

Data File : VW017338.D
Acq On : 18 Nov 2020 19:28
Operator : SY/VA
Sample : L4739-18RE
Misc : 6.52G/10ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB105

Quant Time: Nov 19 05:06:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 19 05:03:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	312079	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	179359	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	34786	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	141382	30.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.40%
7) Chloroethane-d5	2.90	69	112723	30.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.84%
10) 1,1-Dichloroethene-d2	4.02	63	174456	21.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.36%
20) 2-Butanone-d5	7.08	46	55421	73.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	146.08%#
24) Chloroform-d	7.65	84	218967	26.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.84%
26) 1,2-Dichloroethane-d4	8.31	65	114266	28.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.40%
29) Benzene-d6	8.28	84	417158	41.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	165.04%#
33) 1,2-Dichloropropane-d6	9.28	67	110592	41.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	164.24%#
37) Toluene-d8	10.33	98	307593	32.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	129.24%
38) trans-1,3-Dichloropropene-	10.58	79	40397	34.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	137.80%#
39) 2-Hexanone-d5	10.93	63	33620	93.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	186.16%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	51406	25.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	28355	22.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.32%

Target Compounds

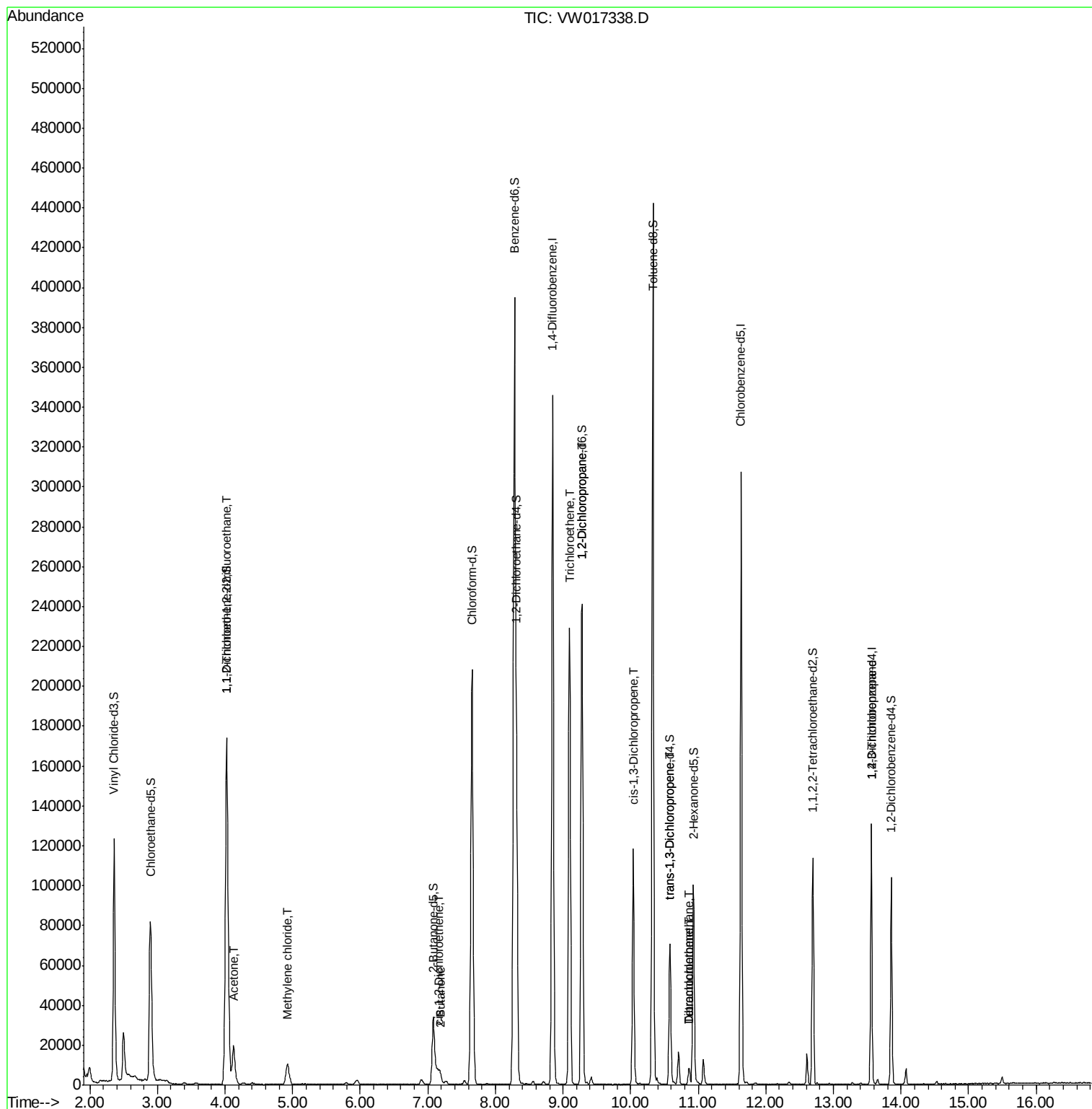
					Qvalue	
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	1241	0.290	ug/L #	16
13) Acetone	4.13	43	33225	60.016	ug/L	99
16) Methylene chloride	4.92	84	8995	1.685	ug/L	89
21) 2-Butanone	7.19	43	6004	7.075	ug/L	78
22) cis-1,2-Dichloroethene	7.17	96	1795	0.402	ug/L	94
35) Trichloroethene	9.09	95	79726	27.816	ug/L	99
40) 1,2-Dichloropropane	9.27	63	13070	5.703	ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3317	0.932	ug/L #	72
45) trans-1,3-Dichloropropene	10.58	75	1852	0.615	ug/L #	54
47) Tetrachloroethene	10.87	164	2022	0.778	ug/L	96
50) Dibromochloromethane	10.86	129	1994	0.864	ug/L #	12
59) 1,2,3-Trichloropropane	13.56	75	3941	2.790	ug/L	98

