

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120320\
 Data File : VW017537.D
 Acq On : 03 Dec 2020 16:46
 Operator : SY/VA
 Sample : L4920-12
 Misc : 5.50G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4F8

Quant Time: Dec 04 06:19:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 04 06:16:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	489324	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	419030	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	199899	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	104660	16.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.04%
7) Chloroethane-d5	2.89	69	90579	16.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.68%
10) 1,1-Dichloroethene-d2	4.03	63	184951	12.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.84%
20) 2-Butanone-d5	7.08	46	58580	41.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.00%
24) Chloroform-d	7.65	84	273901	19.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.92%
26) 1,2-Dichloroethane-d4	8.31	65	140576	19.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.68%
29) Benzene-d6	8.28	84	518424	19.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.04%
33) 1,2-Dichloropropane-d6	9.27	67	153526	20.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.72%
37) Toluene-d8	10.32	98	475367	19.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.96%
38) trans-1,3-Dichloropropene-	10.58	79	62317	19.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.56%
39) 2-Hexanone-d5	10.93	63	39317	42.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	110292	20.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	156626	20.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.04%

Target Compounds

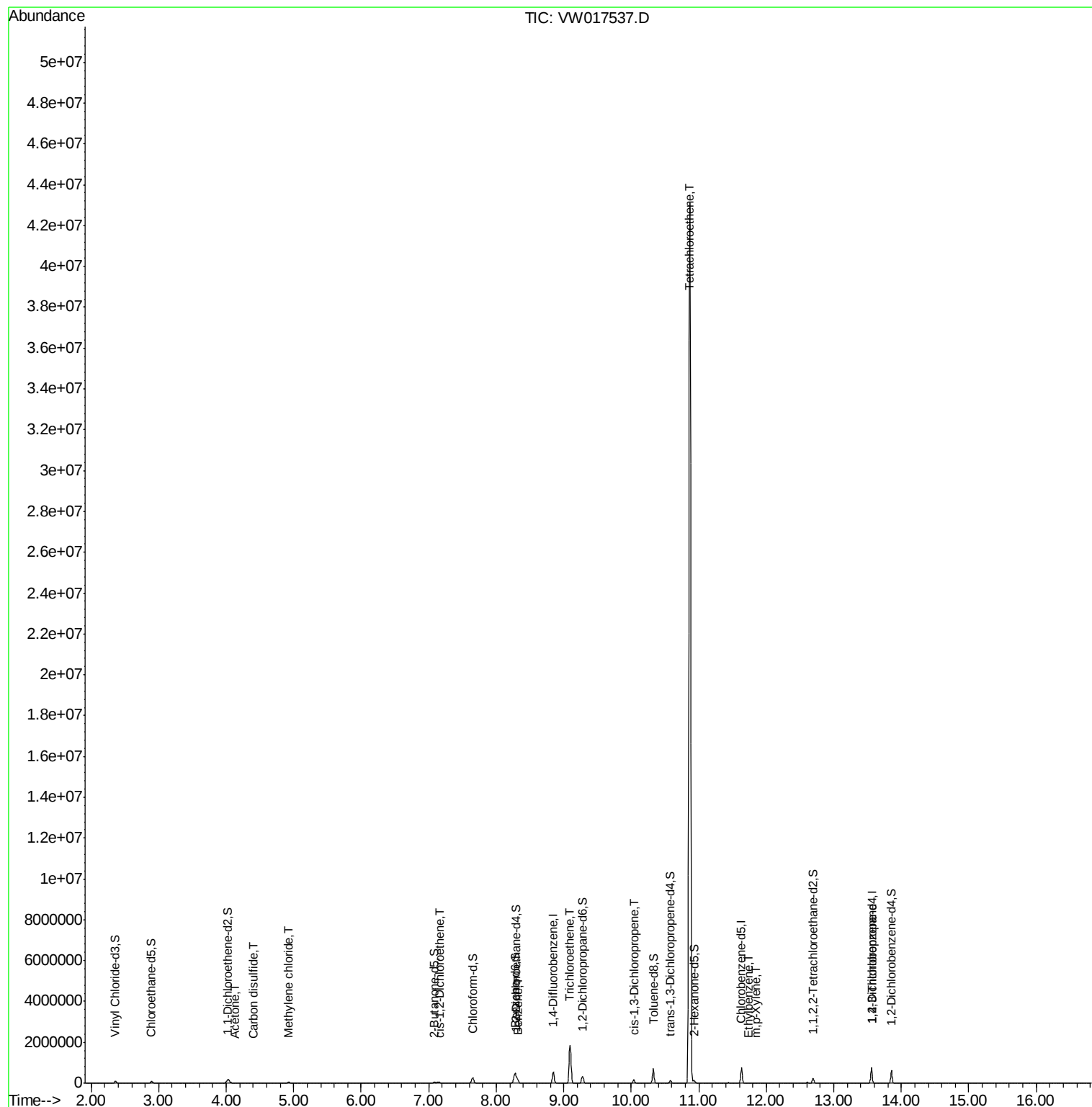
					Ovalue
13) Acetone	4.12	43	4984	3.627 ug/L	62
14) Carbon disulfide	4.40	76	7170	0.370 ug/L #	91
16) Methylene chloride	4.93	84	28100	3.808 ug/L	95
22) cis-1,2-Dichloroethene	7.17	96	3741	0.511 ug/L	84
34) Benzene	8.32	78	20721	0.818 ug/L	100
35) Trichloroethene	9.09	95	653040	92.688 ug/L	97
42) cis-1,3-Dichloropropene	10.04	75	5147	0.554 ug/L	86
47) Tetrachloroethene	10.87	164	9979758	1672.758 ug/L	91
53) Ethylbenzene	11.73	91	11077	0.359 ug/L	97
54) m,p-Xylene	11.84	106	4341	0.369 ug/L	98
59) 1,2,3-Trichloropropane	13.55	75	22474	6.234 ug/L	98

