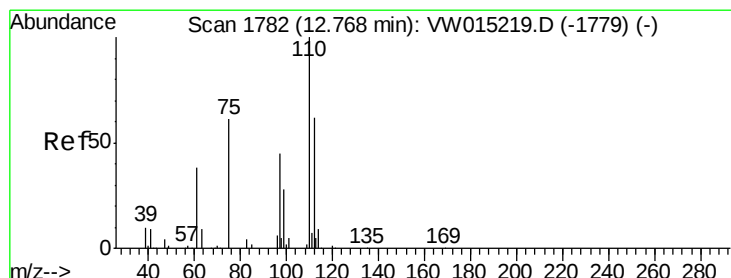
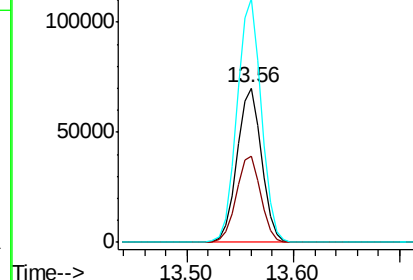
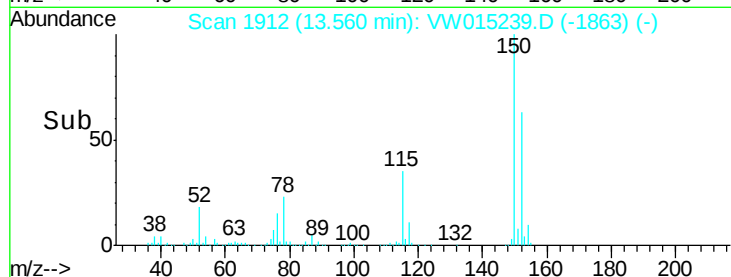
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015239.D
Acq: 20 Apr 2020 22:12

Instrument :
MSVOA_W
ClientSampled :
TP-4

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.8	31.3	93.9
150	156.4	0.0	343.4



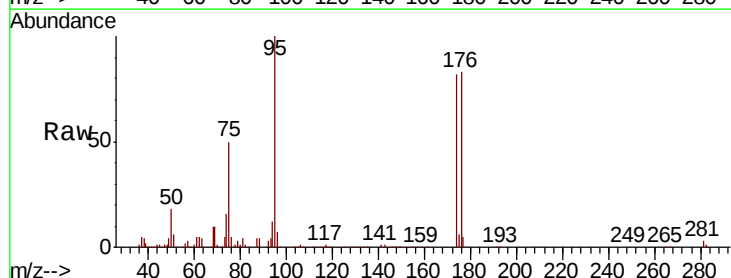
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



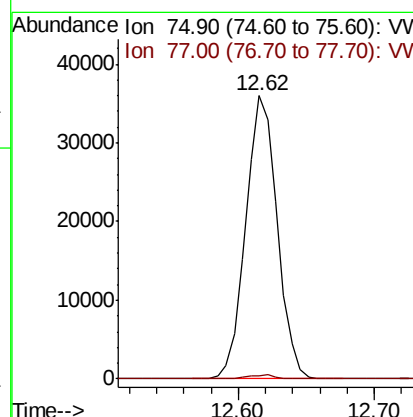
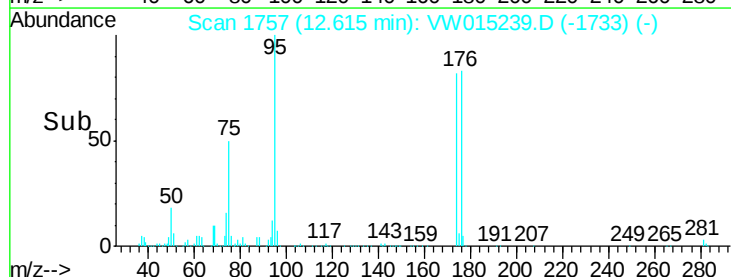
#76

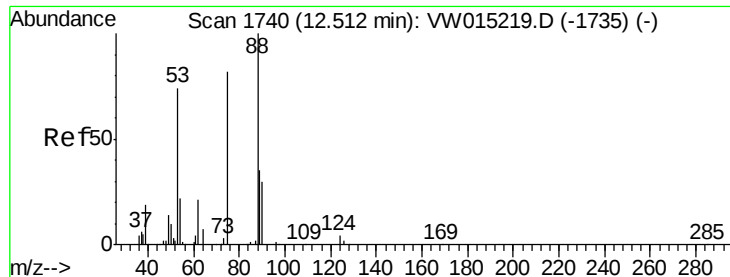
1,2,3-Trichloropropane
Concen: 66.559 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW015239.D
Acq: 20 Apr 2020 22:12

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 145.498 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW015239.D

Acq: 20 Apr 2020 22:12

Instrument :

MSVOA_W

ClientSampleId :

TP-4

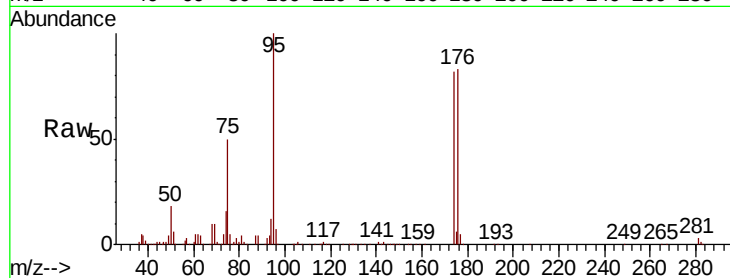
Tot Ion: 75 Resp: 58248

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 0.0 34.8 52.2#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