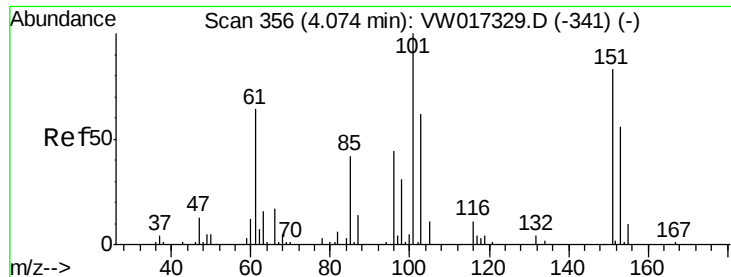
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.290 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.05 min

Lab File: VW017338.D

Acq: 18 Nov 2020 19:28

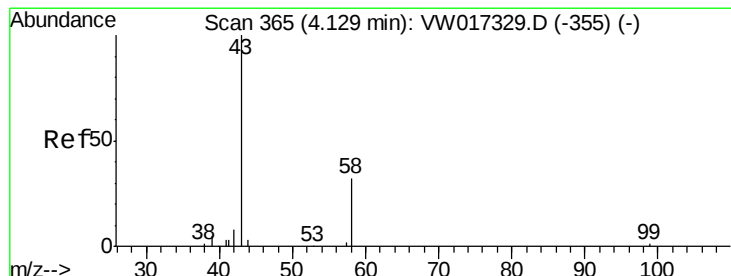
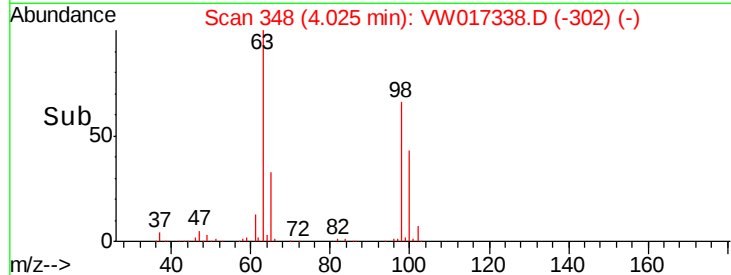
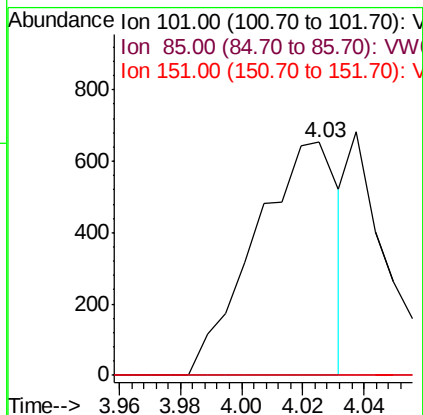
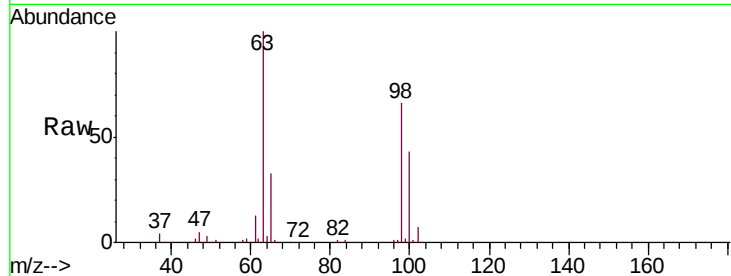
Instrument :

MSVOA_W

ClientSampled :

GB105

Tgt Ion:	101	Resp:	1241
Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.6	51.8#
151	0.0	66.3	99.5#



