

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042320\
 Data File : VW015328.D
 Acq On : 23 Apr 2020 13:23
 Operator : SY/VA
 Sample : L2120-01
 Misc : 8.89G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 24 06:35:40 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

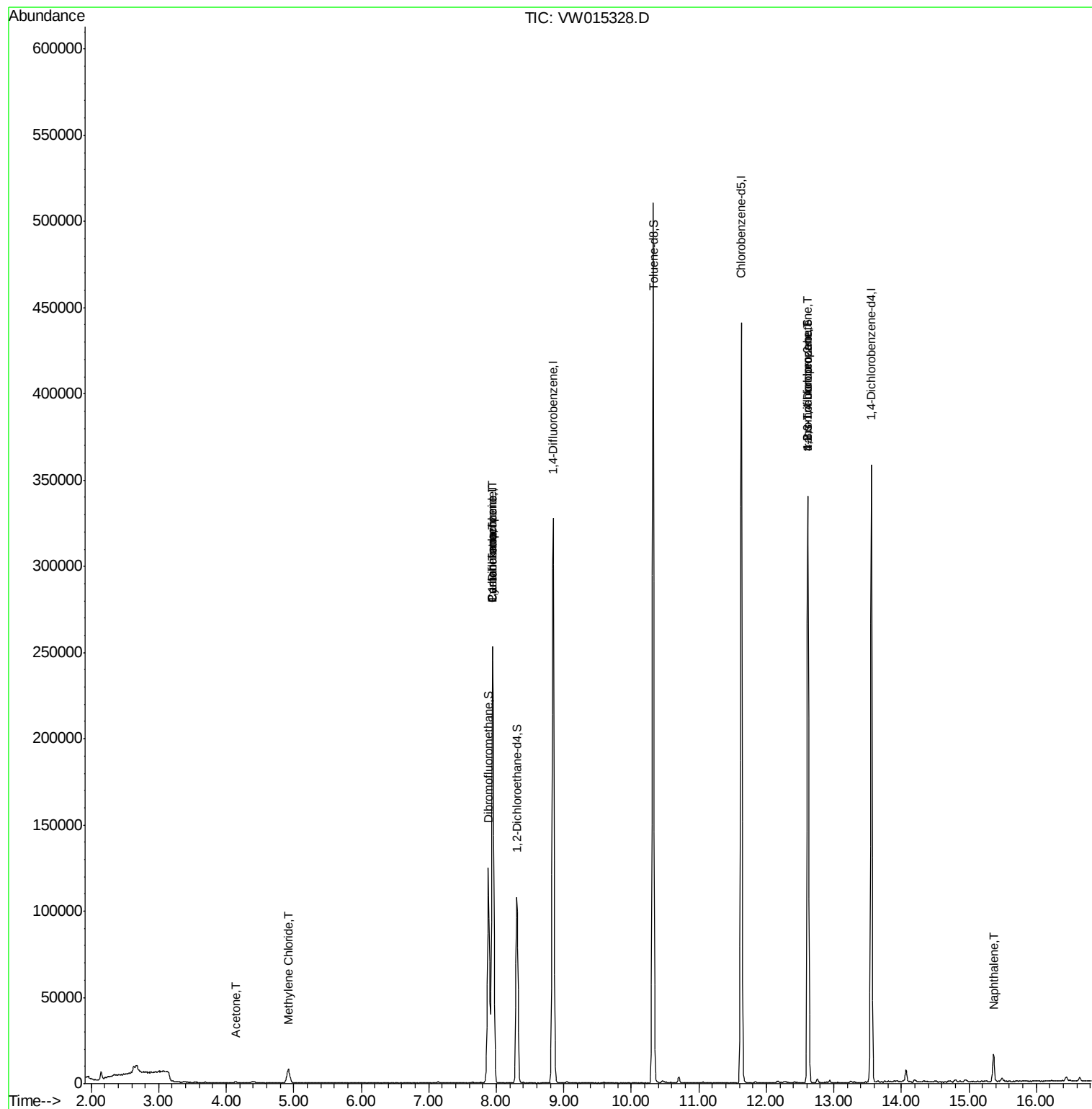
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	206651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	298294	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	255215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	106181	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	85149	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.78%	
35) Dibromofluoromethane	7.88	113	86349	52.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.52%	
50) Toluene-d8	10.32	98	345124	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
62) 4-Bromofluorobenzene	12.62	95	108738	41.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.00%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	819	2.775	ug/l	91
20) Methylene Chloride	4.93	84	6592	3.408	ug/l	89
31) Cyclohexane	7.95	56	3878	1.241	ug/l #	10
36) 1,1-Dichloropropene	7.95	75	13225	4.912	ug/l #	50
38) Carbon Tetrachloride	7.95	117	18243	6.201	ug/l #	19
76) 1,2,3-Trichloropropane	12.62	75	54895	66.829	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	54895	146.089	ug/l #	15
95) Naphthalene	15.36	128	14456	4.427	ug/l	99

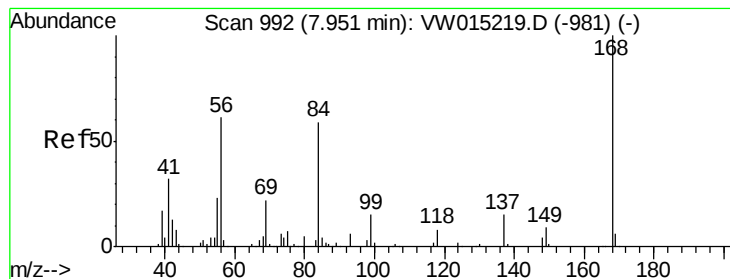
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042320\
Data File : VW015328.D
Acq On : 23 Apr 2020 13:23
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Sample : L2120-01
Misc : 8.89G/5ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Apr 24 06:35:40 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# 991

