

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\
 Data File : VW017198.D
 Acq On : 12 Nov 2020 20:27
 Operator : SY/VA
 Sample : L4712-03
 Misc : 5.56G/10ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4F1

Quant Time: Nov 13 04:22:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 13 04:11:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	406686	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	347915	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	144643	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	109191	21.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.28%
7) Chloroethane-d5	2.89	69	97569	24.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.88%
10) 1,1-Dichloroethene-d2	4.02	63	150008	16.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.48%
20) 2-Butanone-d5	7.10	46	40655	35.49	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.98%
24) Chloroform-d	7.65	84	225272	23.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.92%
26) 1,2-Dichloroethane-d4	8.31	65	112226	23.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.12%
29) Benzene-d6	8.27	84	437945	24.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.88%
33) 1,2-Dichloropropane-d6	9.27	67	119295	24.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.36%
37) Toluene-d8	10.32	98	418178	25.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.12%
38) trans-1,3-Dichloropropene-	10.58	79	44612	20.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.76%
39) 2-Hexanone-d5	10.93	63	33282	38.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	88591	20.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	125637	24.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.60%

Target Compounds

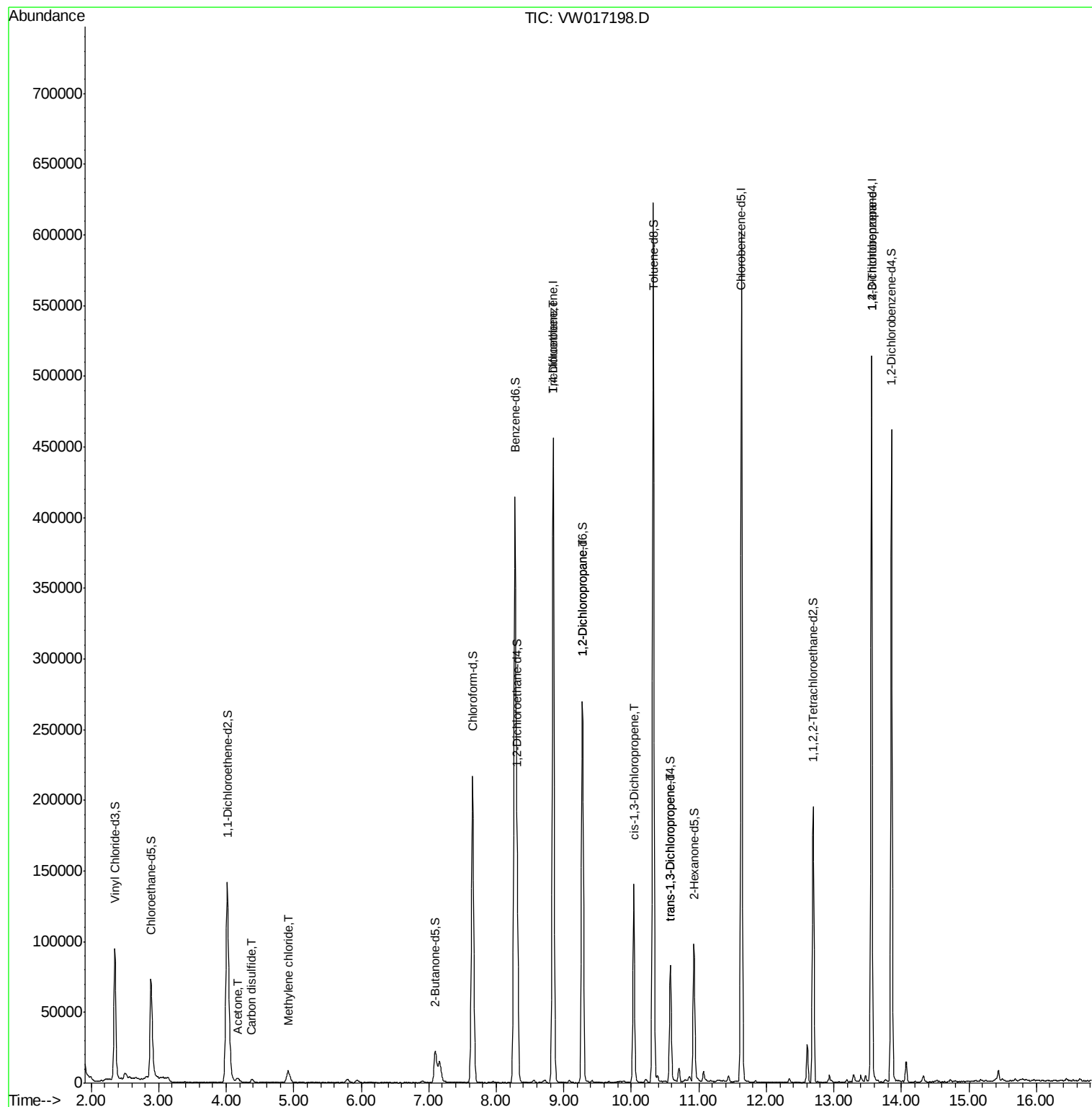
					Ovalue
13) Acetone	4.17	43	3420	4.459 ug/L	52
14) Carbon disulfide	4.38	76	5302	0.386 ug/L #	88
16) Methylene chloride	4.92	84	7579	1.382 ug/L	94
35) Trichloroethene	8.84	95	12453	2.433 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	14802	3.466 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	3877	0.573 ug/L #	70
45) trans-1,3-Dichloropropene	10.58	75	2360	0.406 ug/L	87
59) 1,2,3-Trichloropropane	13.56	75	15107	4.941 ug/L	89