#13

Acetone

Concen: 60.016 ug/L

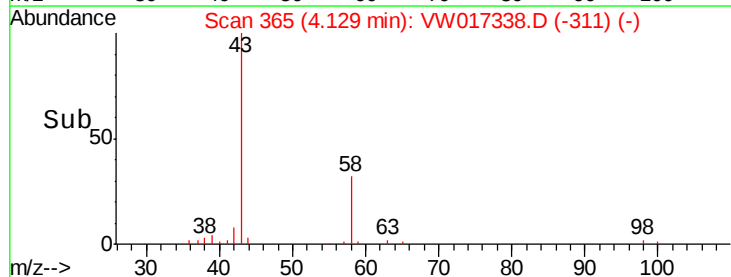
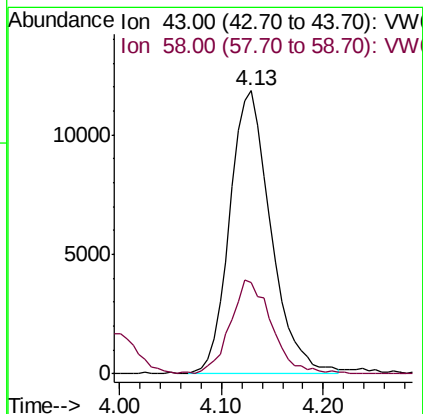
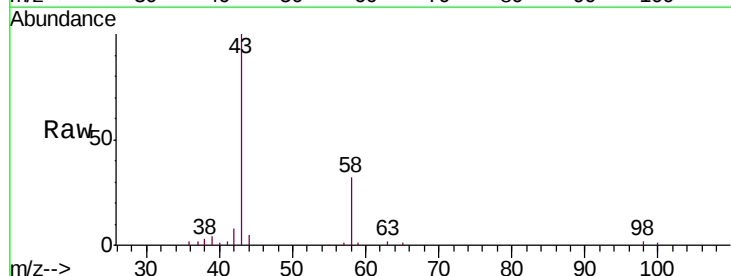
RT: 4.13 min Scan# 365

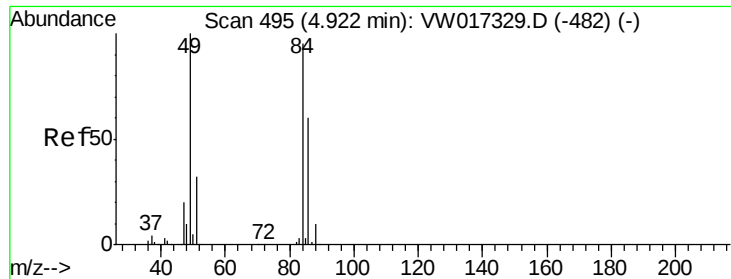
Delta R.T. -0.00 min

Lab File: VW017338.D

Acq: 18 Nov 2020 19:28

Tgt Ion:	43	Resp:	33225
Ion	Ratio	Lower	Upper
43	100		
58	33.0	0.0	67.0

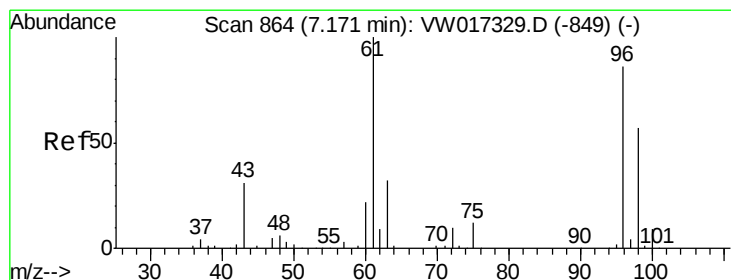
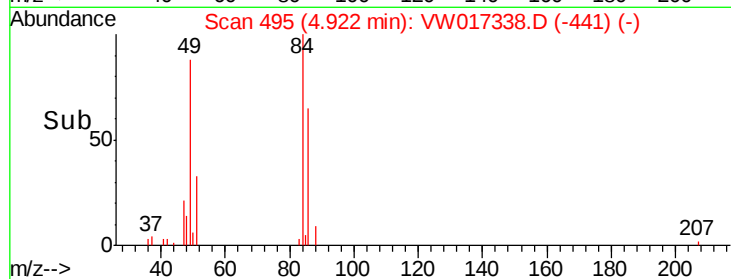
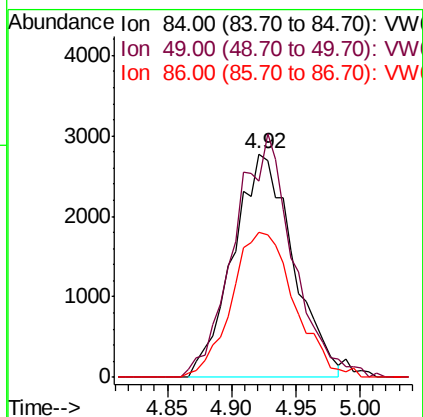
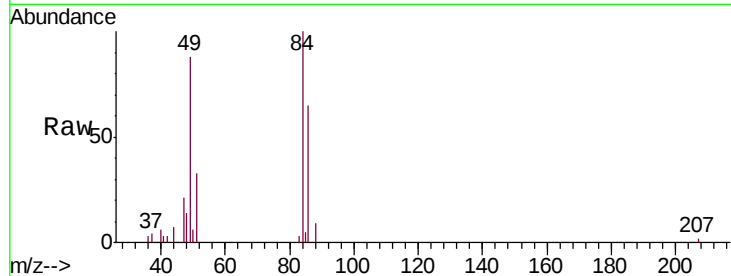