Delta R.T. -0.01 min

Lab File: VW015328.D

Acq: 23 Apr 2020 13:23

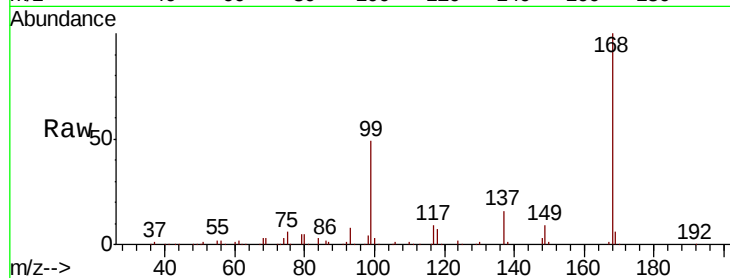
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 206651

Ion Ratio Lower Upper

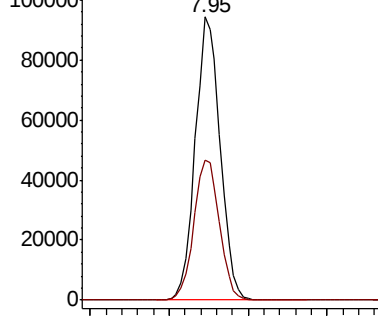
168 100

99 49.4 48.5 72.7

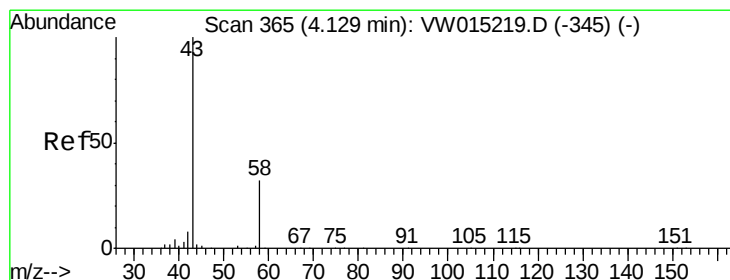
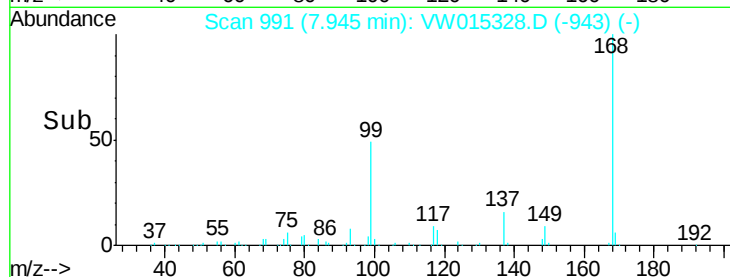


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 2.775 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW015328.D

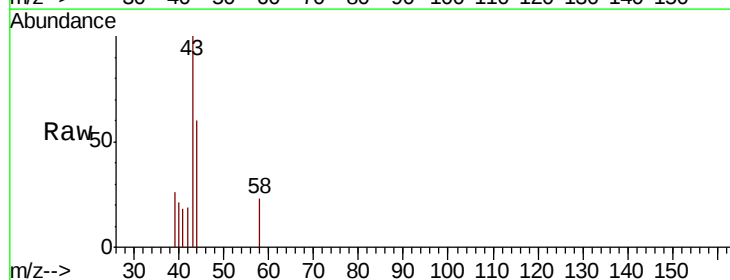
Acq: 23 Apr 2020 13:23

Tgt Ion: 43 Resp: 819

Ion Ratio Lower Upper

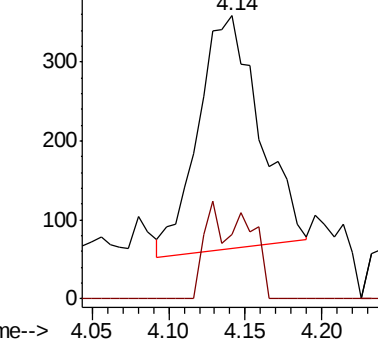
43 100

58 28.6 27.0 40.4

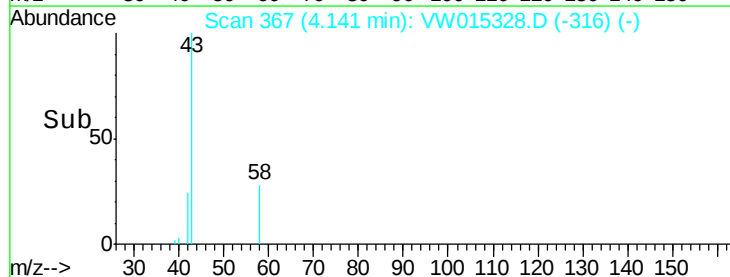


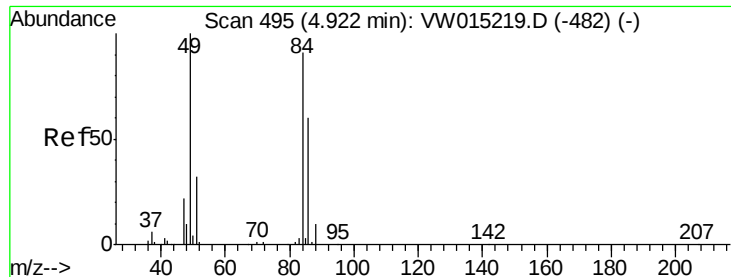
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time--> 4.05 4.10 4.15 4.20

