

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010920\
 Data File : VW014592.D
 Acq On : 09 Jan 2020 19:32
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 10 00:49:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

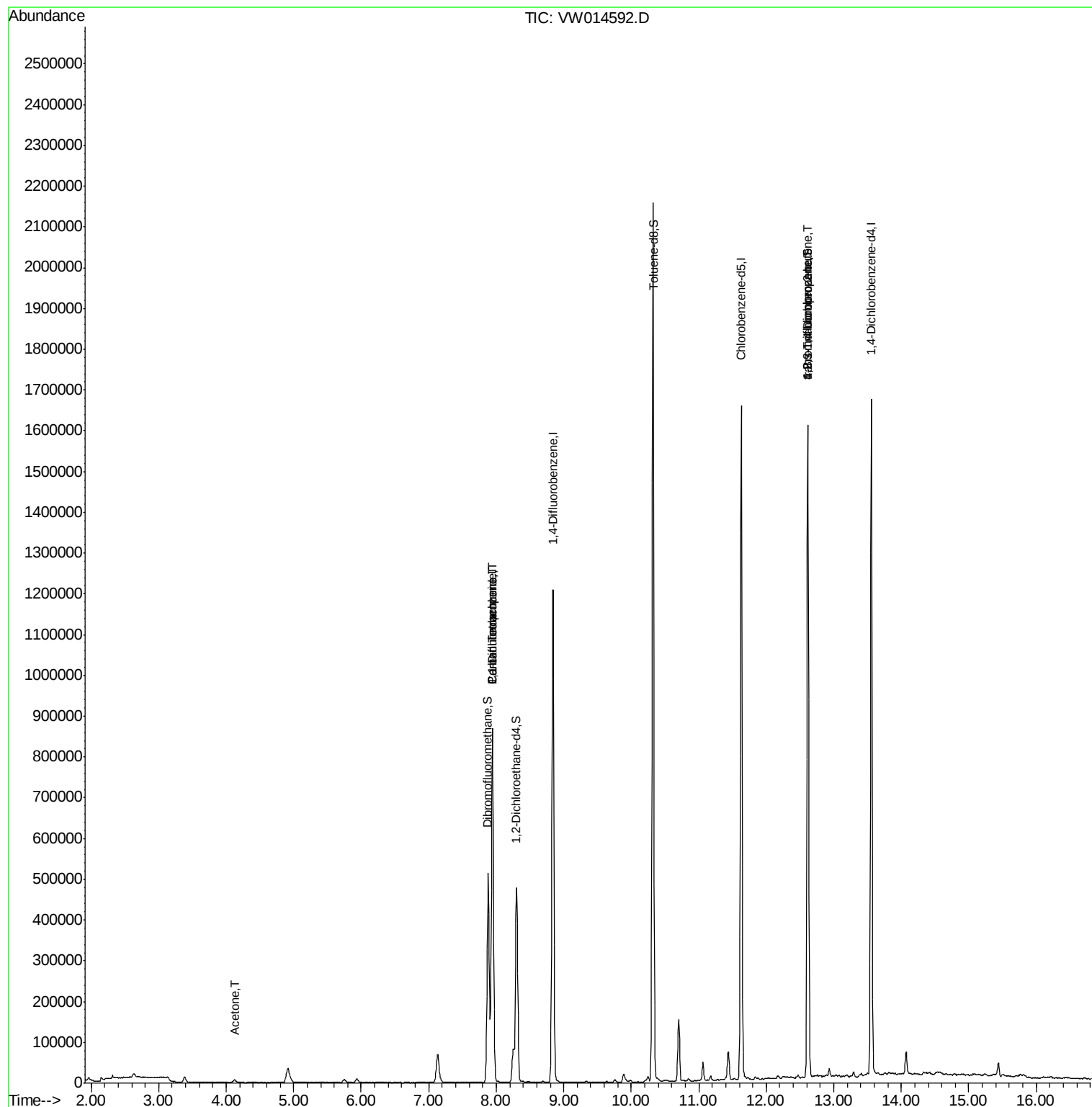
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	717044	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1102941	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	977500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	471500	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	372201	59.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.74%	
35) Dibromofluoromethane	7.88	113	370557	58.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.58%	
50) Toluene-d8	10.32	98	1483450	56.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.78%	
62) 4-Bromofluorobenzene	12.62	95	514957	57.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.42%	
Target Compounds						
11) Tert butyl alcohol	5.14	59	1637	Below Cal	#	93
16) Acetone	4.12	43	13261	7.491	ug/l	100
20) Methylene Chloride	4.91	84	30133	Below Cal		96
36) 1,1-Dichloropropene	7.94	75	48254	4.538	ug/l #	41
38) Carbon Tetrachloride	7.95	117	62800	6.808	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	240246	53.891	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	240246	120.072	ug/l #	14

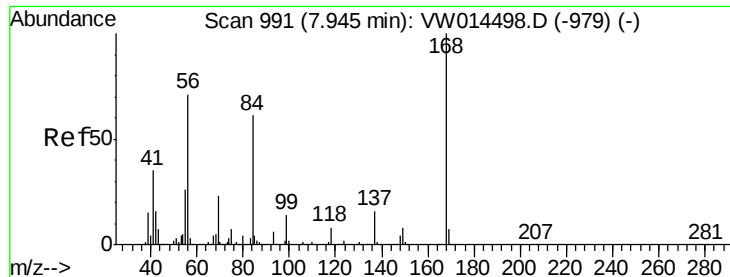
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010920\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW014592.D