#16
Methylene chloride
Concen: 1.685 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW017338.D
Acq: 18 Nov 2020 19:28

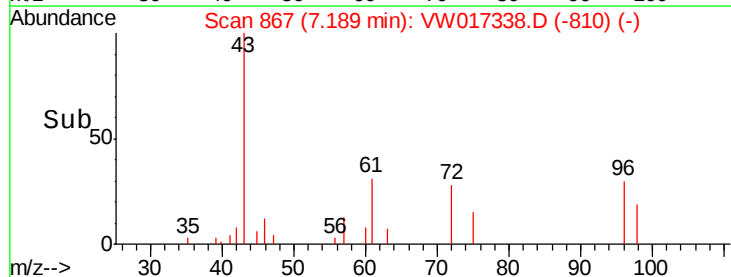
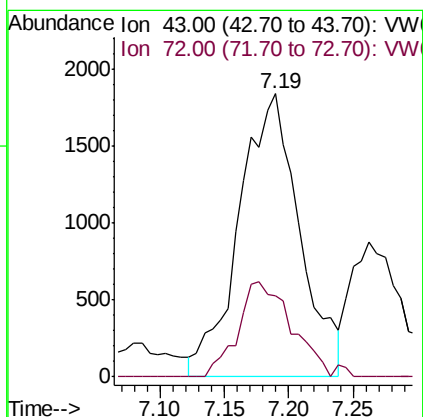
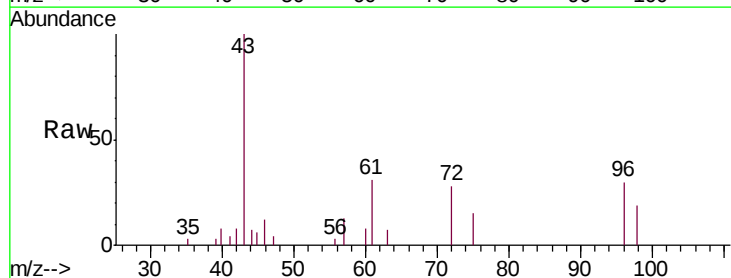
Instrument :
MSVOA_W
ClientSampleId :
GB105

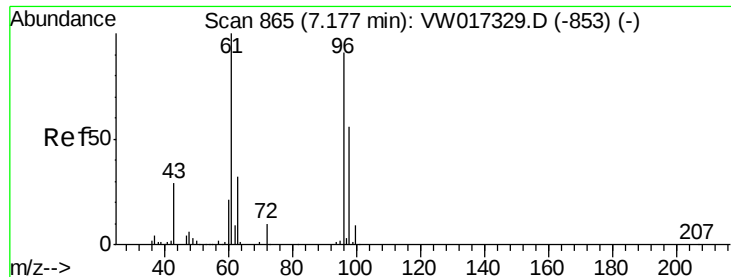
Tgt Ion: 84 Resp: 8995
Ion Ratio Lower Upper
84 100
49 87.9 71.5 132.9
86 64.8 42.8 79.4



#21
2-Butanone
Concen: 7.075 ug/L
RT: 7.19 min Scan# 867
Delta R.T. 0.02 min
Lab File: VW017338.D
Acq: 18 Nov 2020 19:28

Tgt Ion: 43 Resp: 6004
Ion Ratio Lower Upper
43 100
72 20.2 16.4 49.1



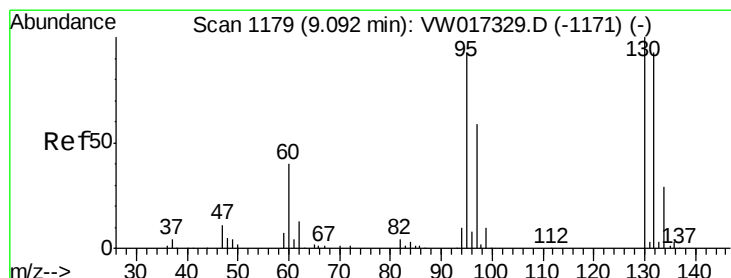
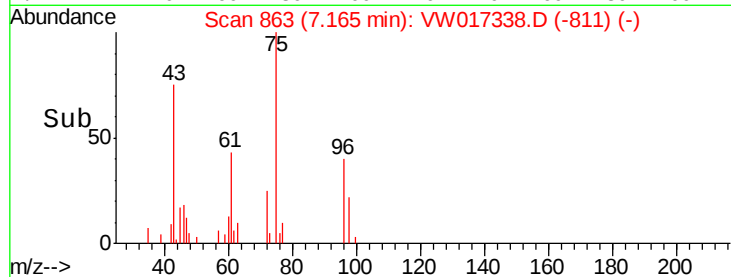
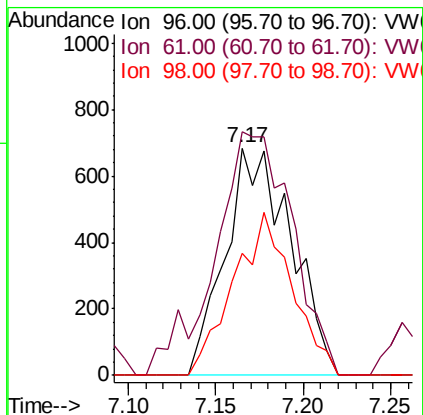
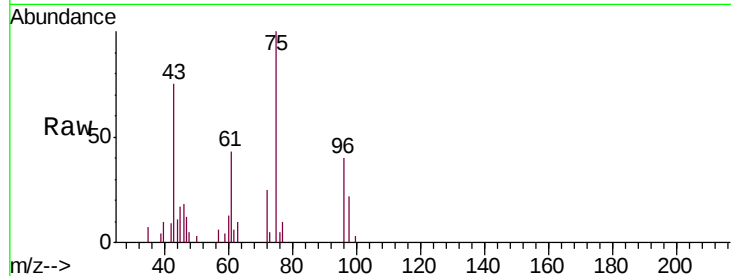