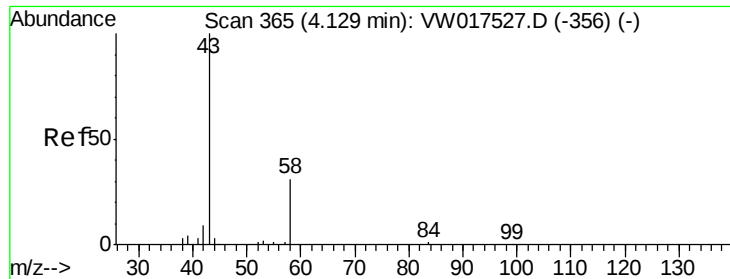
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120320\
Data File : VW017537.D
Acq On : 03 Dec 2020 16:46
Operator : SY/VA
Sample : L4920-12
Misc : 5.50G/10ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F8

Quant Time: Dec 04 06:19:59 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 04 06:16:45 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.627 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW017537.D

Acq: 03 Dec 2020 16:46

Instrument :

MSVOA_W

ClientSampleId :

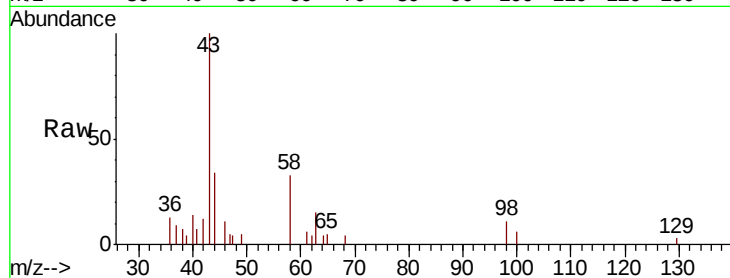
BG4F8

Tot Ion: 43 Resp: 4984

Ion Ratio Lower Upper

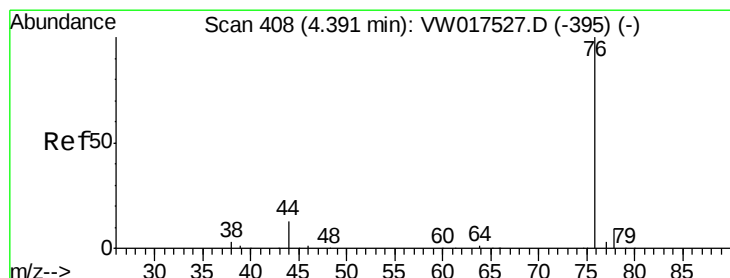
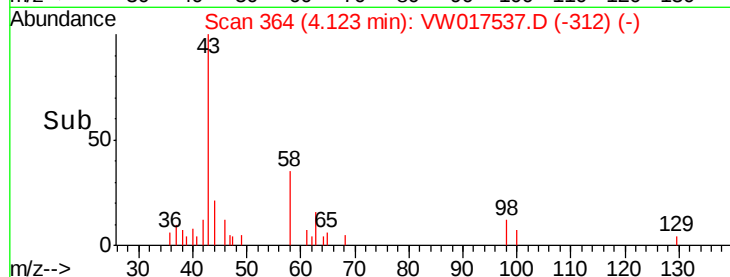
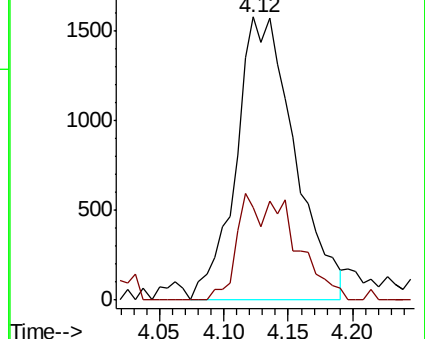
43 100