Acq: 09 Jan 2020 19:32

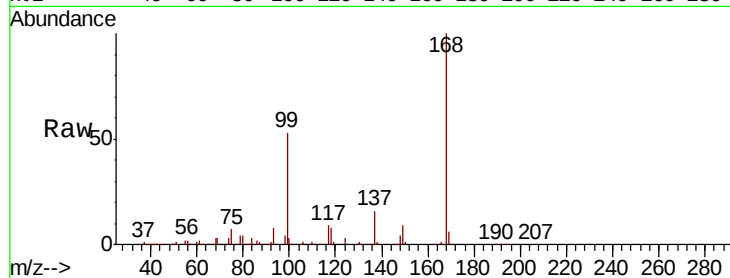
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 717044

Ion Ratio Lower Upper

168 100

99 52.7 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

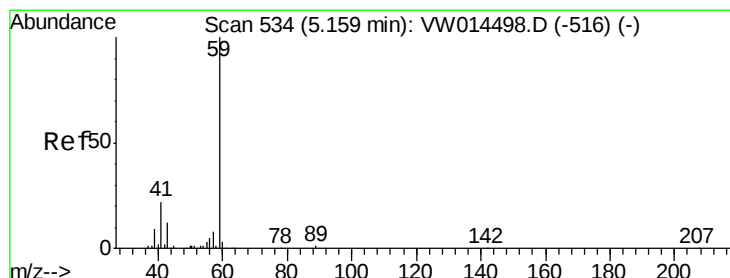
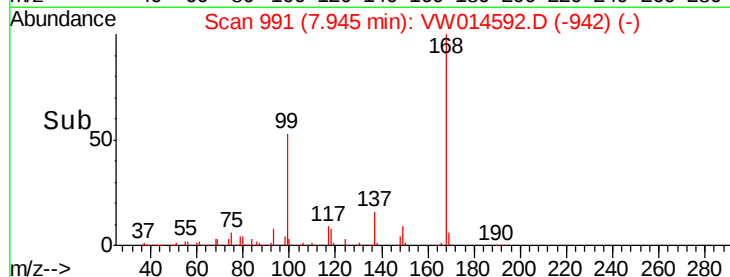
300000