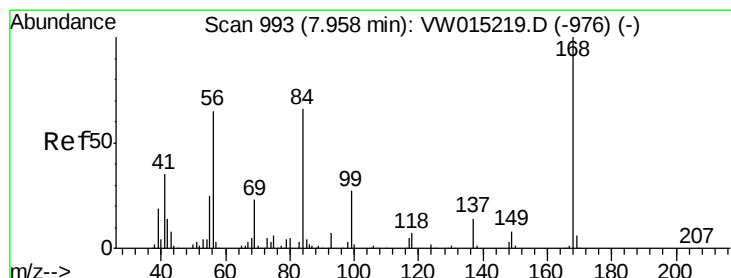
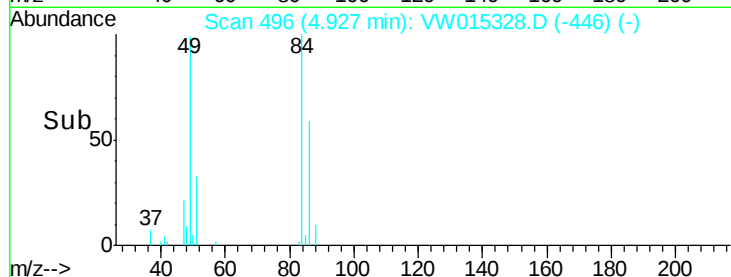
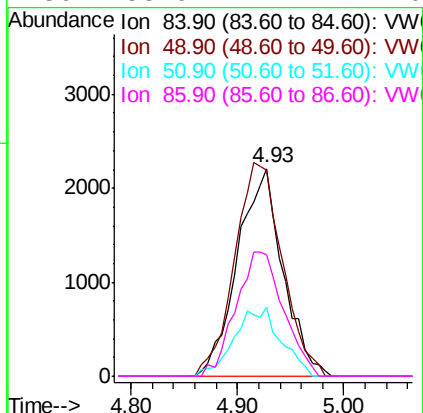
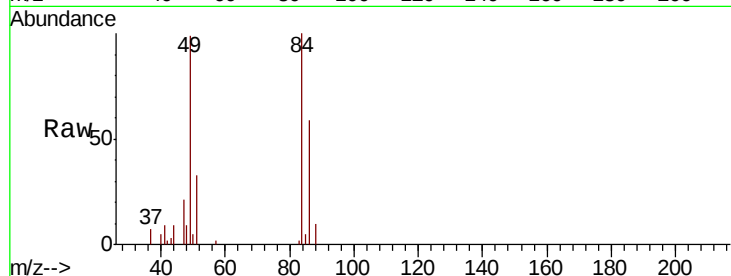




#20
Methvlene Chloride
Concen: 3.408 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW015328.D
Acq: 23 Apr 2020 13:23

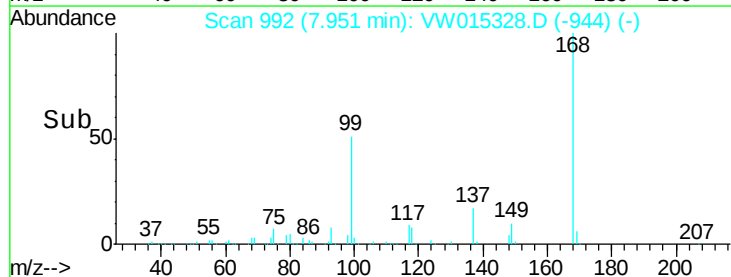
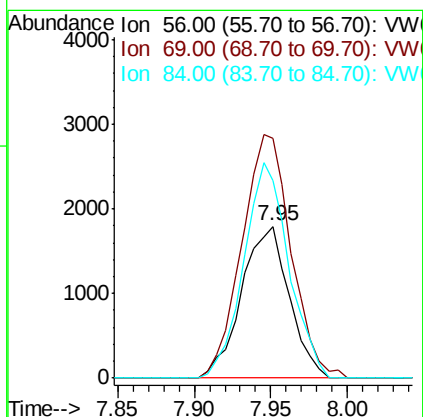
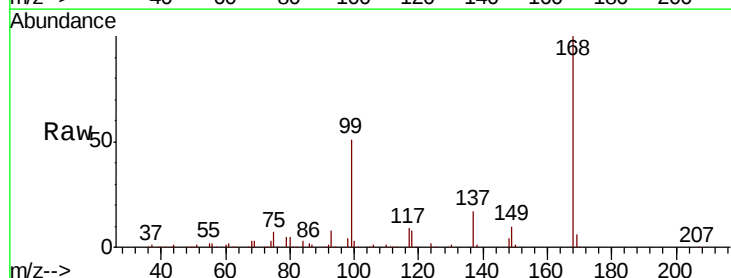
Instrument :
MSVOA_W
ClientSampleId :

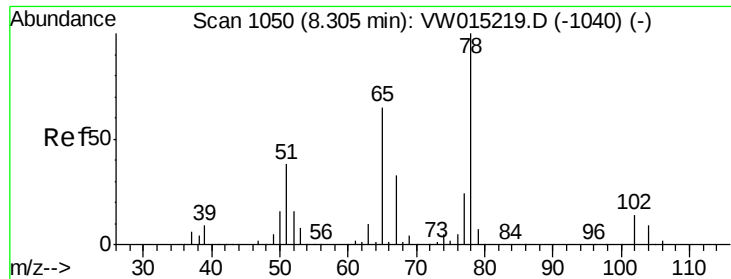
Tot Ion:	84	Resp:	6592
Ion	Ratio	Lower	Upper
84	100		
49	99.3	95.4	143.0
51	33.2	29.8	44.8
86	58.9	47.4	71.0



#31
Cyclohexane
Concen: 1.241 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015328.D
Acq: 23 Apr 2020 13:23

Tgt Ion:	56	Resp:	3878
Ion	Ratio	Lower	Upper
56	100		
69	157.9	27.1	40.7#
84	130.0	71.9	107.9#