58 12.5 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.370 ug/L

RT: 4.40 min Scan# 409

Delta R.T. 0.01 min

Lab File: VW017537.D

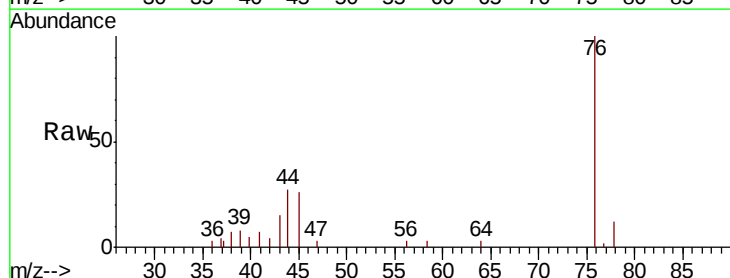
Acq: 03 Dec 2020 16:46

Tgt Ion: 76 Resp: 7170

Ion Ratio Lower Upper

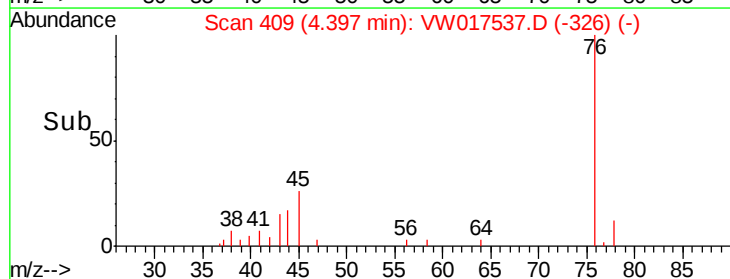
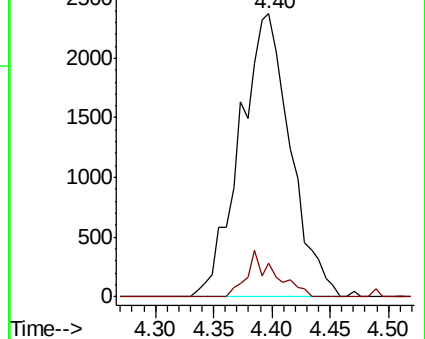
76 100

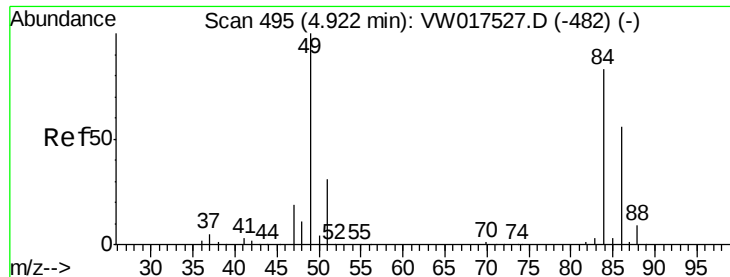
78 11.8 7.0 10.4#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