200000

100000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.14 min Scan# 531

Delta R.T. -0.02 min

Lab File: VW014592.D

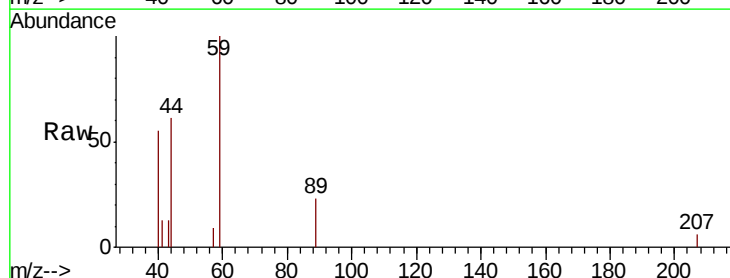
Acq: 09 Jan 2020 19:32

Tgt Ion: 59 Resp: 1637

Ion Ratio Lower Upper

59 100

57 7.1 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.14

1000

800

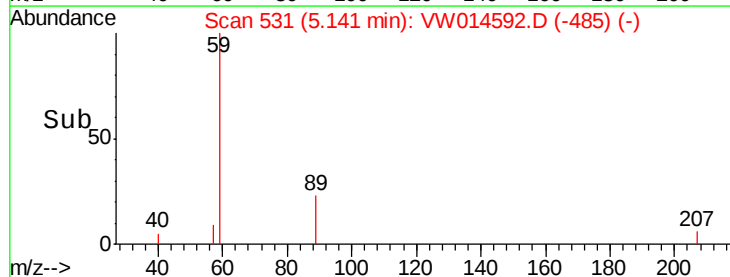
600

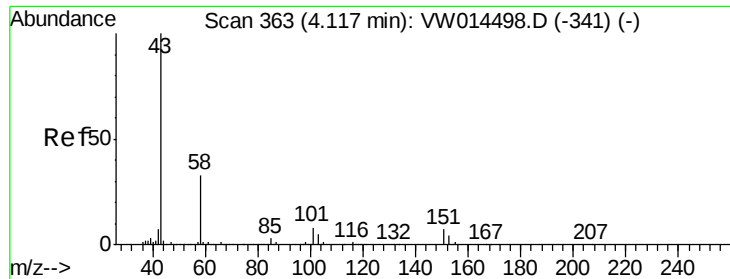
400

200

0

Time--> 5.05 5.10 5.15

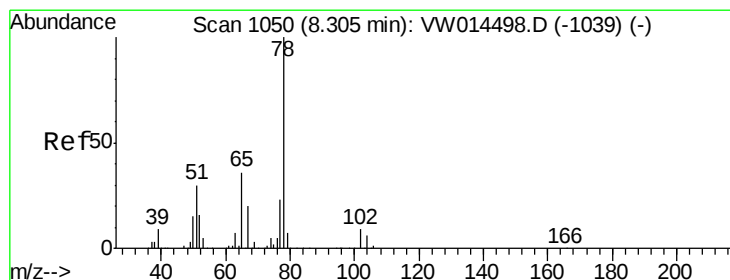
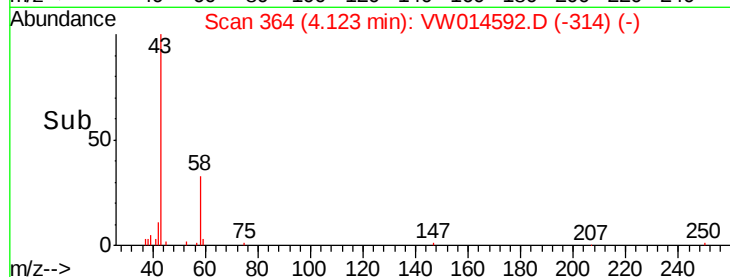
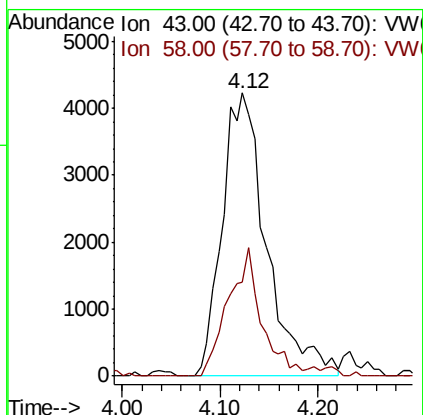
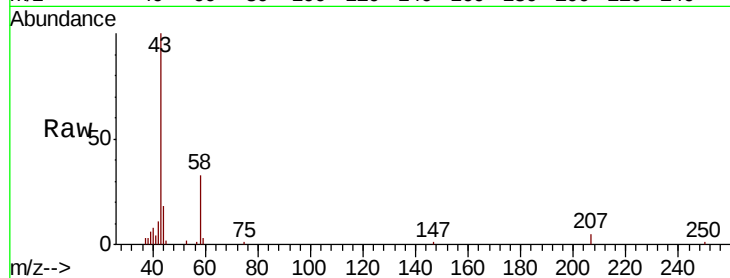




#16
Acetone
Concen: 7.491 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014592.D
Acq: 09 Jan 2020 19:32

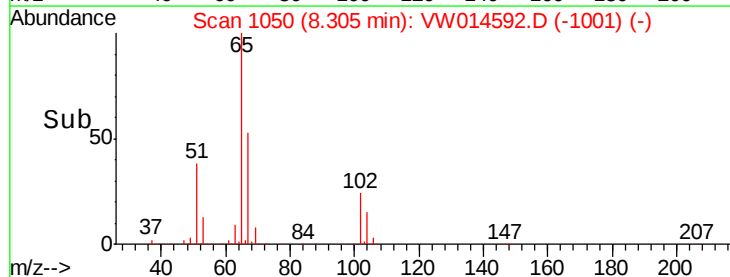
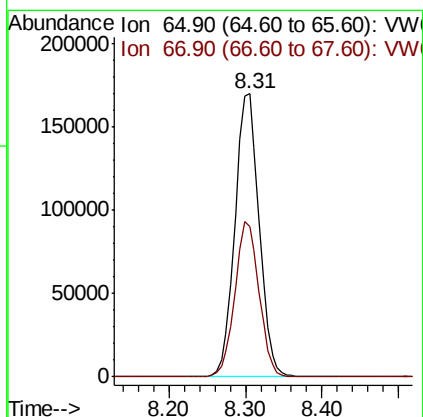
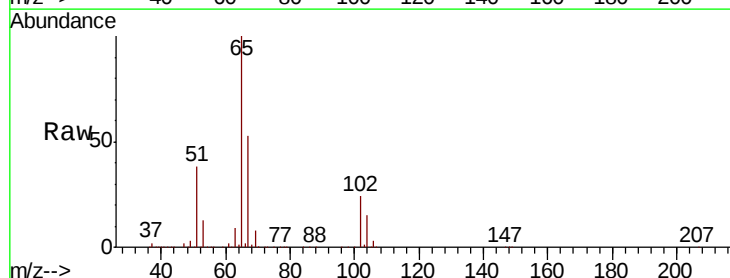
Instrument :
MSVOA_W
ClientSampleId :

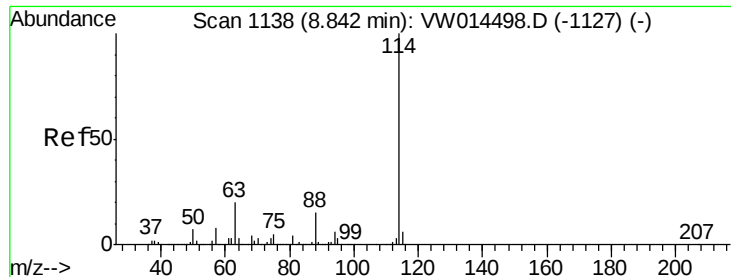
Tot Ion: 43 Resp: 13261
Ion Ratio Lower Upper
43 100
58 33.1 26.6 39.8