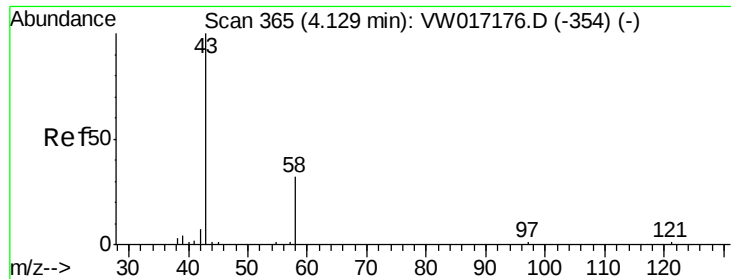
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111220\
Data File : VW017198.D
Acq On : 12 Nov 2020 20:27
Operator : SY/VA
Sample : L4712-03
Misc : 5.56G/10ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F1

Quant Time: Nov 13 04:22:11 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 13 04:11:30 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.459 ug/L

RT: 4.17 min Scan# 371

Delta R.T. 0.04 min

Lab File: VW017198.D

Acq: 12 Nov 2020 20:27

Instrument :

MSVOA_W

ClientSampled :

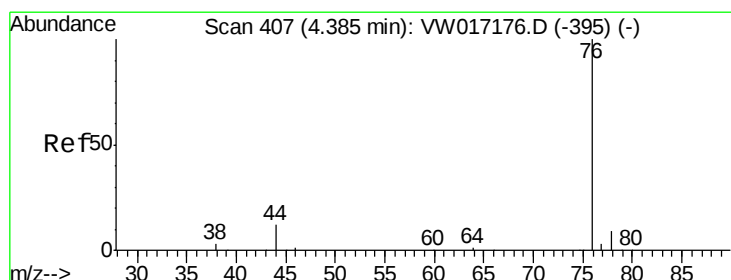
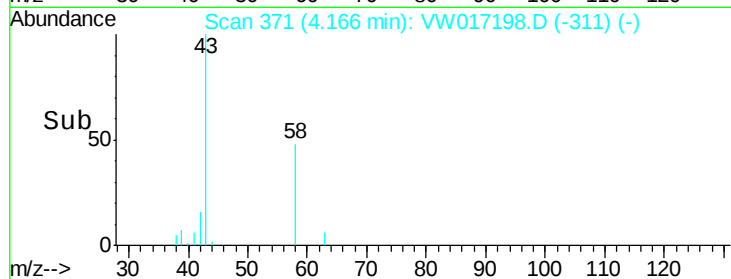
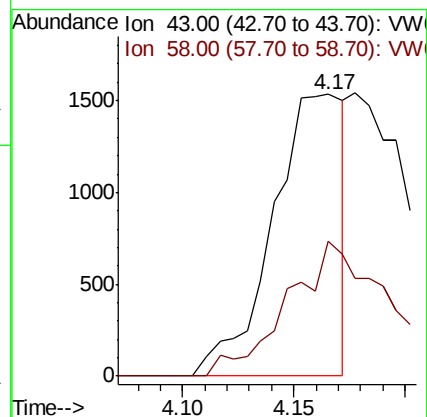
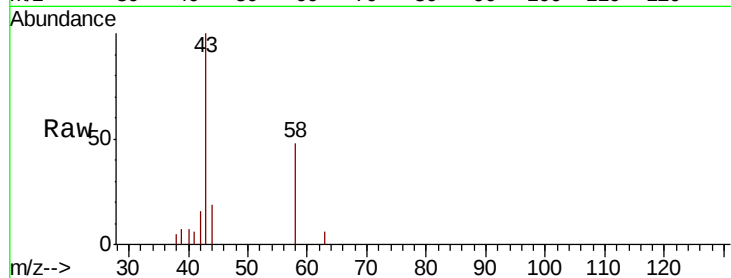
BG4F1

