

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092820\
 Data File : VV018488.D
 Acq On : 28 Sep 2020 13:04
 Operator : SY/MD
 Sample : L4108-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3M1

Quant Time: Sep 29 00:52:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 29 00:50:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	383491	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	371735	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	191499	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	121212	38.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.56%
7) Chloroethane-d5	1.58	69	102330	40.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.02%
11) 1,1-Dichloroethene-d2	2.12	63	172896	30.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.32%
21) 2-Butanone-d5	3.91	46	169985	88.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.86%
24) Chloroform-d	4.38	84	216770	39.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.96%
26) 1,2-Dichloroethane-d4	5.06	65	142363	40.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.92%
32) Benzene-d6	5.08	84	450965	42.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.76%
36) 1,2-Dichloropropane-d6	6.09	67	145633	43.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.14%
41) Toluene-d8	7.34	98	408249	42.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.18%
43) trans-1,3-Dichloropropene-	7.64	79	71840	41.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.62%
47) 2-Hexanone-d5	8.11	63	105767	82.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.58%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	178384	42.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.06%
64) 1,2-Dichlorobenzene-d4	11.65	152	172960	43.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.96%

Target Compounds

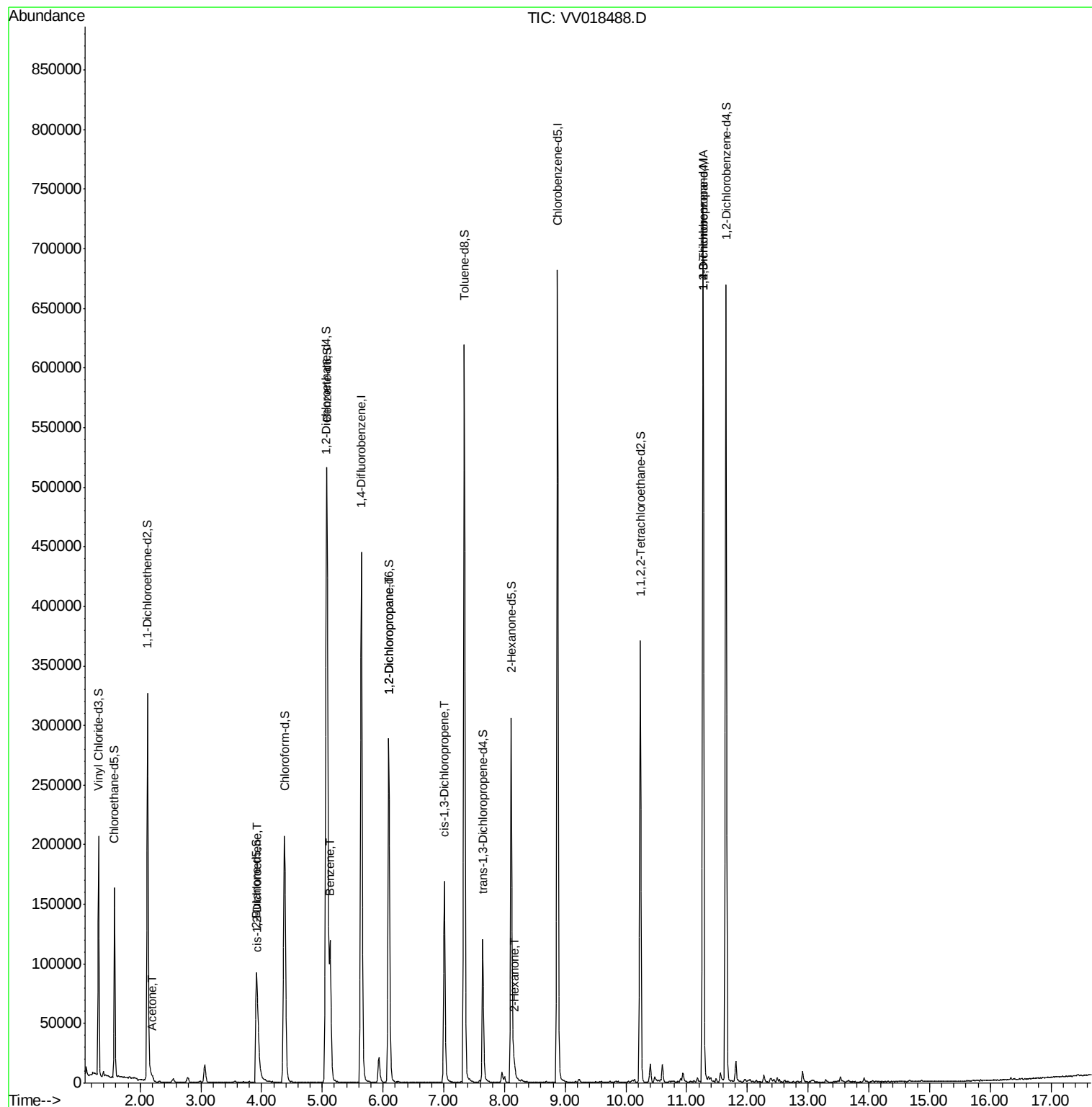
					Ovalue
13) Acetone	2.20	43	6250	4.080 ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	3909	1.409 ug/L	86
33) Benzene	5.13	78	122134	11.491 ug/L	100
37) 1,2-Dichloropropane	6.09	63	14879	5.283 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3782	0.872 ug/L #	65
48) 2-Hexanone	8.16	43	7911	2.937 ug/L #	78
59) 1,2,3-Trichloropropane	11.27	75	21094	6.368 ug/L	89