#33
1,2-Dichloroethane-d4
Concen: 59.370 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW014592.D
Acq: 09 Jan 2020 19:32

Tgt Ion: 65 Resp: 372201
Ion Ratio Lower Upper
65 100
67 54.8 0.0 108.4

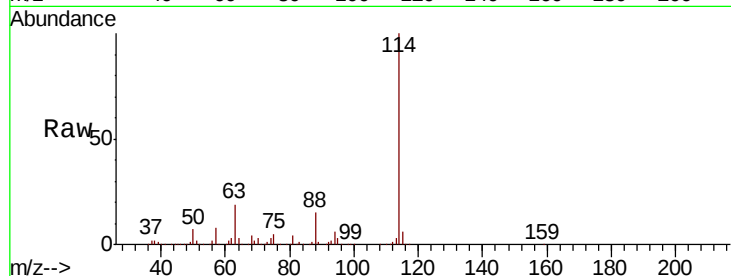




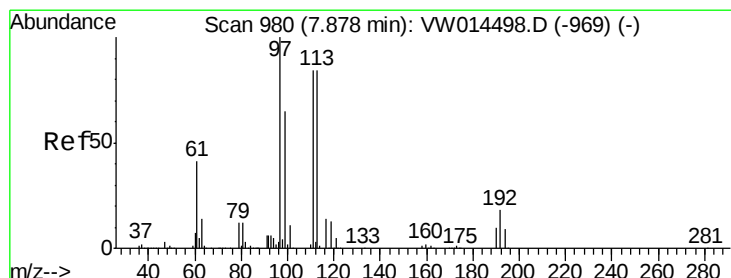
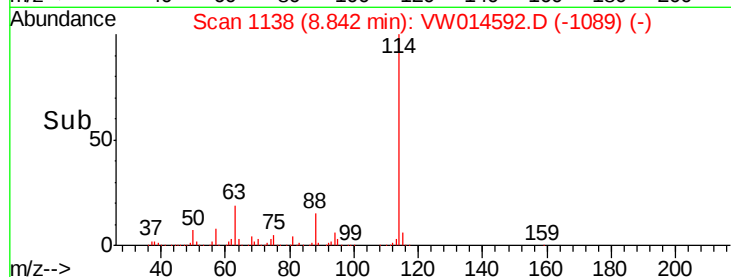
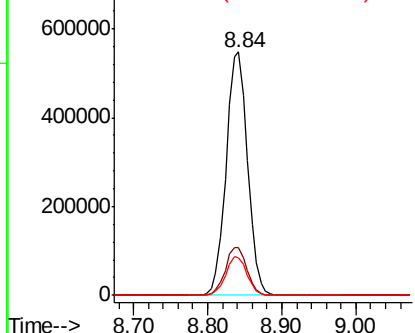
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW014592.D
 Acq: 09 Jan 2020 19:32

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:114 Resp: 1102941
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.4
 88 15.2 0.0 30.6

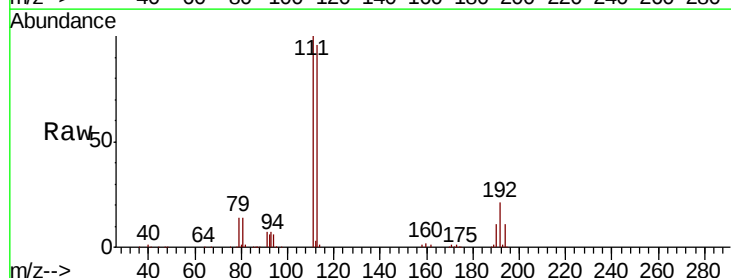


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

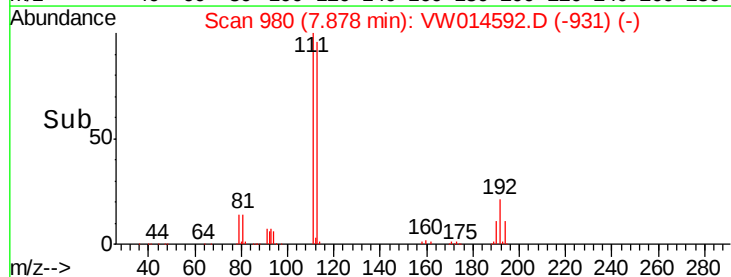
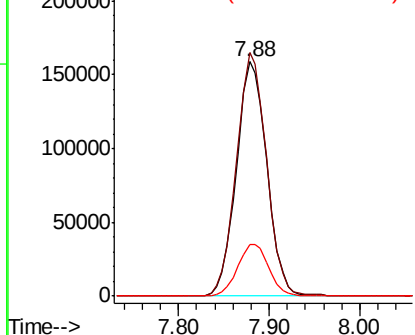