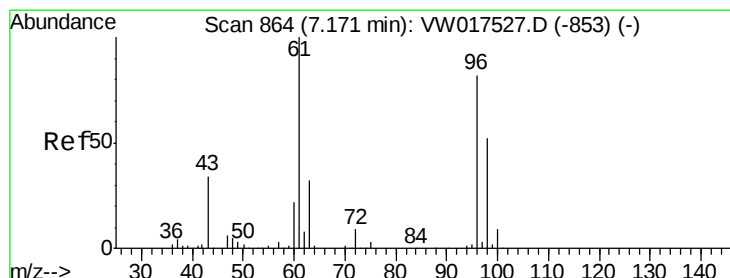
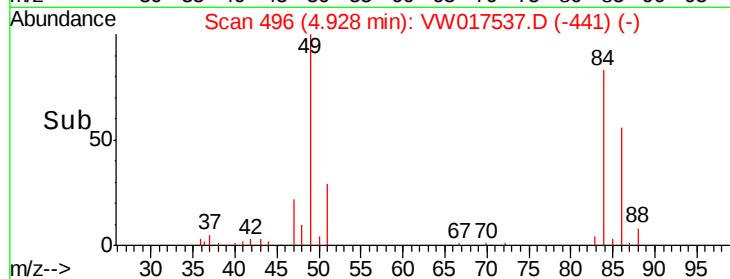
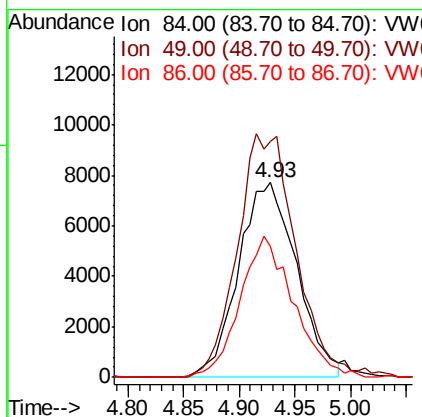
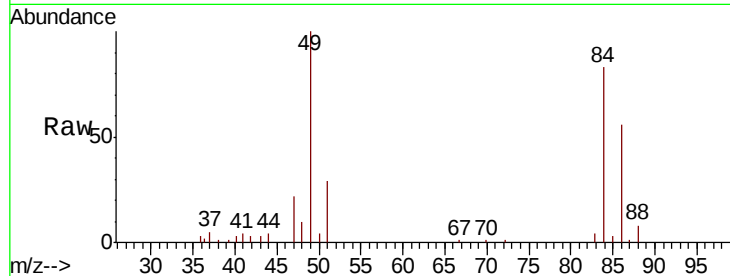




#16
Methylene chloride
Concen: 3.808 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW017537.D
Acq: 03 Dec 2020 16:46

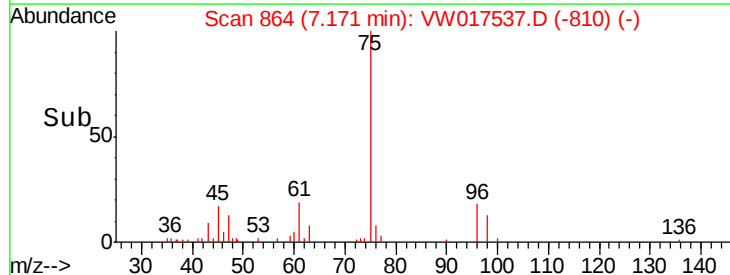
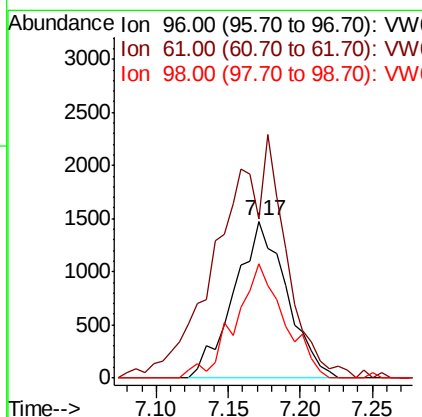
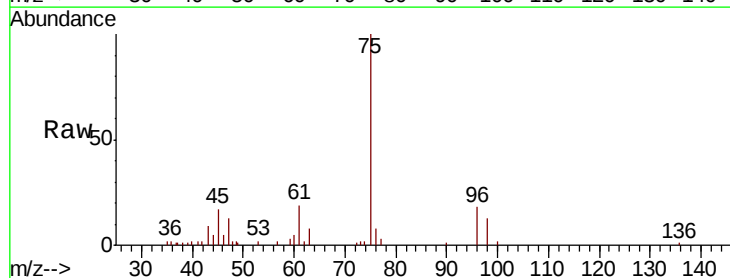
Instrument :
MSVOA_W
ClientSampleId :
BG4F8

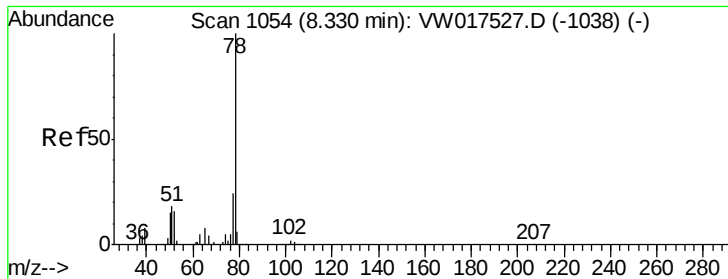
Tot Ion: 84 Resp: 28100
Ion Ratio Lower Upper
84 100
49 121.1 81.2 150.8
86 67.4 44.5 82.7