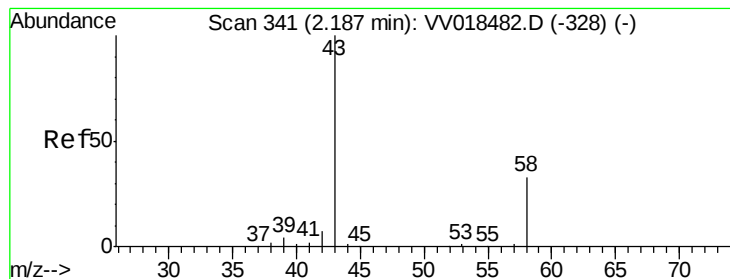
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 29 00:50:40 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.080 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

Lab File: VV018488.D

Acq: 28 Sep 2020 13:04

Instrument :

MSVOA_V

ClientSampled :

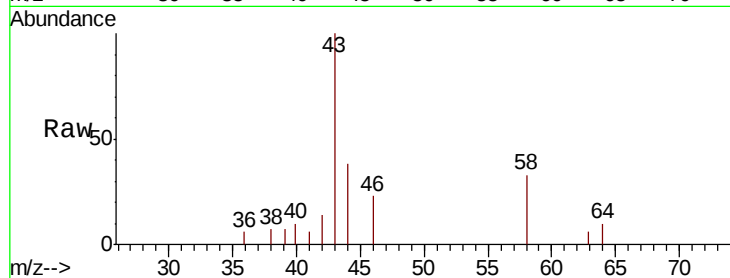
BG3M1

Tot Ion: 43 Resp: 6250

Ion Ratio Lower Upper

43 100

58 32.3 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2500

2000

1500

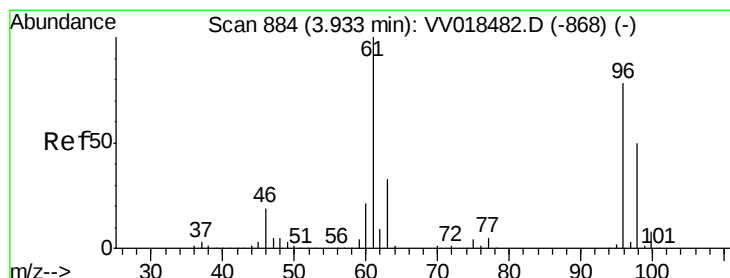
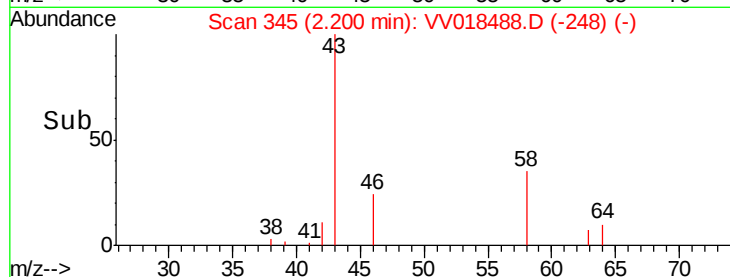
1000