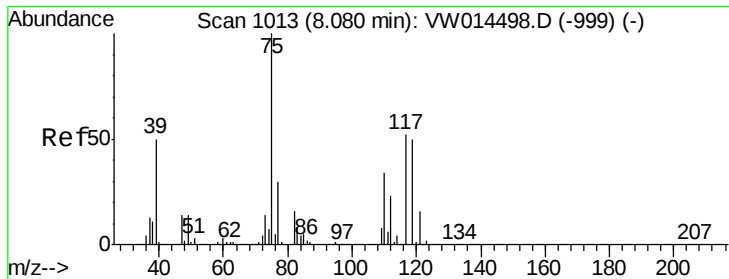
#35
 Dibromofluoromethane
 Concen: 58.786 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW014592.D
 Acq: 09 Jan 2020 19:32

Tgt Ion:113 Resp: 370557
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.4 122.2
 192 22.7 17.8 26.8



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

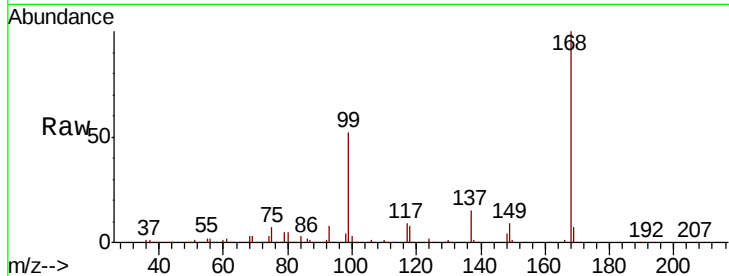




#36
 1,1-Dichloropropene
 Concen: 4.538 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW014592.D
 Acq: 09 Jan 2020 19:32

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	75	Resp	48254
Ion Ratio	100	Lower	Upper
75	100		
110	0.0	17.8	53.5#
77	0.1	24.7	37.1#

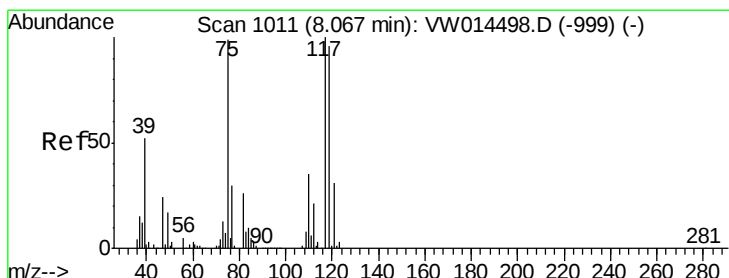
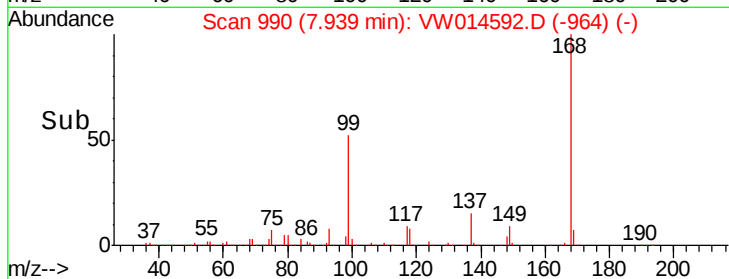
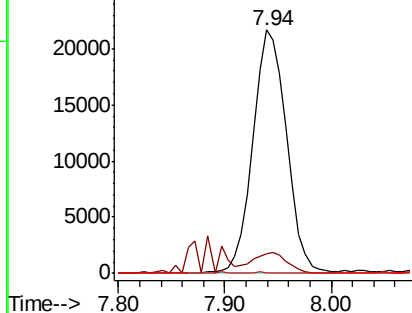


Abundance

Ion 74.90 (74.60 to 75.60): VW

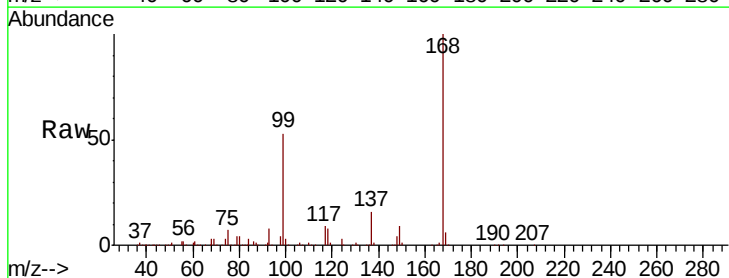
Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW



#38
 Carbon Tetrachloride
 Concen: 6.808 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW014592.D
 Acq: 09 Jan 2020 19:32

Tgt Ion	117	Resp	62800
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	6.0	77.0	115.6#
121	0.0	24.6	36.8#

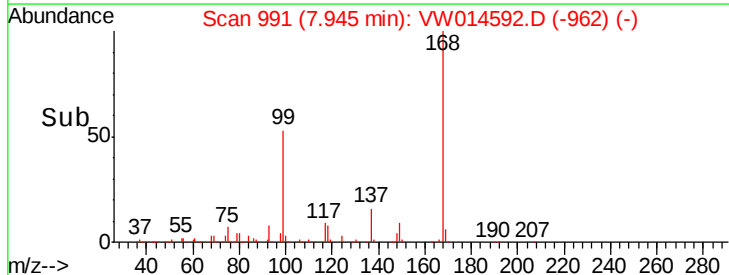
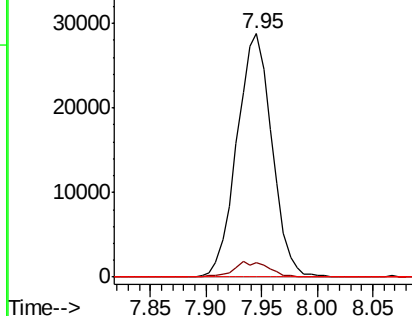