Tot Ion: 43 Resp: 3420

Ion Ratio Lower Upper

43 100

58 7.0 0.0 69.2



#14

Carbon disulfide

Concen: 0.386 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW017198.D

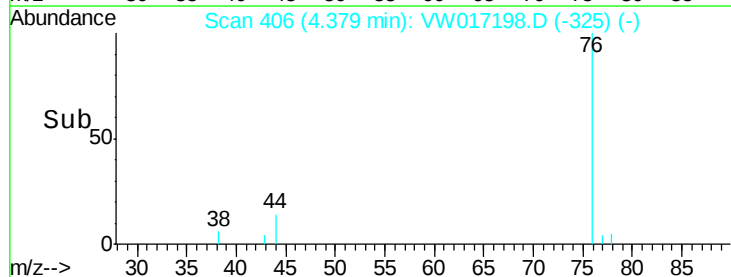
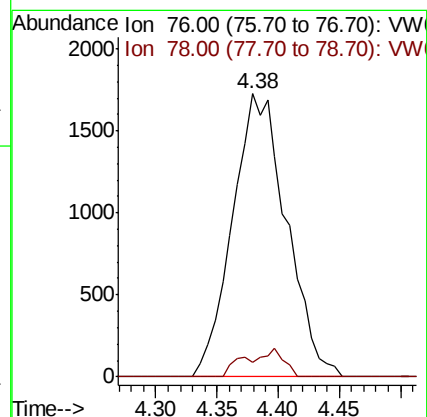
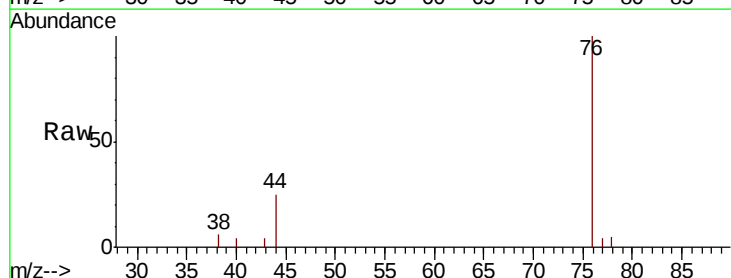
Acq: 12 Nov 2020 20:27

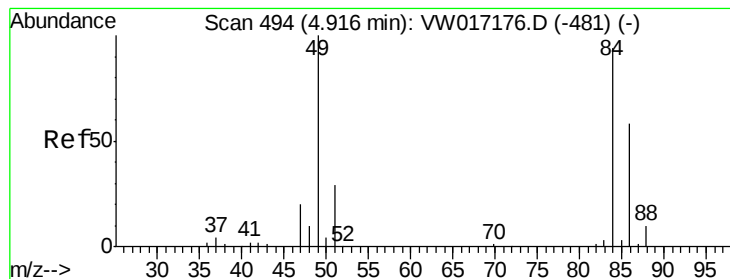
Tgt Ion: 76 Resp: 5302

Ion Ratio Lower Upper

76 100

78 5.2 7.6 11.4#





#16

Methvlene chloride

Concen: 1.382 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW017198.D

Acq: 12 Nov 2020 20:27

Instrument :

MSVOA_W

ClientSampled :