500

0

Time-->

2.10 2.15 2.20 2.25 2.30



#20

cis-1,2-Dichloroethene

Concen: 1.409 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV018488.D

Acq: 28 Sep 2020 13:04

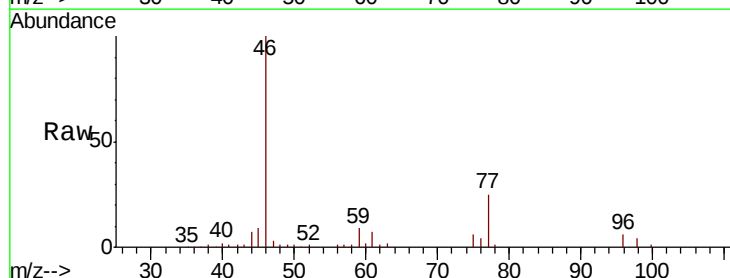
Tgt Ion: 96 Resp: 3909

Ion Ratio Lower Upper

96 100

61 117.3 93.6 173.8

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

2500

2000

1500

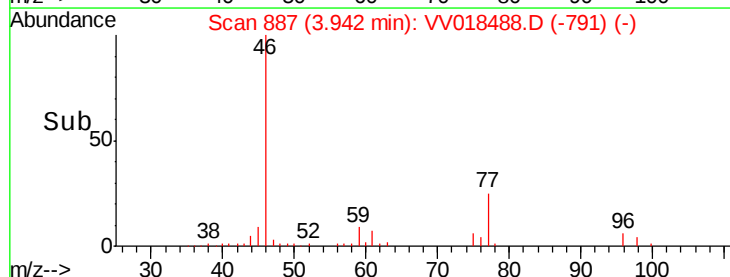
1000

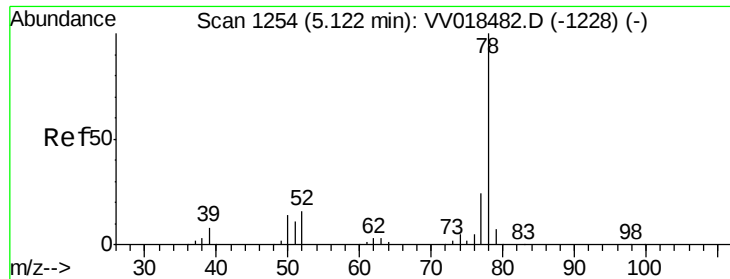
500

0

Time-->

3.90 3.95 4.00





#33

Benzene

Concen: 11.491 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VV018488.D

Acq: 28 Sep 2020 13:04

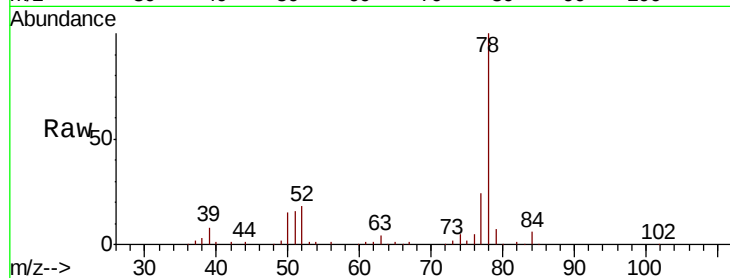
Instrument :

MSVOA_V

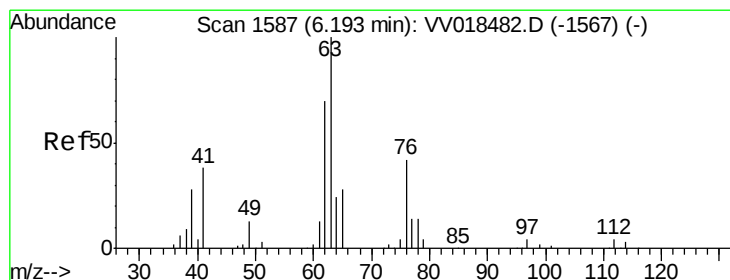
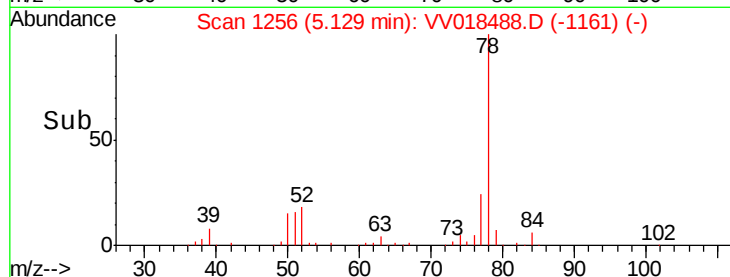
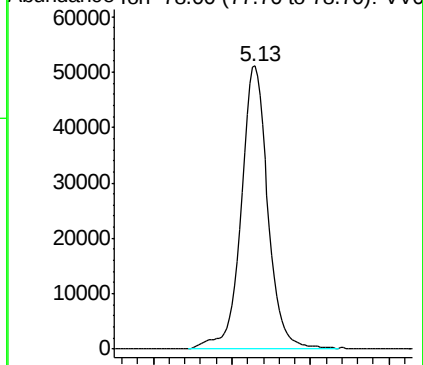
ClientSampled :