#22

cis-1,2-Dichloroethene
Concen: 0.402 ug/L
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW017338.D
Acq: 18 Nov 2020 19:28

Instrument :
MSVOA_W
ClientSampled :
GB105

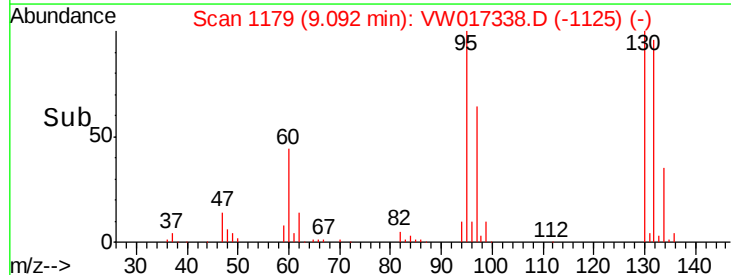
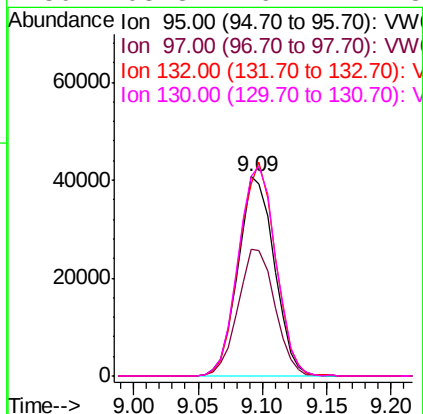
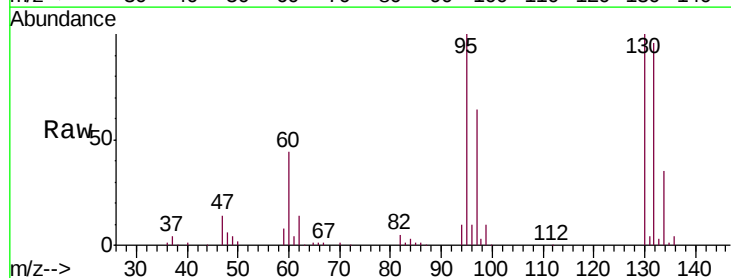
Tgt Ion: 96 Resp: 1795
Ion Ratio Lower Upper
96 100
61 107.0 76.1 141.3
98 53.6 44.7 82.9

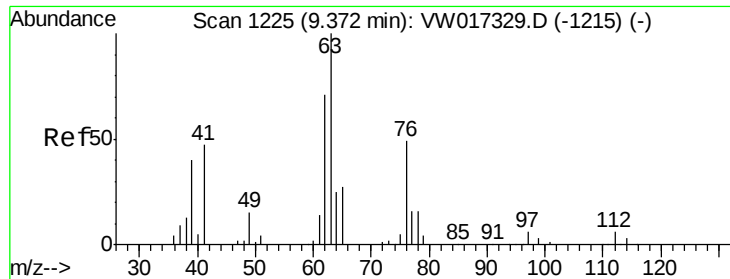


#35

Trichloroethene
Concen: 27.816 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW017338.D
Acq: 18 Nov 2020 19:28

Tgt Ion: 95 Resp: 79726
Ion Ratio Lower Upper
95 100
97 64.6 44.7 82.9
132 106.3 72.7 134.9
130 108.3 76.1 141.3