#22
cis-1,2-Dichloroethene
Concen: 0.511 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW017537.D
Acq: 03 Dec 2020 16:46

Tgt Ion: 96 Resp: 3741
Ion Ratio Lower Upper
96 100
61 101.4 84.6 157.2
98 73.1 44.7 82.9





#34

Benzene

Concen: 0.818 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW017537.D

Acq: 03 Dec 2020 16:46

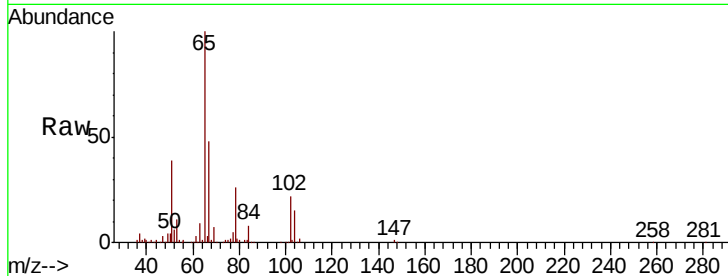
Instrument :

MSVOA_W

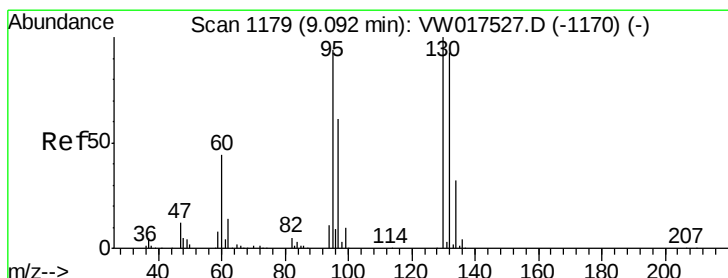
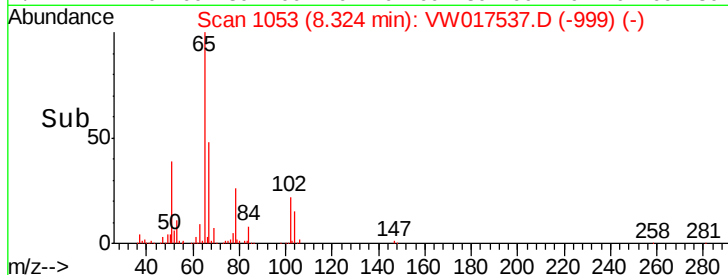
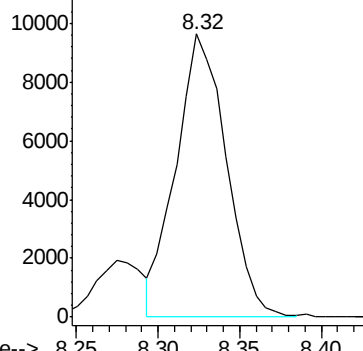
ClientSampleId :

BG4F8

Tgt Ion: 78 Resp: 20721



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 92.688 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW017537.D

Acq: 03 Dec 2020 16:46

Tgt Ion: 95 Resp: 653040

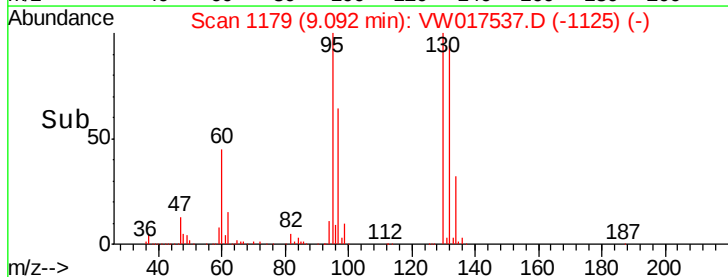
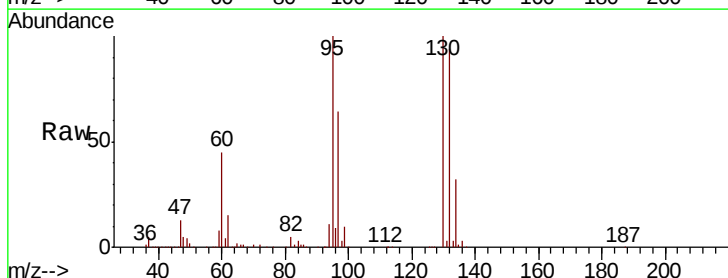
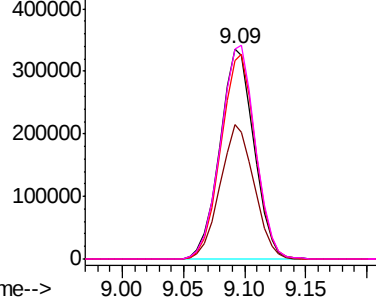
Ion	Ratio	Lower	Upper
95	100		
97	63.8	45.0	83.6
132	98.5	71.0	131.8
130	103.5	75.6	140.4