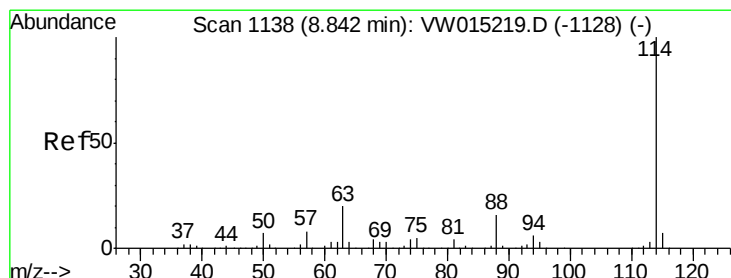
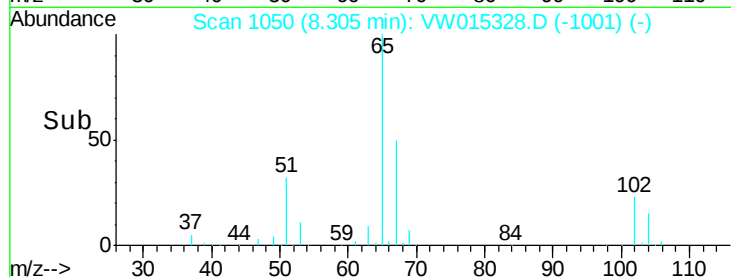
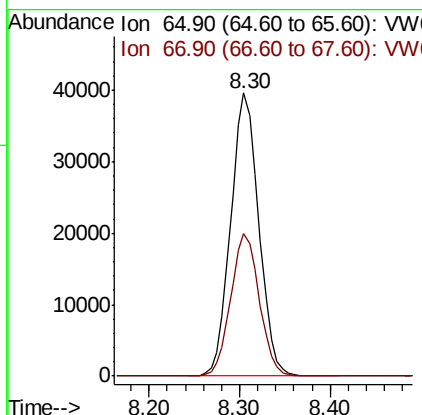
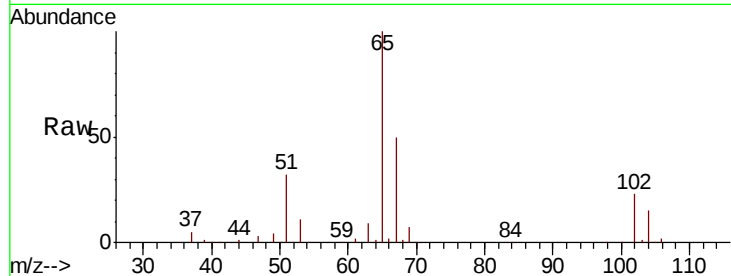




#33
 1,2-Dichloroethane-d4
 Concen: 50.388 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW015328.D
 Acq: 23 Apr 2020 13:23

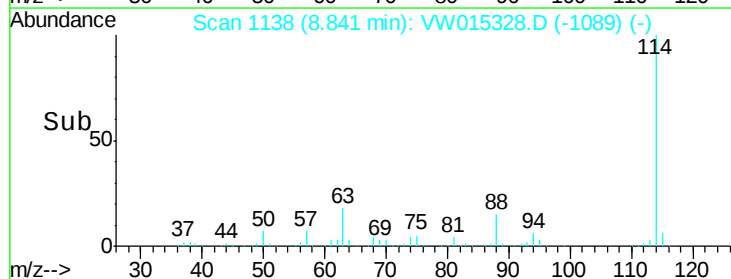
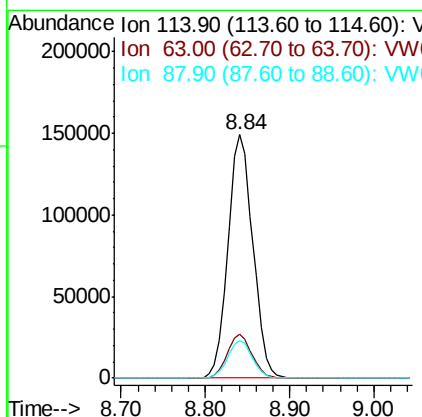
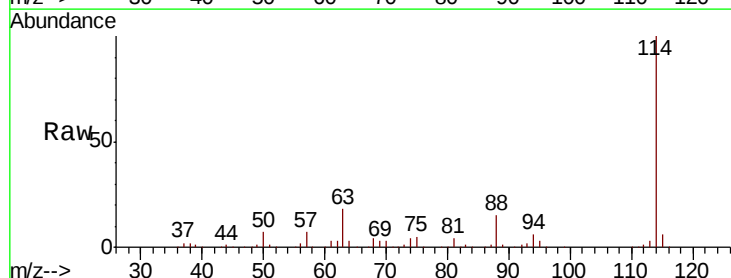
Instrument :
 MSVOA_W
 ClientSampled :

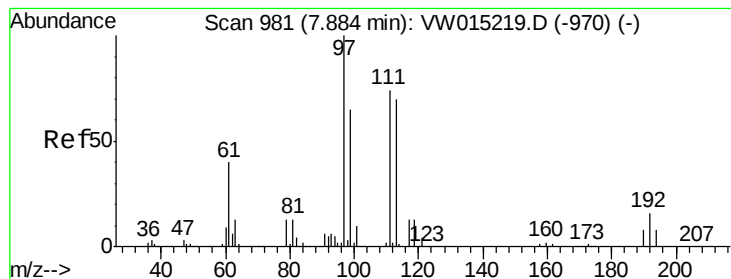
Tot Ion: 65 Resp: 85149
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015328.D
 Acq: 23 Apr 2020 13:23

Tgt Ion: 114 Resp: 298294
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 39.8
 88 15.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 52.260 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW015328.D

Acq: 23 Apr 2020 13:23

Instrument :

MSVOA_W

ClientSampled :