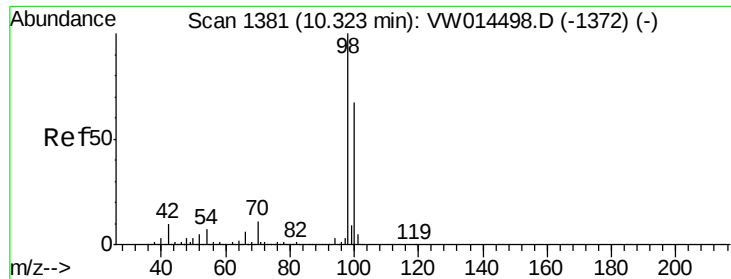
Abundance

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: 56.392 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW014592.D

Acq: 09 Jan 2020 19:32

Instrument :

MSVOA_W

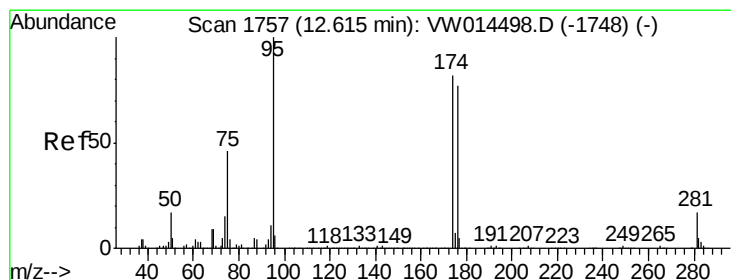
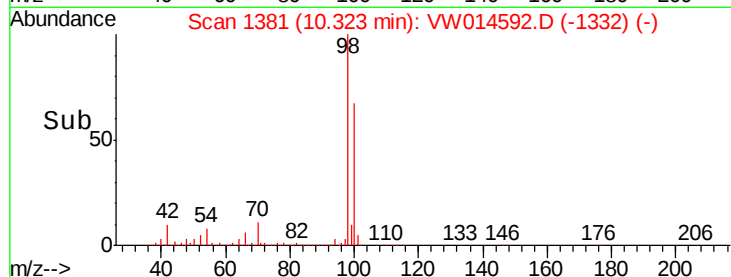
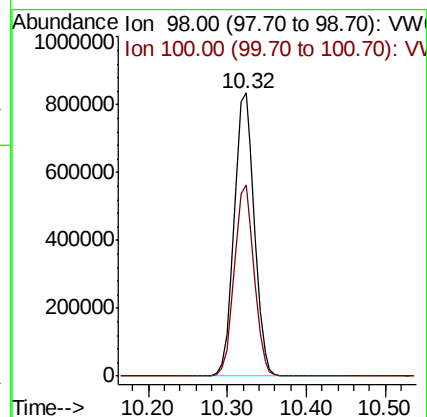
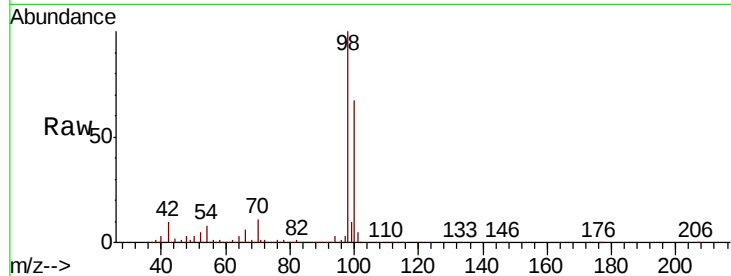
ClientSampleId :

Tot Ion: 98 Resp: 1483450

Ion Ratio Lower Upper

98 100

100 66.4 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 57.713 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW014592.D

Acq: 09 Jan 2020 19:32

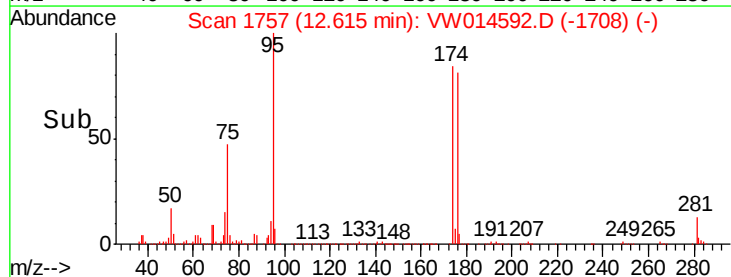
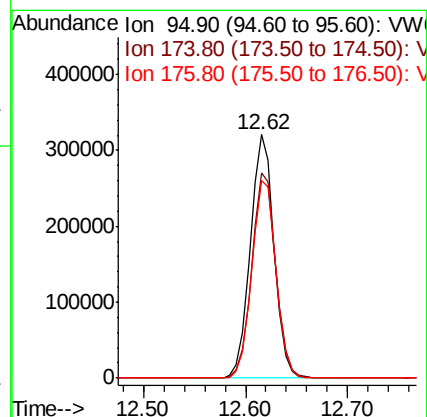
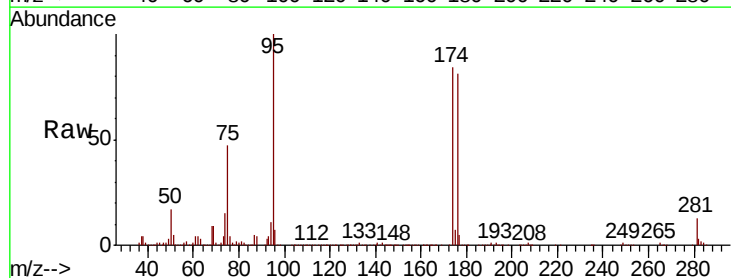
Tgt Ion: 95 Resp: 514957