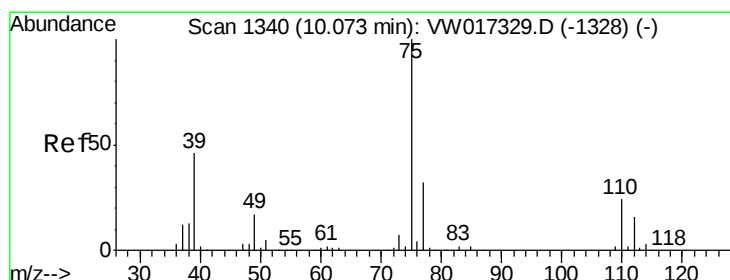
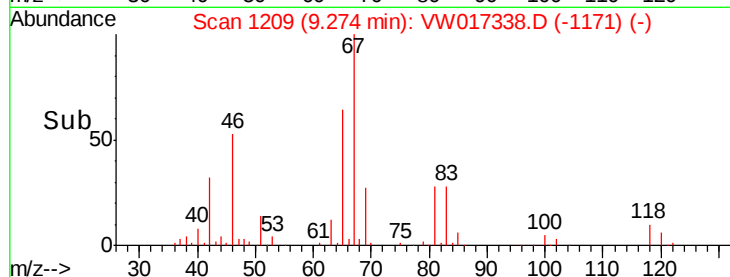
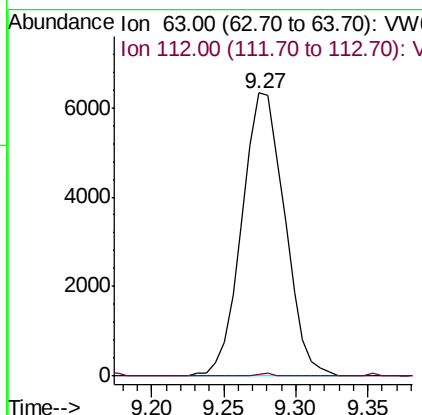
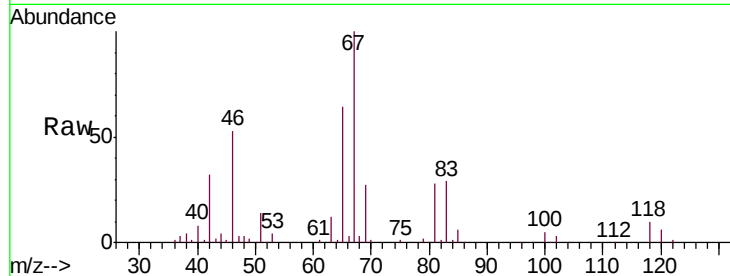




#40
 1,2-Dichloropropane
 Concen: 5.703 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW017338.D
 Acq: 18 Nov 2020 19:28

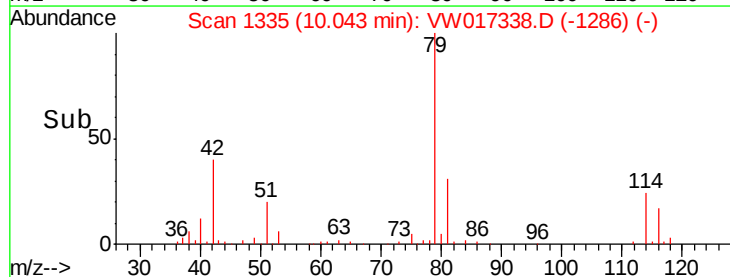
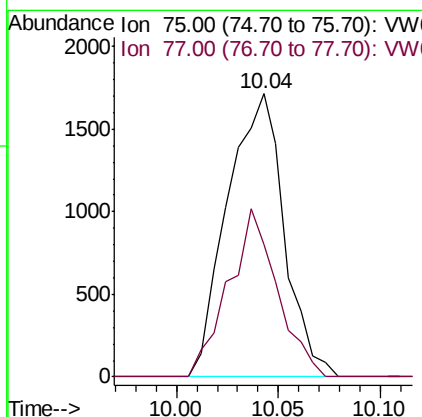
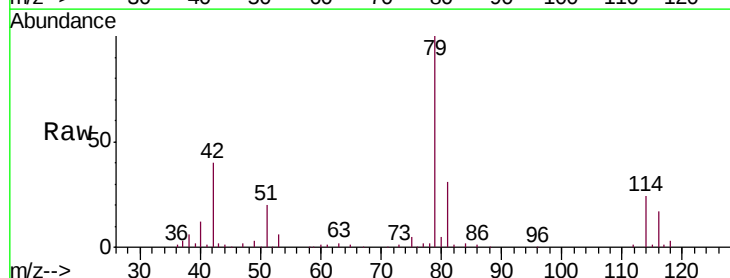
Instrument :
 MSVOA_W
 ClientSampleId :
 GB105

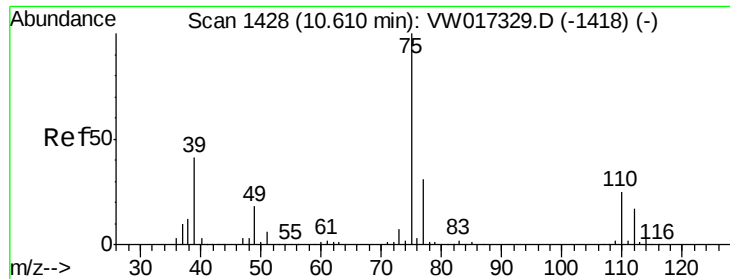
Tgt Ion: 63 Resp: 13070
 Ion Ratio Lower Upper
 63 100
 112 0.3 4.2 6.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.932 ug/L
 RT: 10.04 min Scan# 1335
 Delta R.T. -0.03 min
 Lab File: VW017338.D
 Acq: 18 Nov 2020 19:28