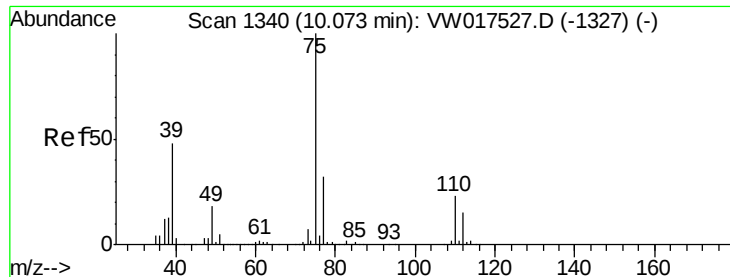
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.554 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017537.D

Acq: 03 Dec 2020 16:46

Instrument :

MSVOA_W

ClientSampleId :

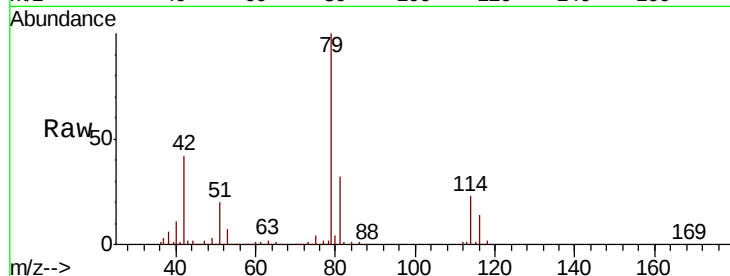
BG4F8

Tot Ion: 75 Resp: 5147

Ion Ratio Lower Upper

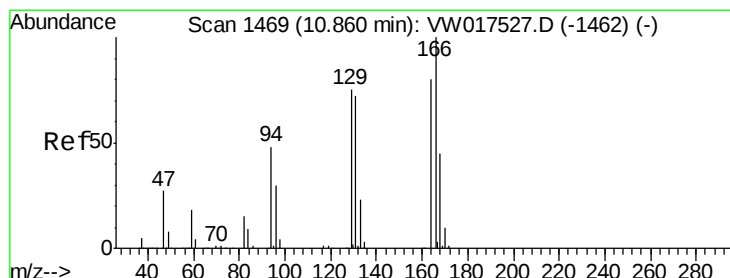
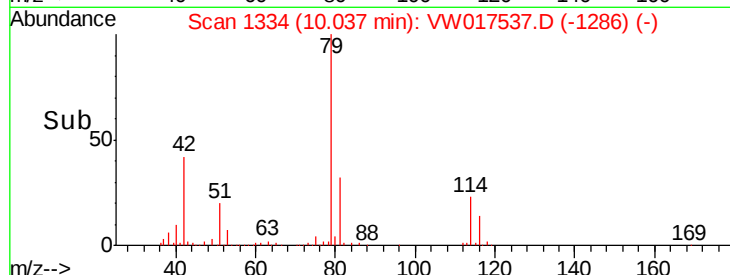
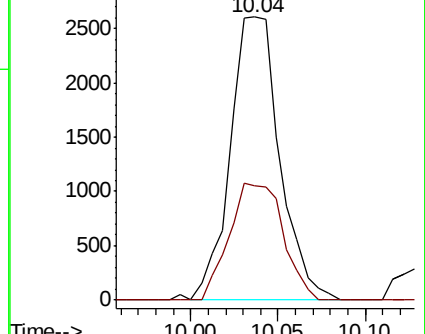
75 100