BG4F1

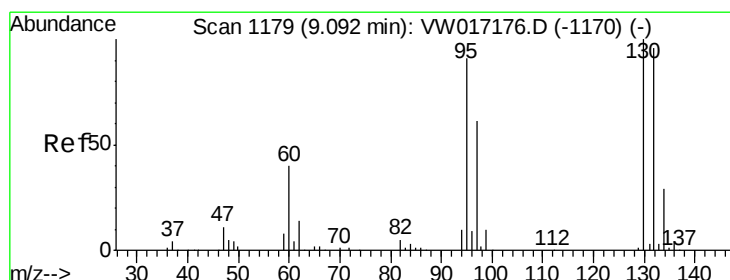
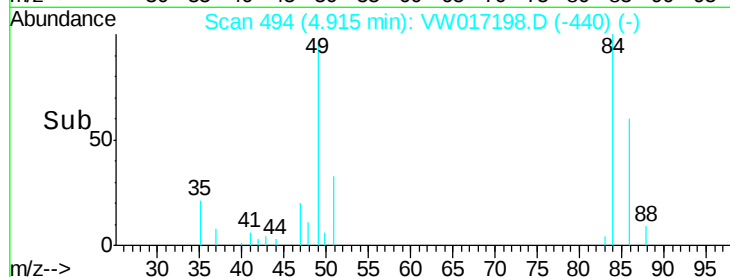
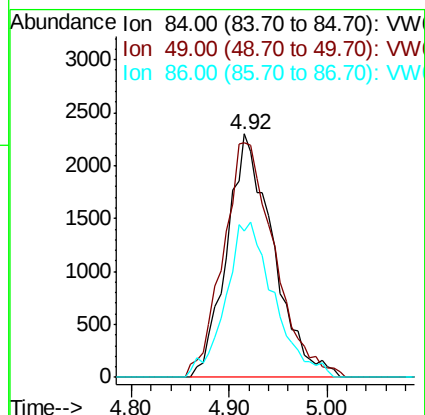
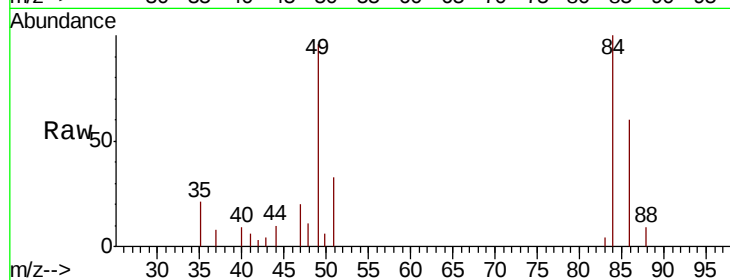
Tot Ion: 84 Resp: 7579

Ion Ratio Lower Upper

84 100

49 96.2 72.3 134.3

86 59.9 45.1 83.7



#35

Trichloroethene

Concen: 2.433 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW017198.D

Acq: 12 Nov 2020 20:27

Tgt Ion: 95 Resp: 12453

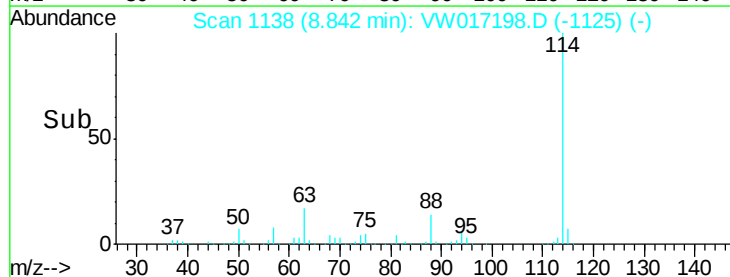
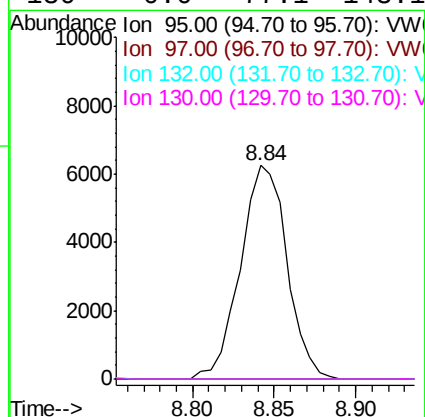
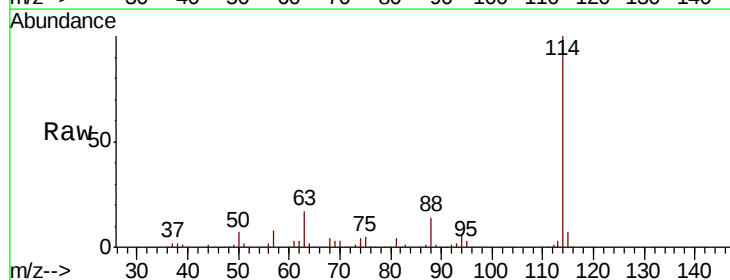
Ion Ratio Lower Upper

