

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082420\
 Data File : VV018079.D
 Acq On : 24 Aug 2020 10:42
 Operator : SY/MD
 Sample : VV0824MBL01
 Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK61

Quant Time: Aug 24 13:00:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 24 12:58:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	278251	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	272160	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	134840	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102239	48.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.32%
7) Chloroethane-d5	1.58	69	88126	50.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.48%
11) 1,1-Dichloroethene-d2	2.12	63	151477	37.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.60%
21) 2-Butanone-d5	3.91	46	126189	90.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.75%
24) Chloroform-d	4.37	84	183535	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.98%
26) 1,2-Dichloroethane-d4	5.05	65	125650	50.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.12%
32) Benzene-d6	5.07	84	374380	49.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.82%
36) 1,2-Dichloropropane-d6	6.09	67	121071	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.74%
41) Toluene-d8	7.33	98	332087	49.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.46%
43) trans-1,3-Dichloropropene-	7.64	79	56074	50.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.84%
47) 2-Hexanone-d5	8.11	63	65859	83.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.69%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	144595	45.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.56%
64) 1,2-Dichlorobenzene-d4	11.65	152	137056	51.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.30%

Target Compounds

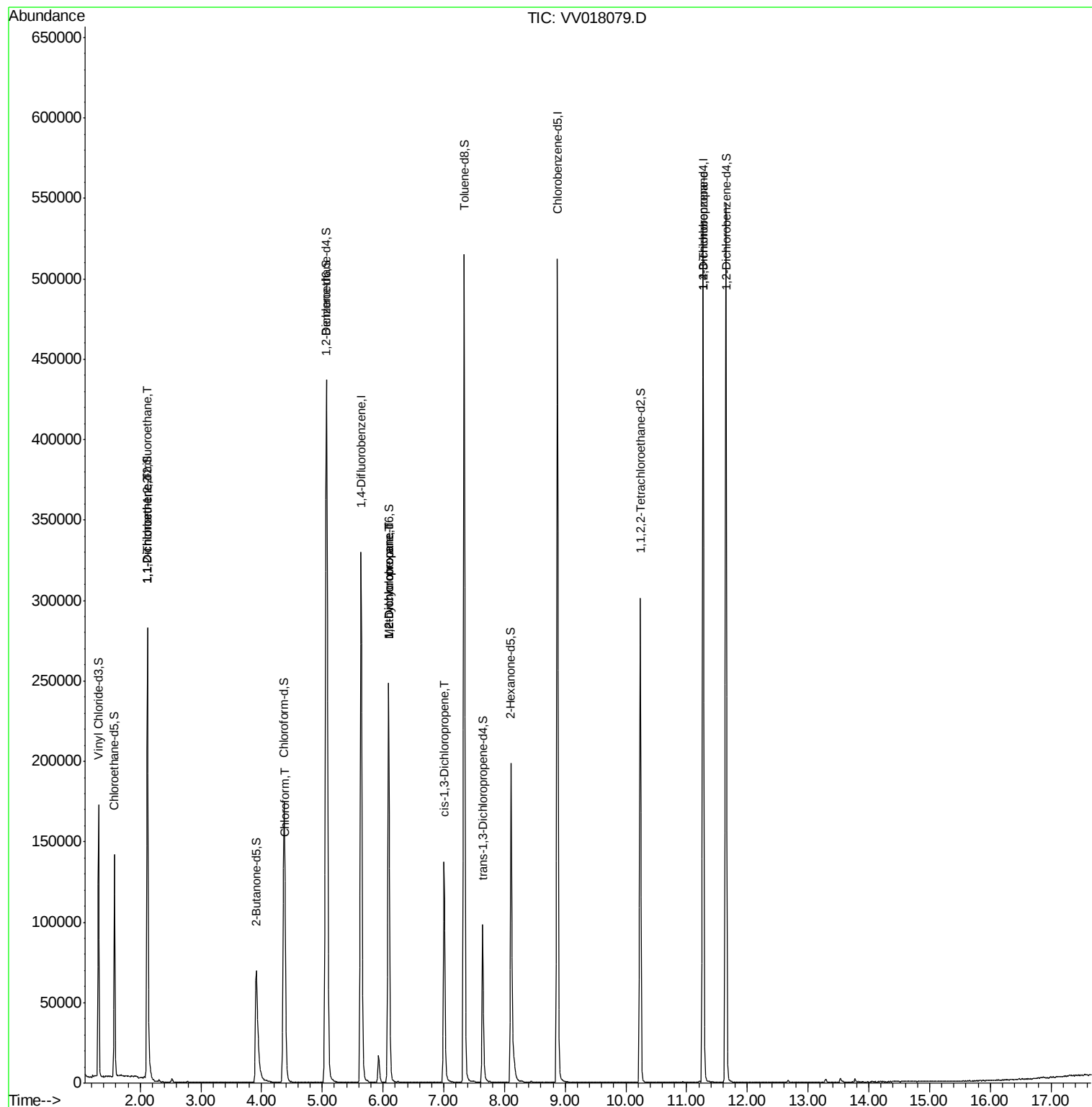
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1360	0.690 ug/L #	20
12) 1,1-Dichloroethene	2.12	96	1322	0.708 ug/L #	1
25) Chloroform	4.40	83	3069	0.780 ug/L	92
35) Methylcyclohexane	6.09	83	28883	8.727 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	13319	5.800 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3292	1.011 ug/L #	66
59) 1,2,3-Trichloropropene	11.27	75	15626	5.510 ug/L	90