77 40.5 22.7 42.3



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#47

Tetrachloroethene

Concen: 1672.758 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW017537.D

Acq: 03 Dec 2020 16:46

Tgt Ion:164 Resp: 9979758

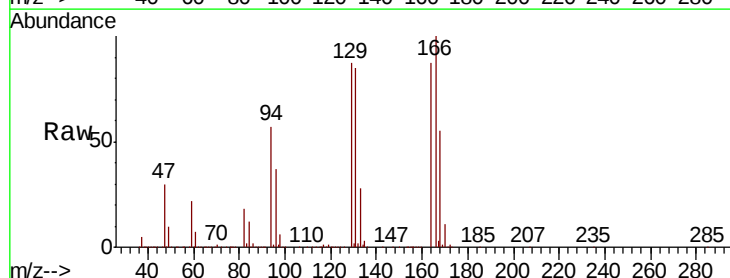
Ion Ratio Lower Upper

164 100

129 100.2 67.6 125.6

131 97.8 65.2 121.2

166 114.6 93.2 173.2

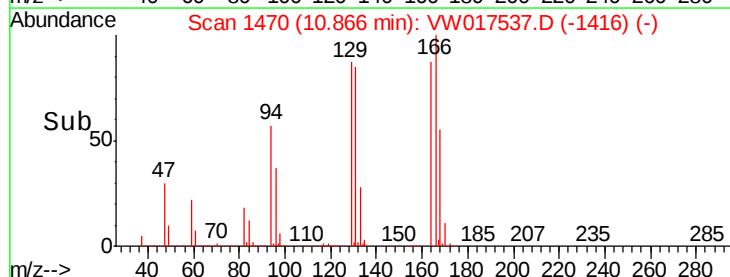
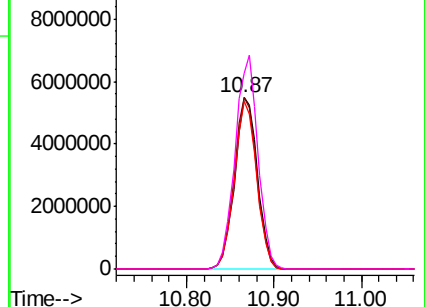


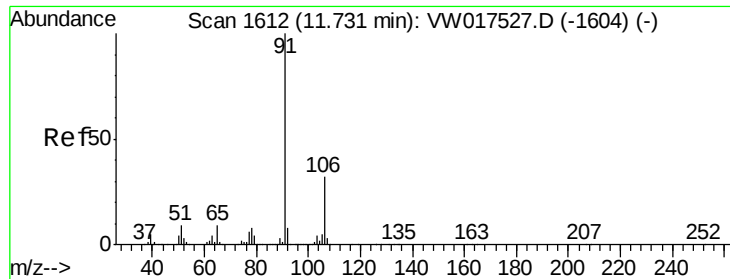
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





#53

Ethylbenzene

Concen: 0.359 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW017537.D

Acq: 03 Dec 2020 16:46

Instrument :

MSVOA_W

ClientSampleId :

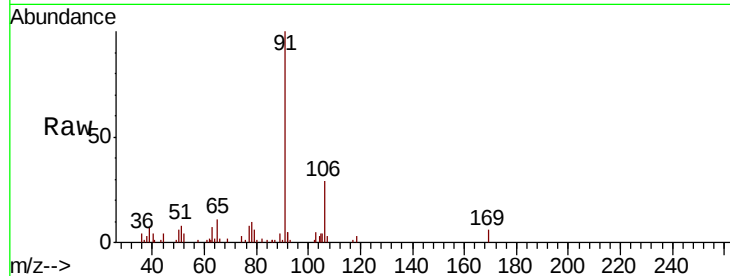
BG4F8

Tot Ion: 91 Resp: 11077

Ion Ratio Lower Upper

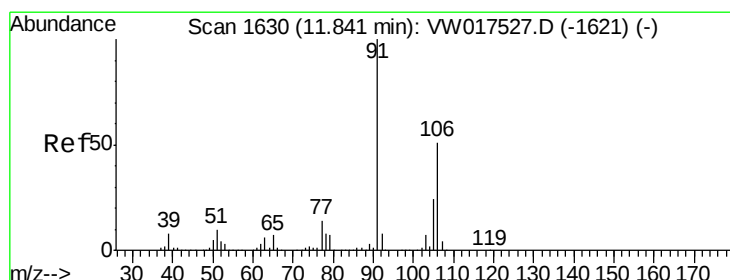
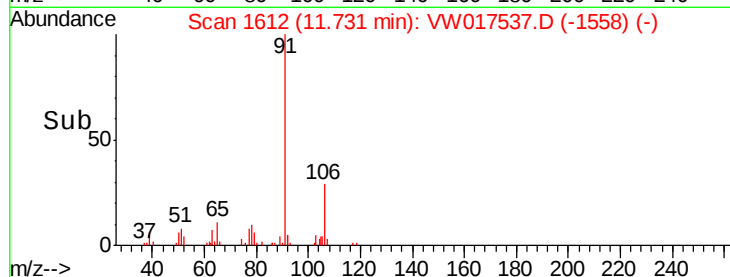
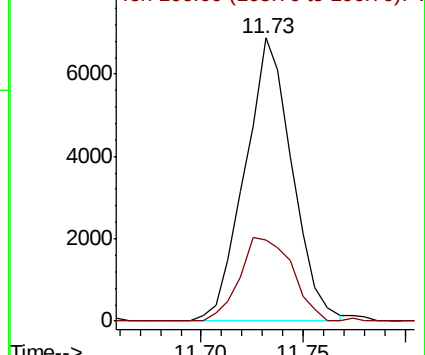
91 100