BG3M1

Tgt Ion: 78 Resp: 122134



Abundance Ion 78.00 (77.70 to 78.70): VV0



#37

1,2-Dichloropropane

Concen: 5.283 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018488.D

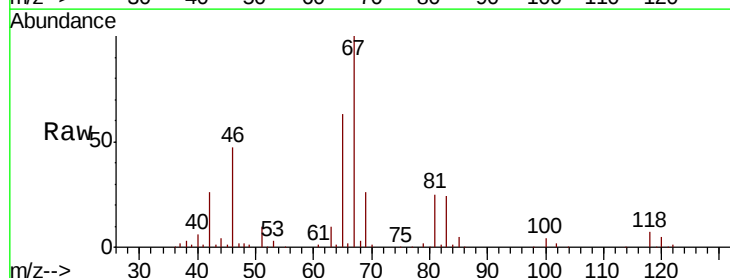
Acq: 28 Sep 2020 13:04

Tgt Ion: 63 Resp: 14879

Ion Ratio Lower Upper

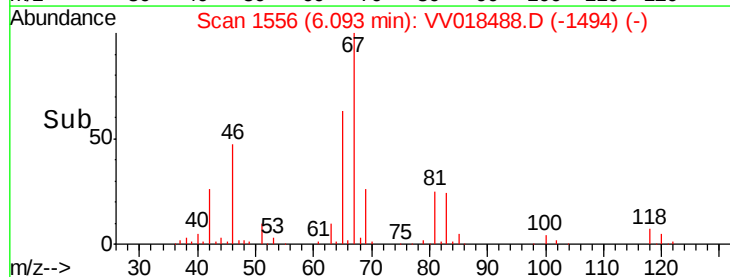
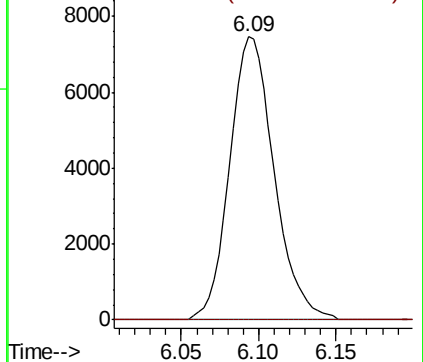
63 100

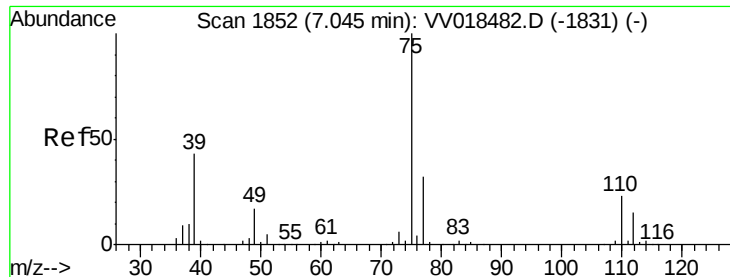
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

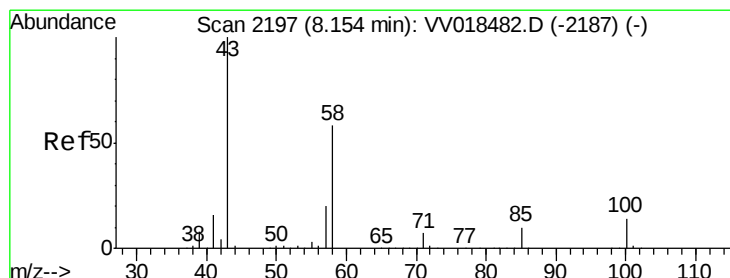
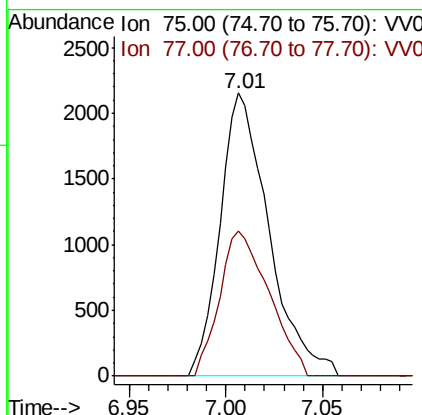
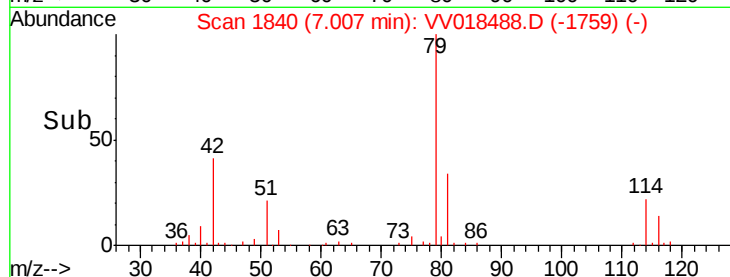
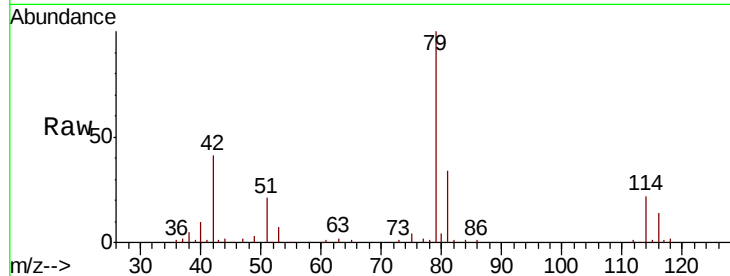