Tgt Ion: 75 Resp: 3317
 Ion Ratio Lower Upper
 75 100
 77 46.7 21.8 40.4#





#45

trans-1,3-Dichloropropene

Concen: 0.615 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017338.D

Acq: 18 Nov 2020 19:28

Instrument :

MSVOA_W

ClientSampleId :

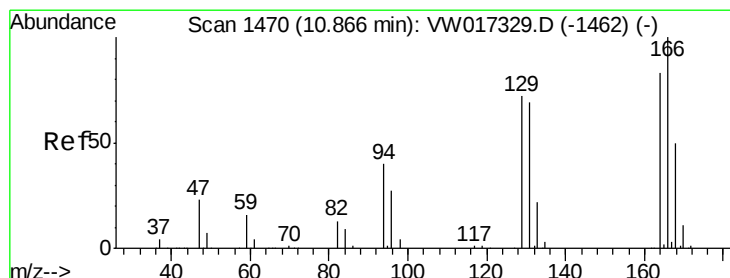
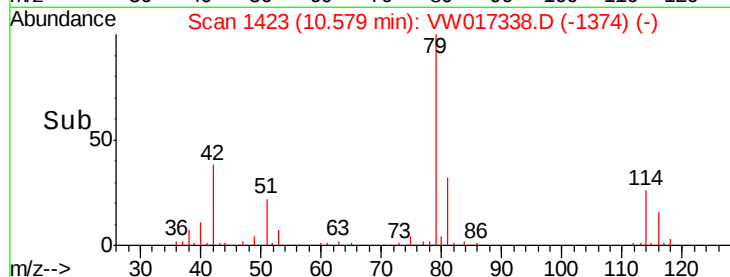
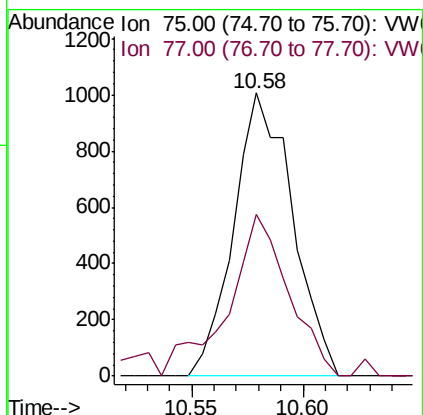
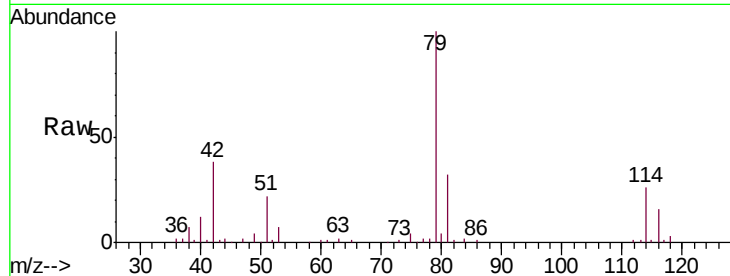
GB105

Tgt Ion: 75 Resp: 1852

Ion Ratio Lower Upper

75 100

77 57.1 22.0 40.8#



#47

Tetrachloroethene

Concen: 0.778 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW017338.D

Acq: 18 Nov 2020 19:28

Tgt Ion: 164 Resp: 2022

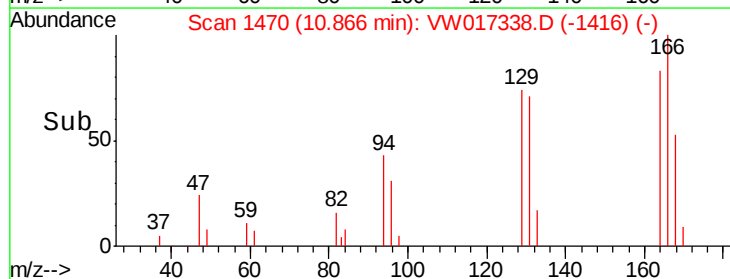
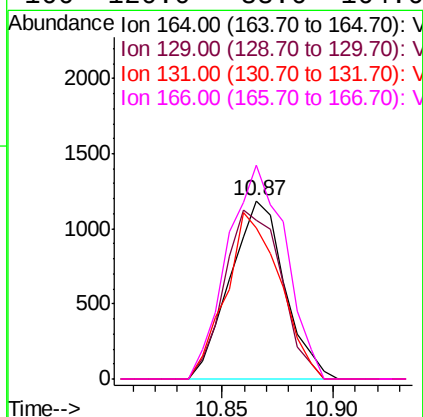
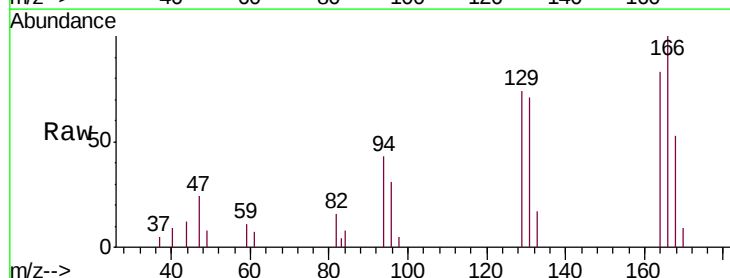
Ion Ratio Lower Upper