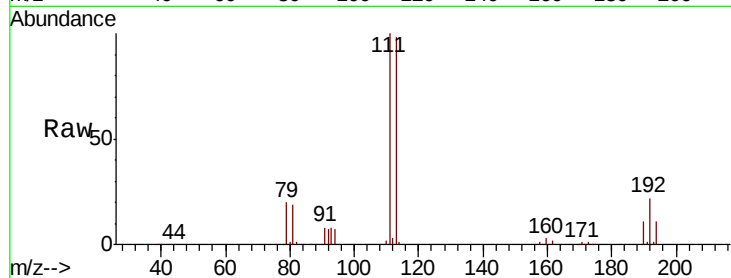
Tot Ion:113 Resp: 86349

Ion Ratio Lower Upper

113 100

111 101.7 83.0 124.4

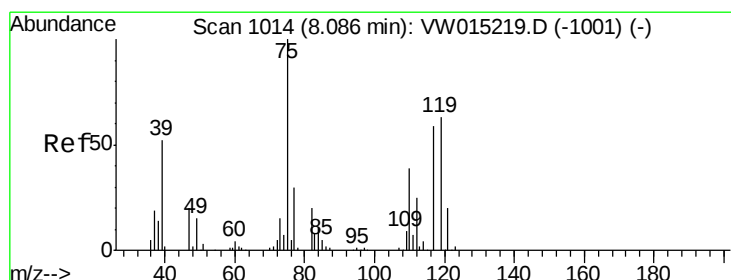
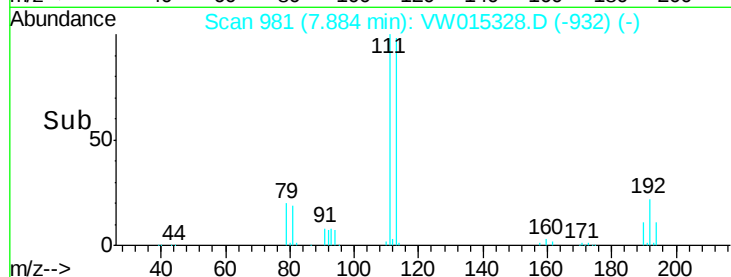
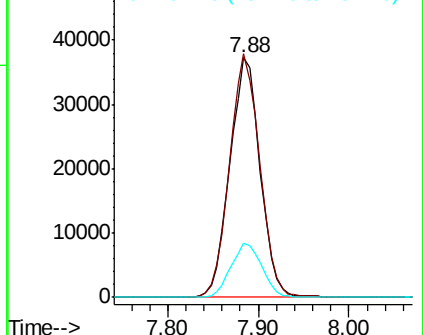
192 23.2 15.1 22.7#



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: 4.912 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW015328.D

Acq: 23 Apr 2020 13:23

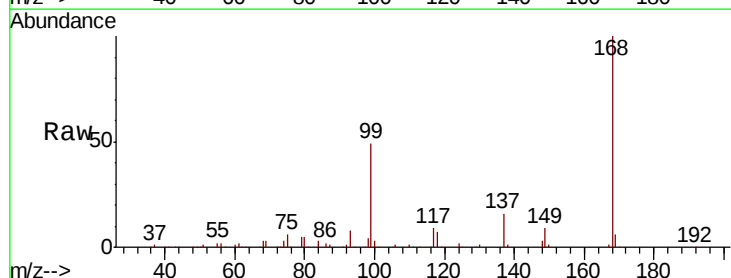
Tgt Ion: 75 Resp: 13225

Ion Ratio Lower Upper

75 100

110 9.5 18.2 54.6#

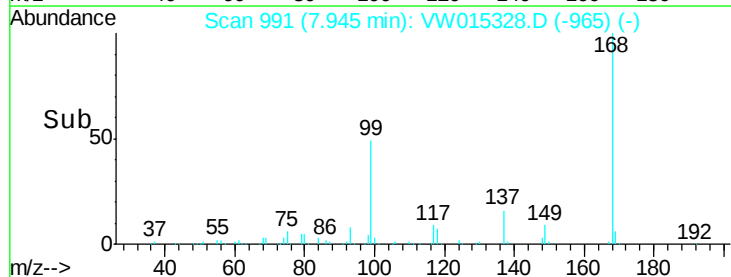
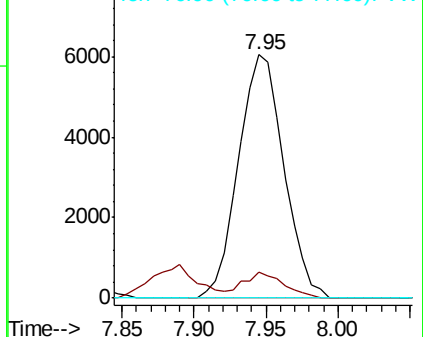
77 0.0 24.5 36.7#

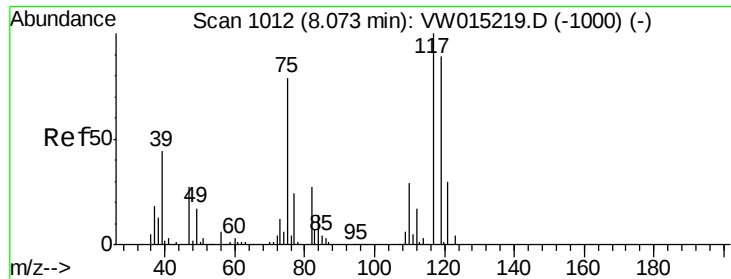


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.201 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW015328.D

Acq: 23 Apr 2020 13:23

Instrument :

MSVOA_W

ClientSampleId :