#39
 cis-1,3-Dichloropropene
 Concen: 0.872 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018488.D
 Acq: 28 Sep 2020 13:04

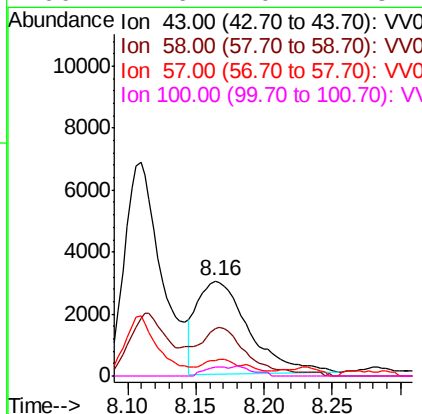
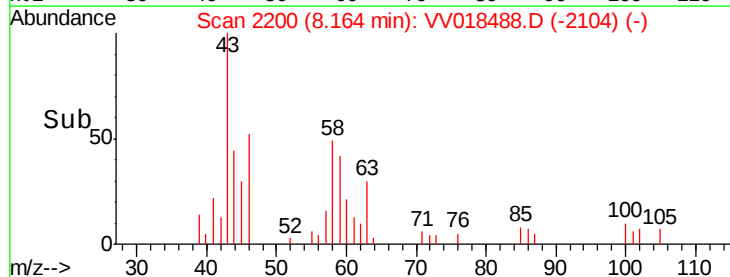
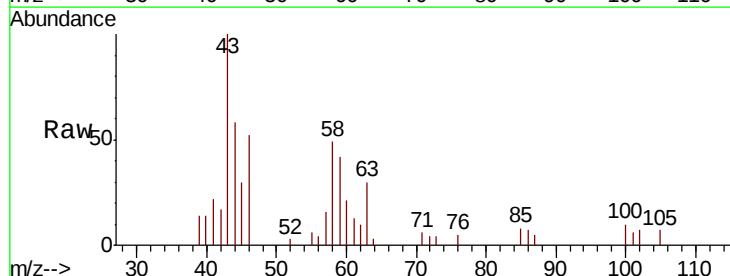
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 BG3M1

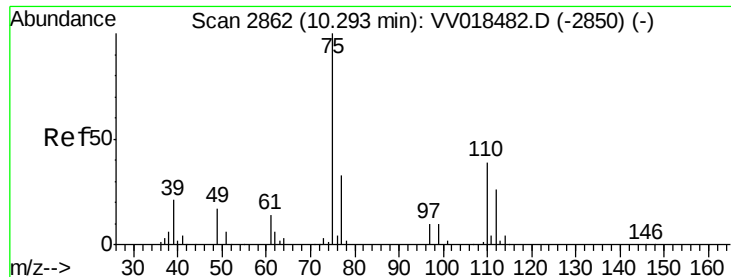
Tot Ion: 75 Resp: 3782
 Ion Ratio Lower Upper
 75 100
 77 51.3 22.3 41.3#



#48
 2-Hexanone
 Concen: 2.937 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018488.D
 Acq: 28 Sep 2020 13:04

Tgt Ion: 43 Resp: 7911
 Ion Ratio Lower Upper
 43 100
 58 42.4 44.8 67.2#
 57 5.0 15.8 23.6#
 100 4.6 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 6.368 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018488.D

Acq: 28 Sep 2020 13:04

Instrument :

MSVOA_V

ClientSampleId :

BG3M1

Tot Ion: 75 Resp: 21094

Ion Ratio Lower Upper

75 100

77 38.5 25.8 38.6