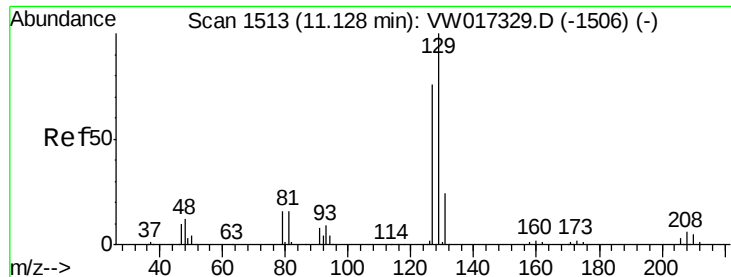
164 100

129 89.4 60.6 112.6

131 84.6 60.4 112.2

166 120.0 88.6 164.6





#50

Dibromochloromethane

Concen: 0.864 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW017338.D

Acq: 18 Nov 2020 19:28

Instrument :

MSVOA_W

ClientSampleId :

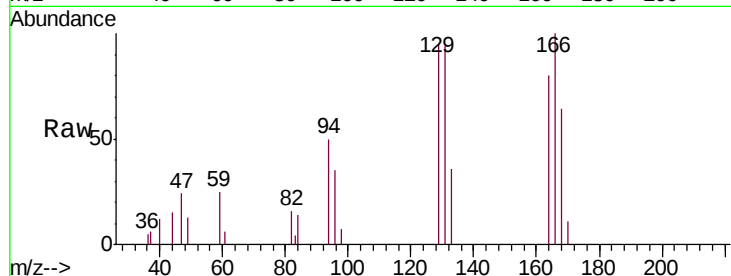
GB105

Tgt Ion:129 Resp: 1994

Ion Ratio Lower Upper

129 100

127 0.0 51.8 96.2#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

10.86

1000

800

600

400

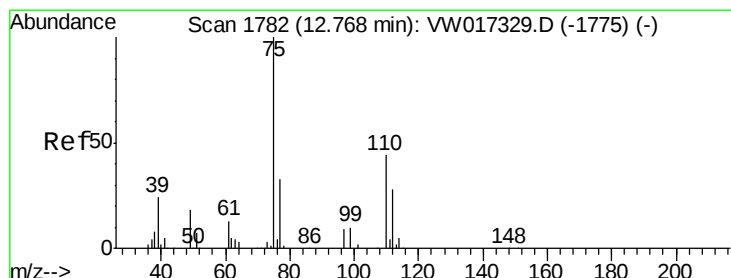
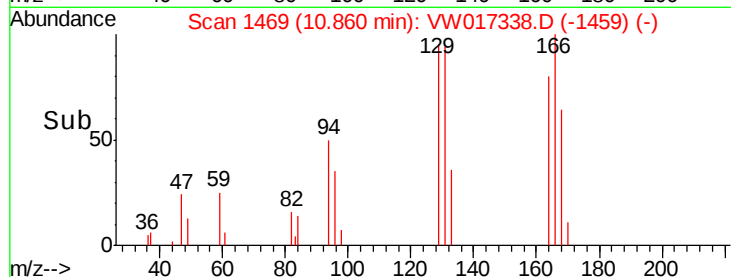
200

0

10.85

10.90

Time-->



#59

1,2,3-Trichloropropane

Concen: 2.790 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017338.D

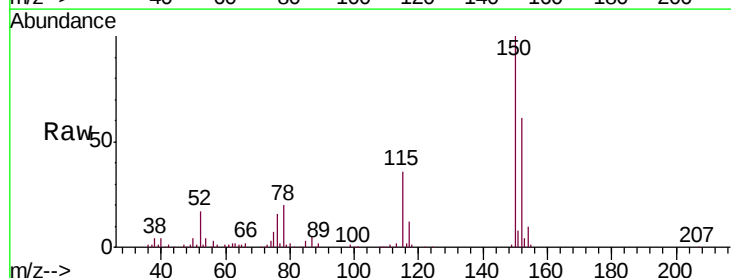
Acq: 18 Nov 2020 19:28

Tgt Ion: 75 Resp: 3941

Ion Ratio Lower Upper

75 100

77 34.6 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

13.56

2500

2000

1500

1000

500

0

13.55

13.60

Time-->