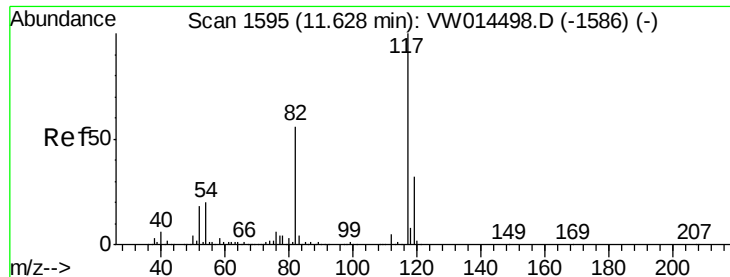
Ion Ratio Lower Upper

95 100

174 86.0 0.0 168.6

176 83.8 0.0 162.0

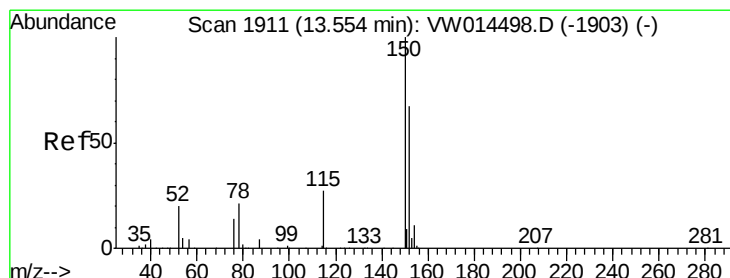
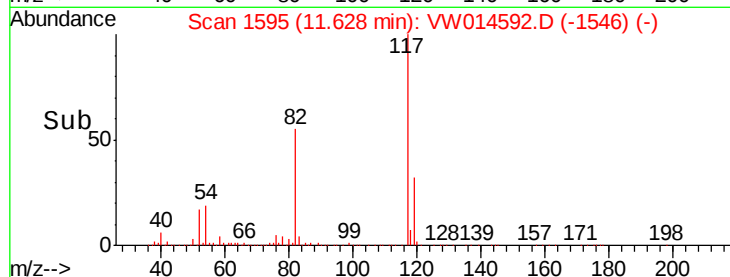
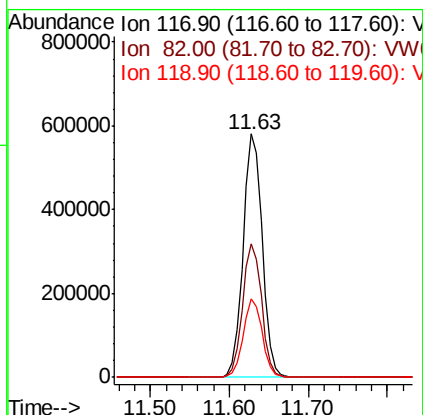
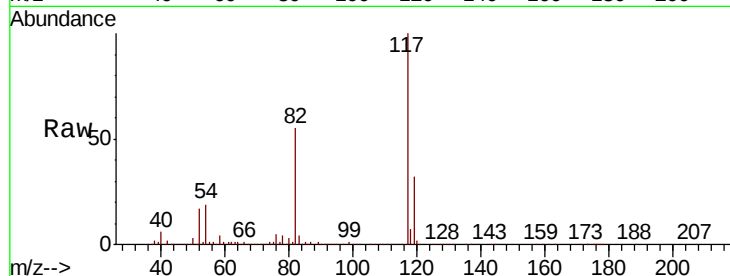




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014592.D
Acq: 09 Jan 2020 19:32