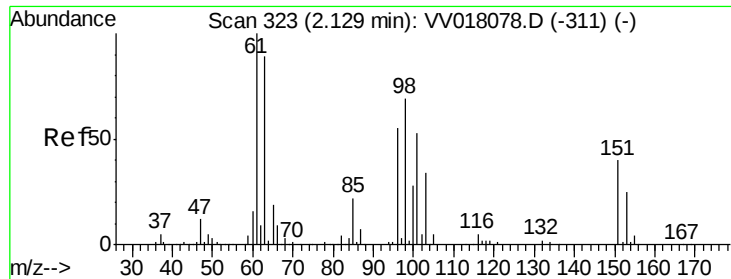
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV082420\
Data File : VV018079.D
Acq On : 24 Aug 2020 10:42
Operator : SY/MD
Sample : VV0824MBL01
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK61

Quant Time: Aug 24 13:00:59 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 24 12:58:36 2020
Response via : Initial Calibration





#10

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

Concen: 0.690 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018079.D

Acq: 24 Aug 2020 10:42

Instrument :

MSVOA_V

ClientSampleId :

VBLK61

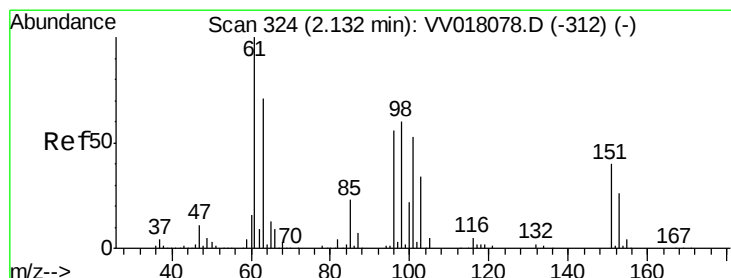
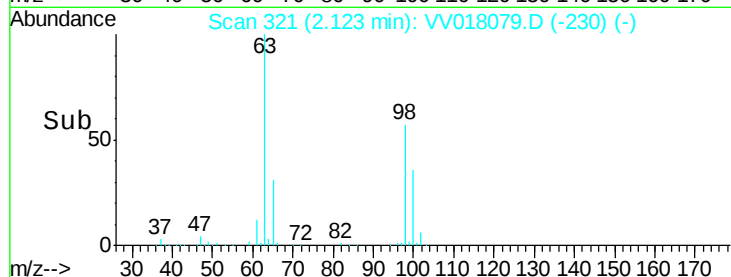
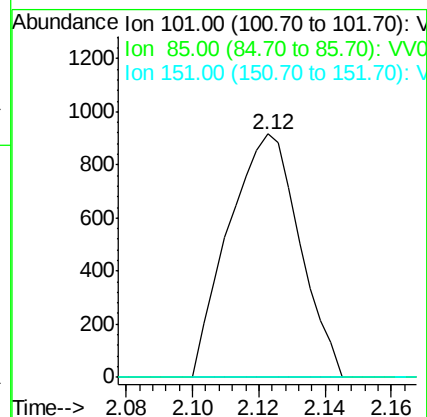
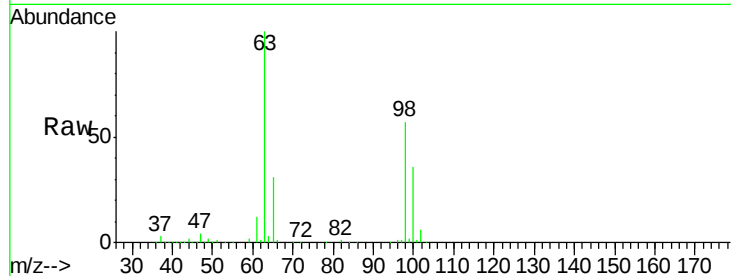
Tgt Ion: 101 Resp: 1360