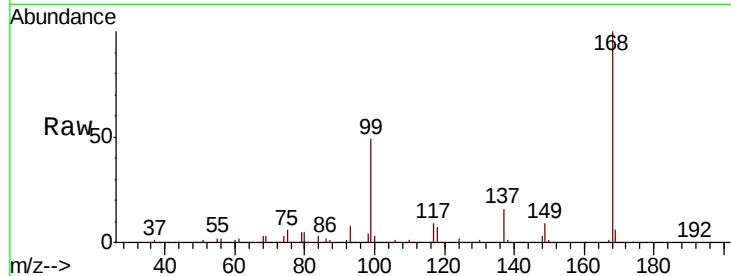
Tot Ion:117 Resp: 18243

Ion Ratio Lower Upper

117 100

119 5.3 72.3 108.5#

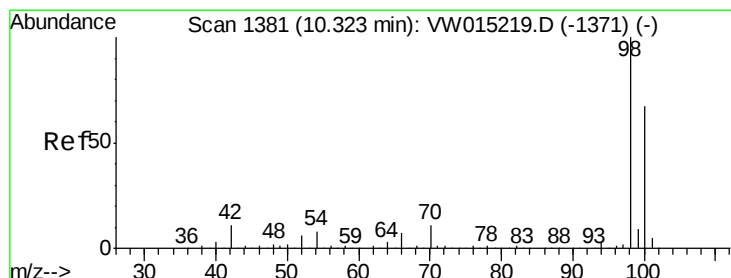
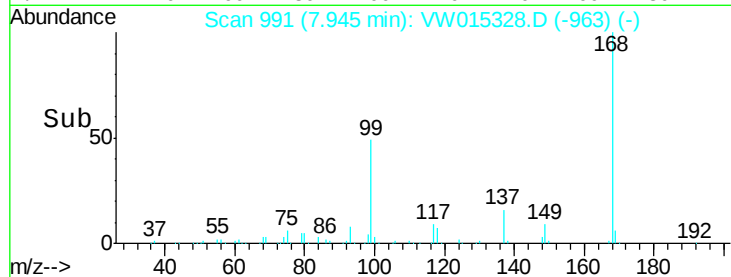
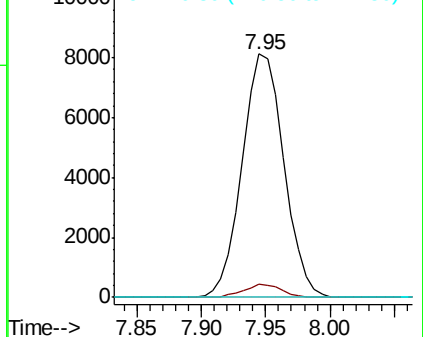
121 0.0 23.7 35.5#



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: 49.653 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015328.D

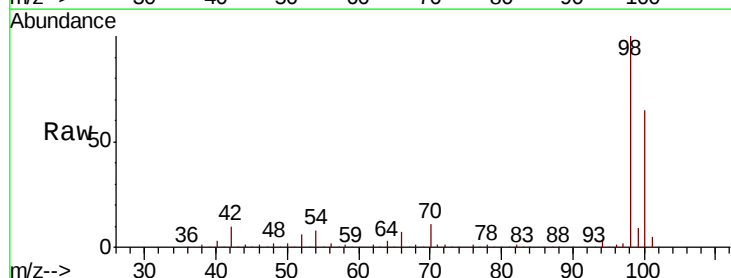
Acq: 23 Apr 2020 13:23

Tgt Ion: 98 Resp: 345124

Ion Ratio Lower Upper

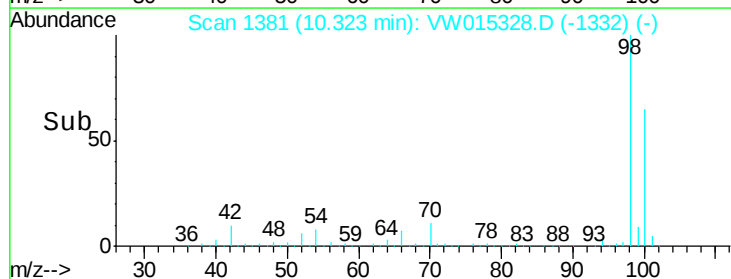
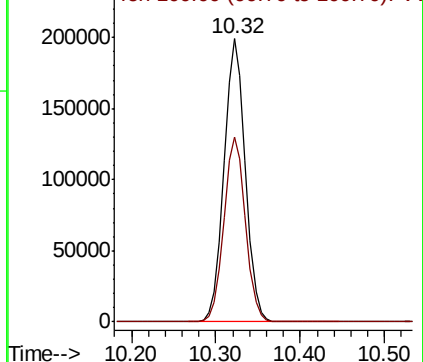
98 100

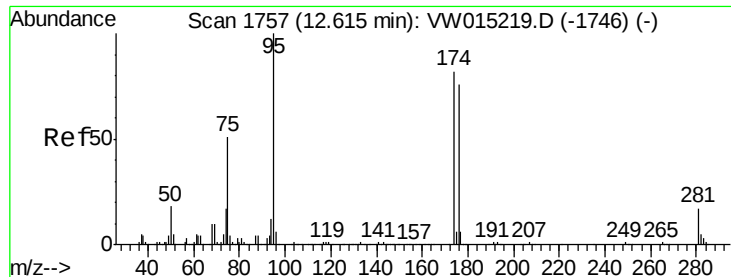
100 65.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

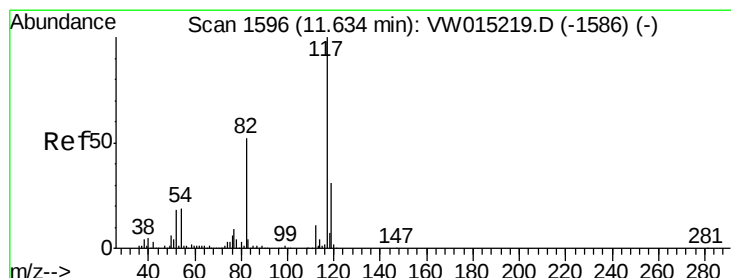
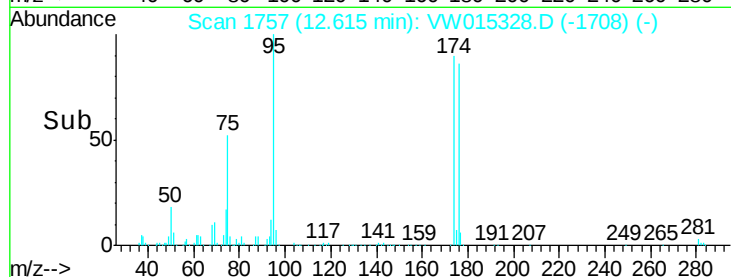
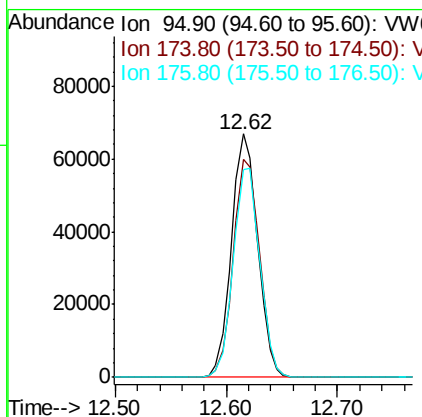
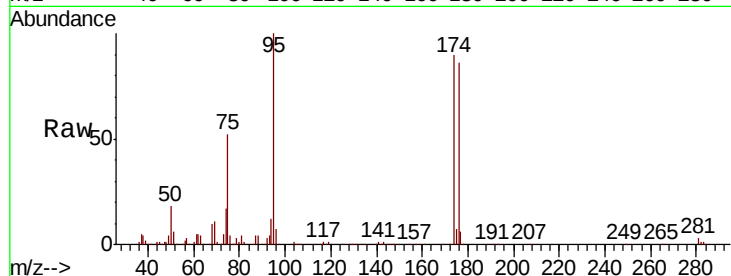