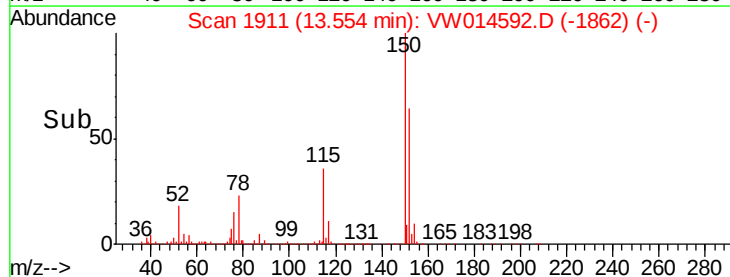
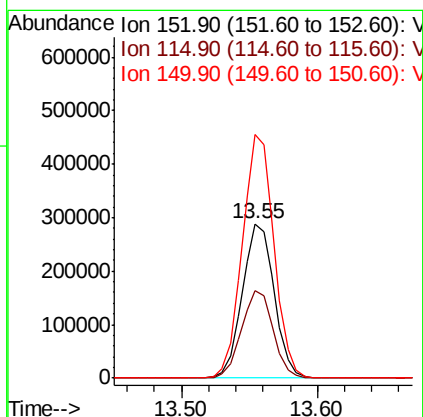
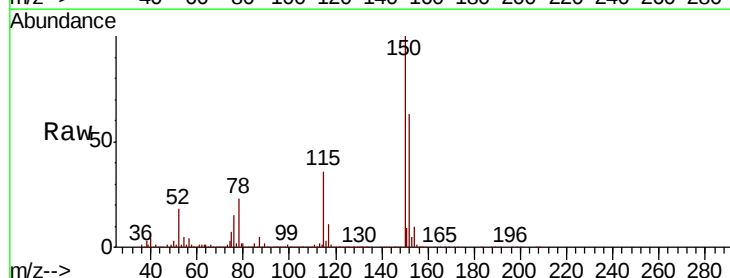
Instrument :
MSVOA_W
ClientSampleId :

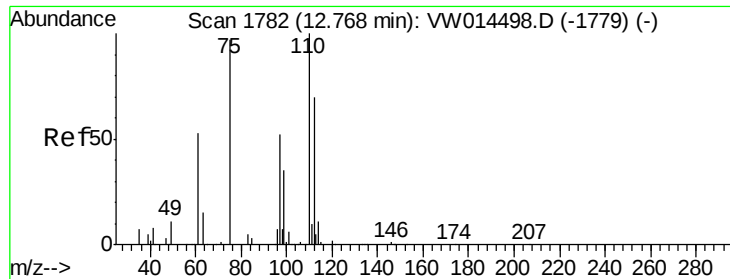
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.6	67.0
119	32.2	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VW014592.D
Acq: 09 Jan 2020 19:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	27.7	83.1
150	156.6	0.0	343.4



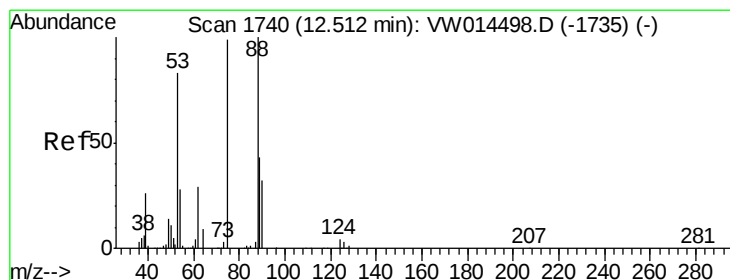
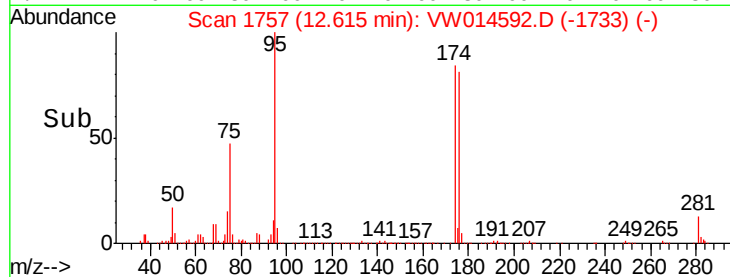
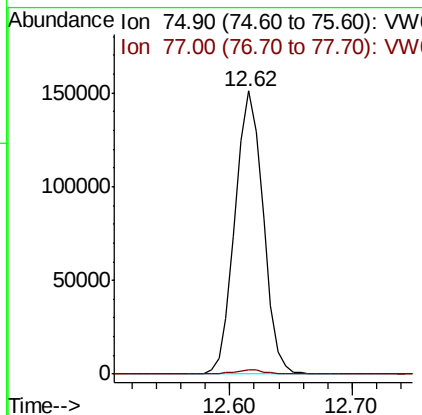
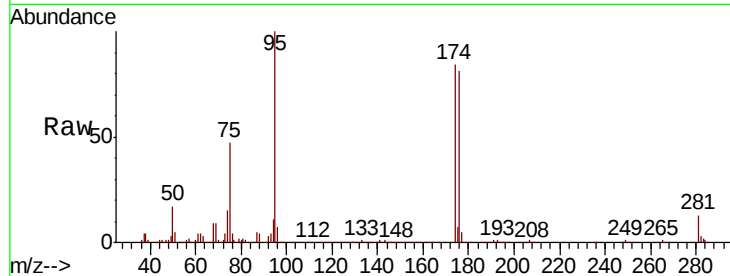


#76

1,2,3-Trichloropropane
 Concen: 53.891 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW014592.D
 Acq: 09 Jan 2020 19:32

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 240246
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene
 Concen: 120.072 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW014592.D
 Acq: 09 Jan 2020 19:32

Tgt Ion: 75 Resp: 240246
 Ion Ratio Lower Upper
 75 100
 53 0.2 70.9 106.3#
 89 0.2 35.8 53.8#