106 28.7 21.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#54

m,p-Xylene

Concen: 0.369 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW017537.D

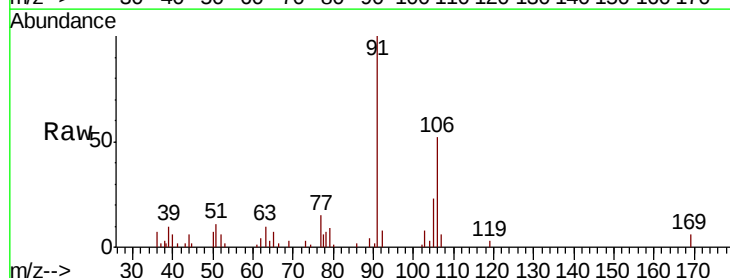
Acq: 03 Dec 2020 16:46

Tgt Ion: 106 Resp: 4341

Ion Ratio Lower Upper

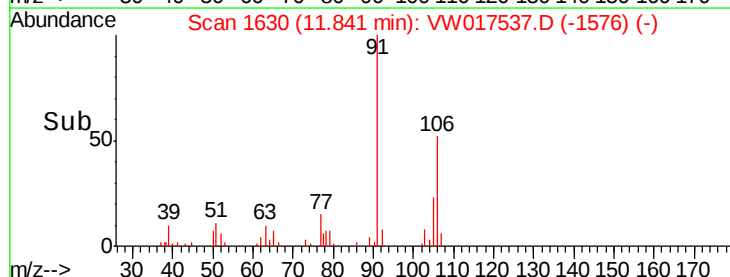
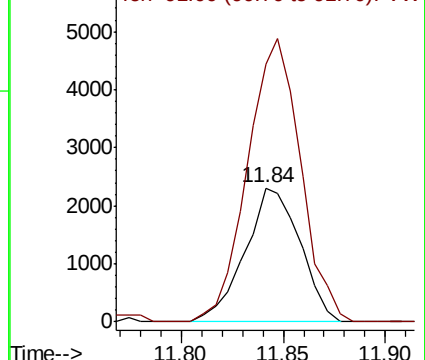
106 100

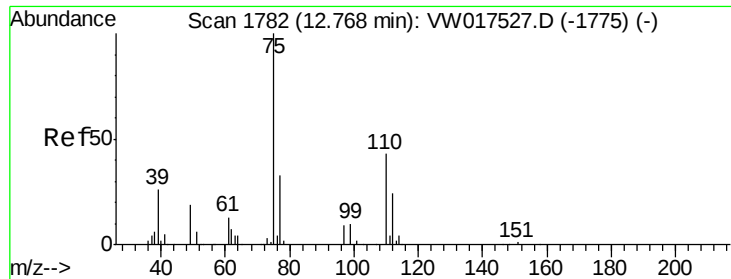
91 192.3 136.4 253.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#59

1,2,3-Trichloropropane

Concen: 6.234 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017537.D

Acq: 03 Dec 2020 16:46

Instrument :

MSVOA_W

ClientSampleId :

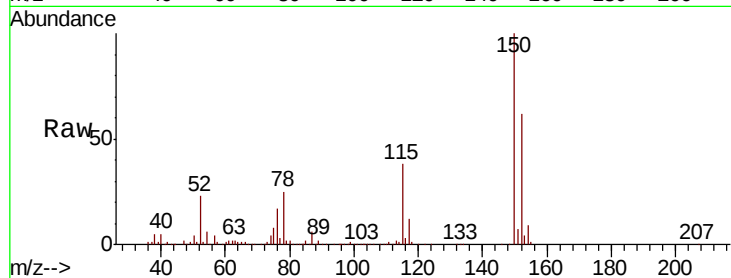
BG4F8

Tot Ion: 75 Resp: 22474

Ion Ratio Lower Upper

75 100

77 34.5 26.6 39.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