#62
4-Bromofluorobenzene
Concen: 41.002 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW015328.D
Acq: 23 Apr 2020 13:23

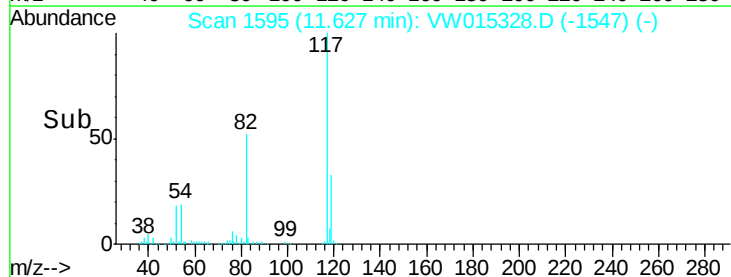
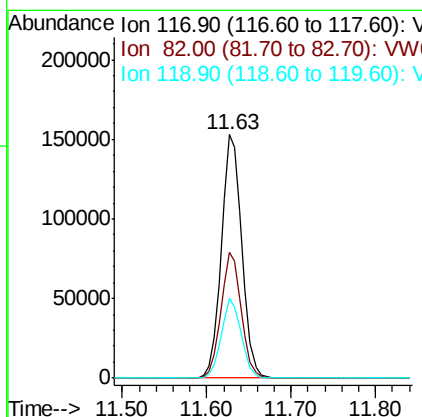
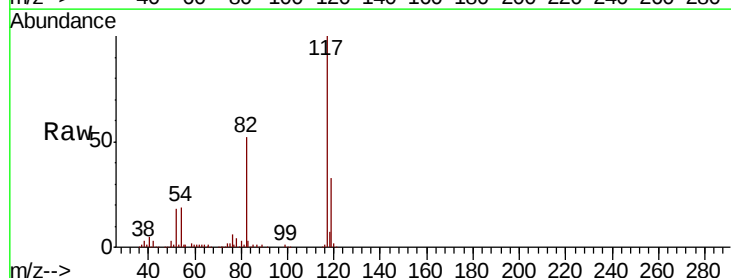
Instrument :
MSVOA_W
ClientSampleId :

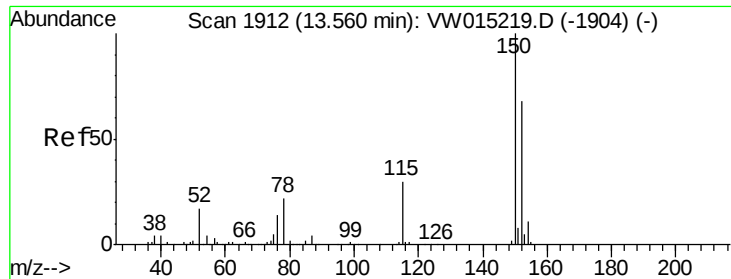
Tot Ion: 95 Resp: 108738
Ion Ratio Lower Upper
95 100
174 90.5 0.0 144.4
176 87.5 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015328.D
Acq: 23 Apr 2020 13:23

Tgt Ion: 117 Resp: 255215
Ion Ratio Lower Upper
117 100
82 51.6 44.1 66.1
119 32.5 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: VW015328.D

Acq: 23 Apr 2020 13:23

Instrument :

MSVOA_W

ClientSampleId :

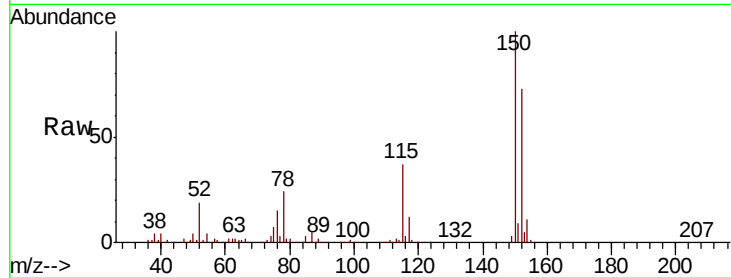
Tot Ion:152 Resp: 106181

Ion Ratio Lower Upper

152 100

115 54.1 31.3 93.9

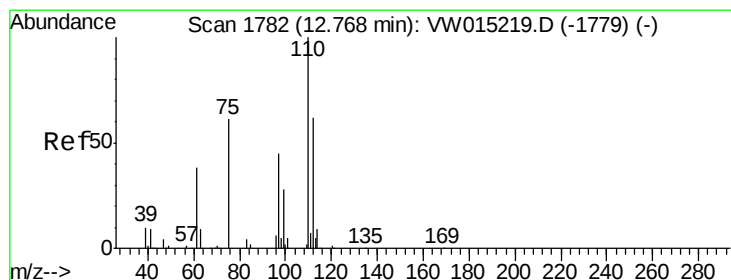
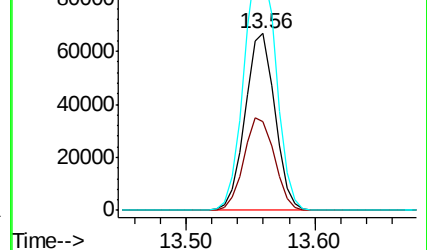
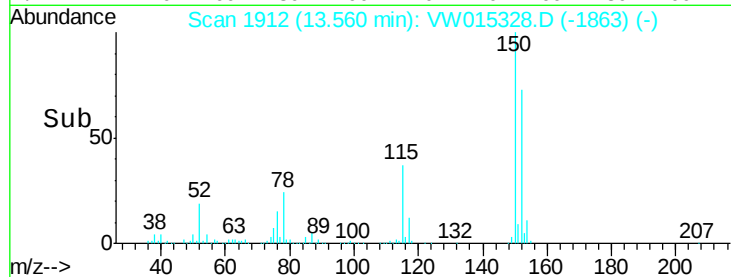
150 149.6 0.0 343.4