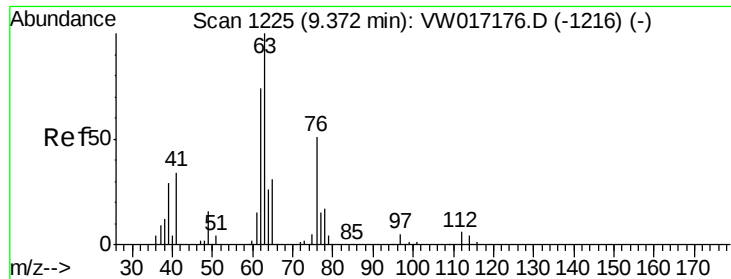
95 100

97 0.0 45.0 83.6#

132 0.4 73.7 136.9#

130 0.0 77.1 143.1#





#40

1,2-Dichloropropane

Concen: 3.466 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW017198.D

Acq: 12 Nov 2020 20:27

Instrument :

MSVOA_W

ClientSampleId :

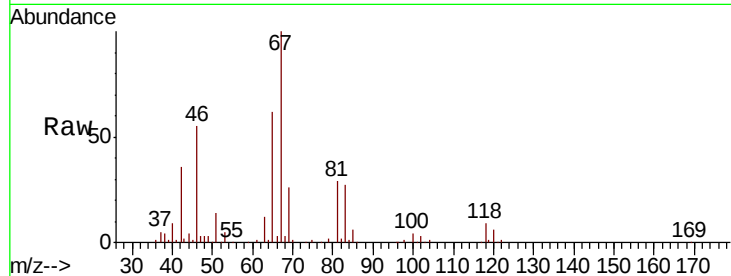
BG4F1

Tot Ion: 63 Resp: 14802

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW

9.27

8000

6000

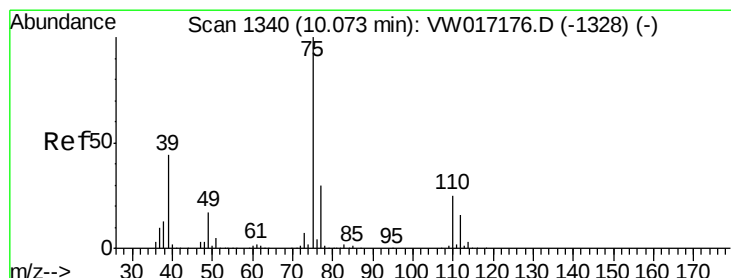
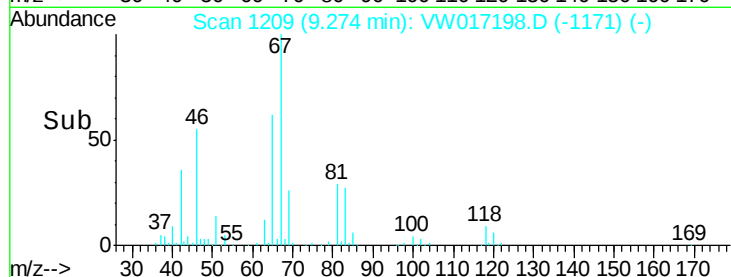
4000