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: 66.829 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW015328.D

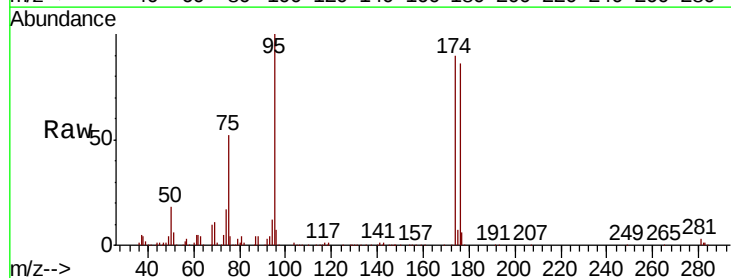
Acq: 23 Apr 2020 13:23

Tgt Ion: 75 Resp: 54895

Ion Ratio Lower Upper

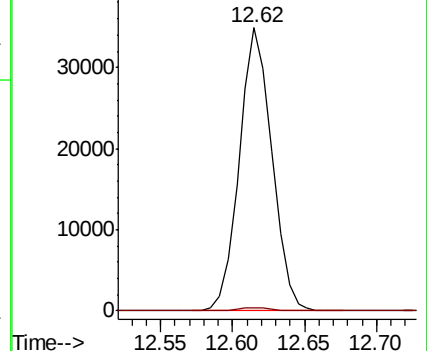
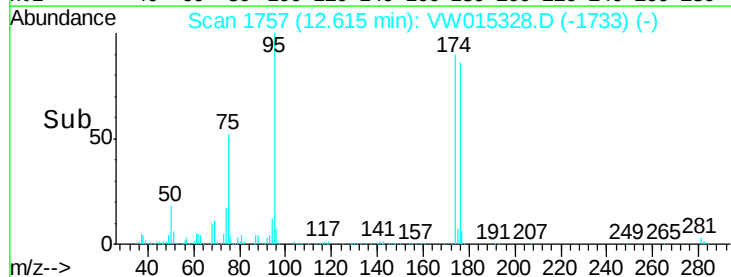
75 100

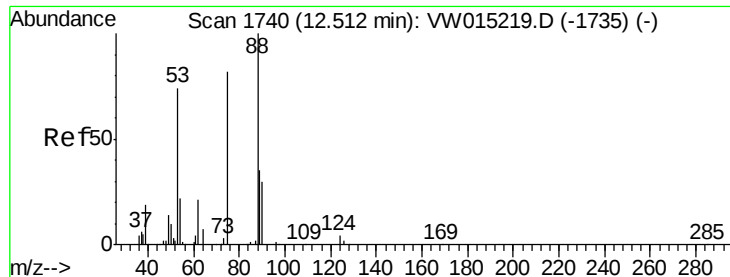
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

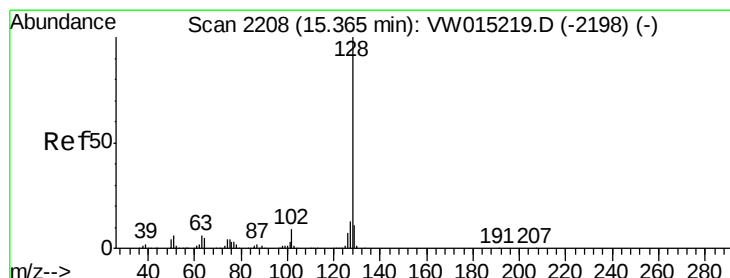
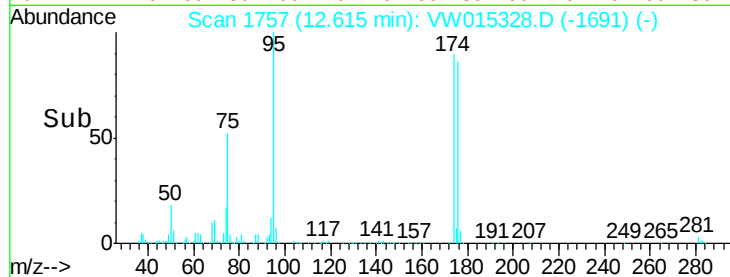
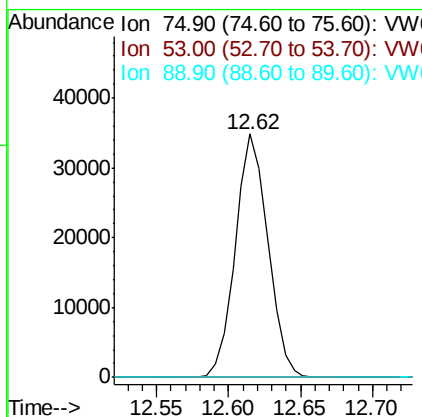
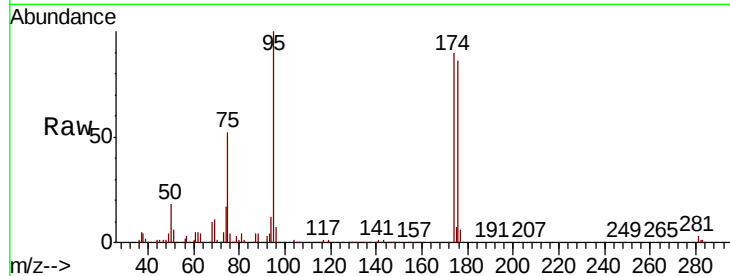




#81
trans-1,4-Dichloro-2-butene
Concen: 146.089 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW015328.D
Acq: 23 Apr 2020 13:23

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.4	104.2#
89	0.0	34.8	52.2#



#95
Naphthalene
Concen: 4.427 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW015328.D
Acq: 23 Apr 2020 13:23

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.3	15.5
129	11.1	8.6	12.8