2000

0

Time-->

9.20 9.25 9.30 9.35



#42

cis-1,3-Dichloropropene

Concen: 0.573 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017198.D

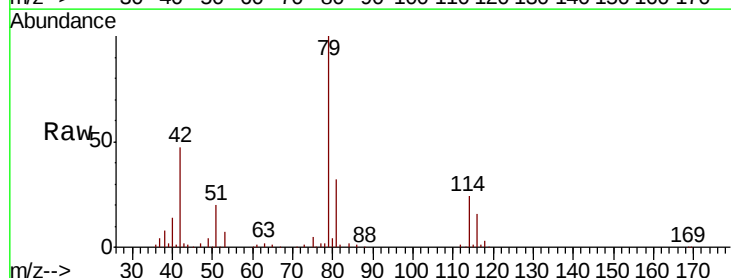
Acq: 12 Nov 2020 20:27

Tgt Ion: 75 Resp: 3877

Ion Ratio Lower Upper

75 100

77 48.1 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.04

2500

2000

1500

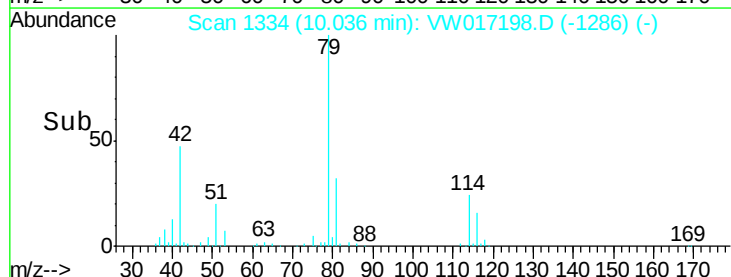
1000

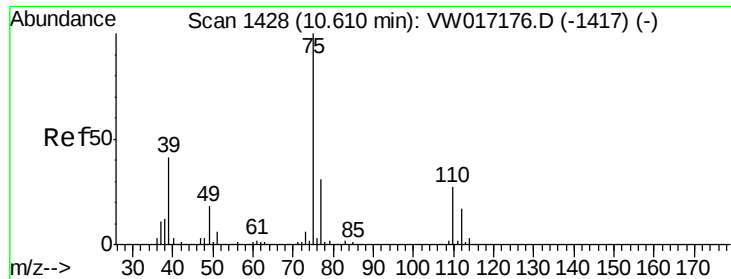
500

0

Time-->

10.00 10.05





#45

trans-1,3-Dichloropropene

Concen: 0.406 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017198.D

Acq: 12 Nov 2020 20:27

Instrument :

MSVOA_W

ClientSampled :

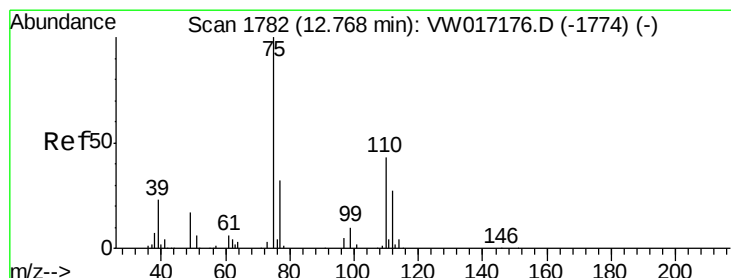
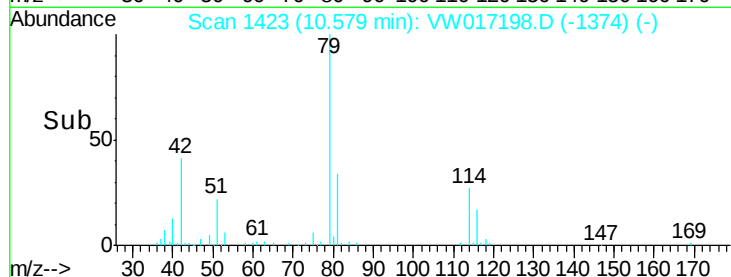
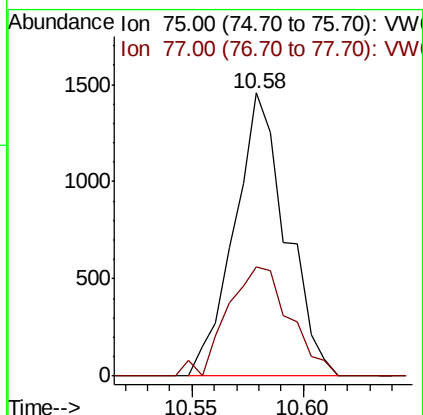
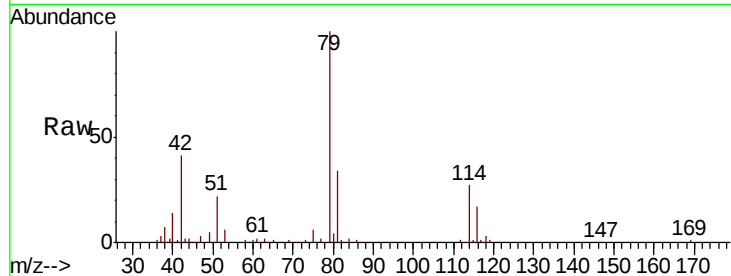
BG4F1

Tot Ion: 75 Resp: 2360

Ion Ratio Lower Upper

75 100

77 38.8 22.1 41.1



#59

1,2,3-Trichloropropane

Concen: 4.941 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017198.D

Acq: 12 Nov 2020 20:27

Tgt Ion: 75 Resp: 15107

Ion Ratio Lower Upper

75 100

77 39.2 26.4 39.6