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

151 0.0 59.1 88.7#



#12

1,1-Dichloroethene

Concen: 0.708 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018079.D

Acq: 24 Aug 2020 10:42

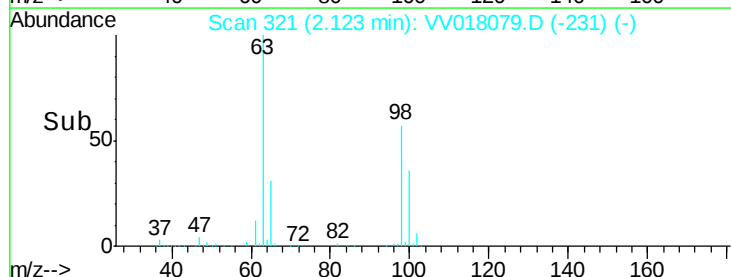
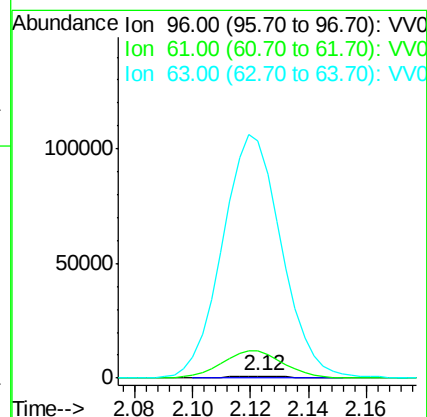
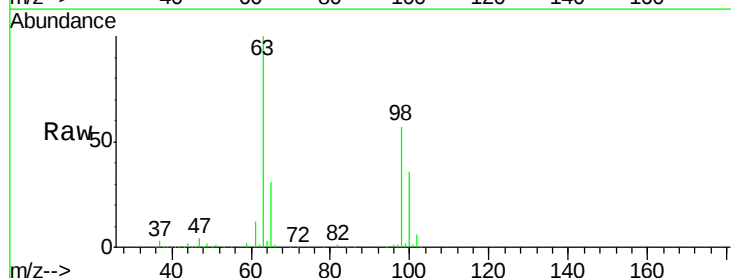
Tgt Ion: 96 Resp: 1322

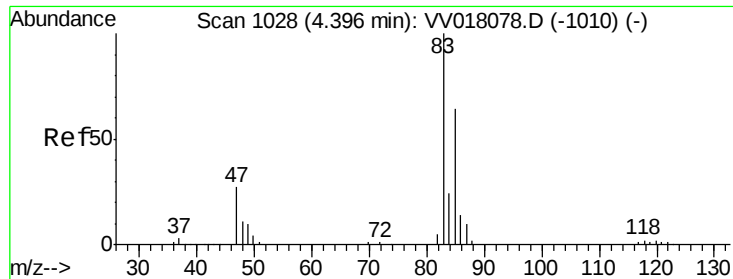
Ion Ratio Lower Upper

96 100

61 1358.1 127.1 236.0#

63 11655.1 95.2 176.8#

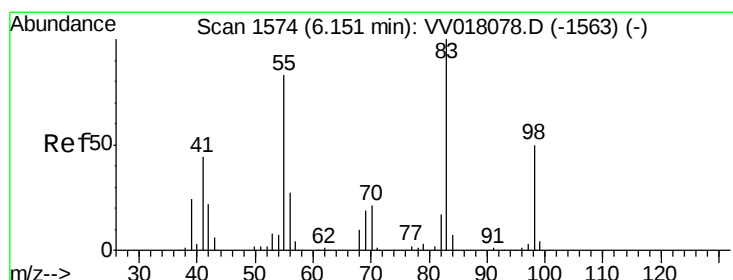
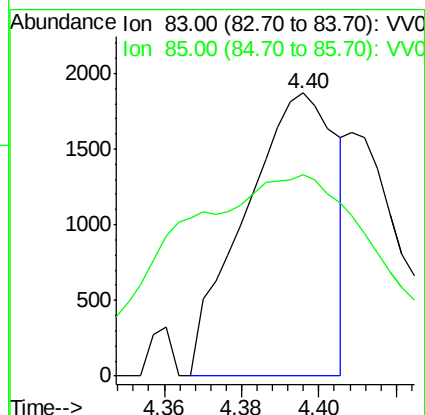
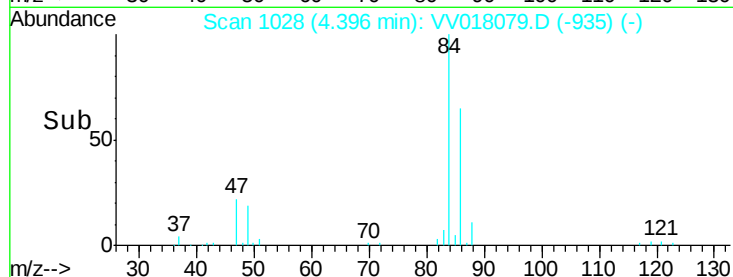
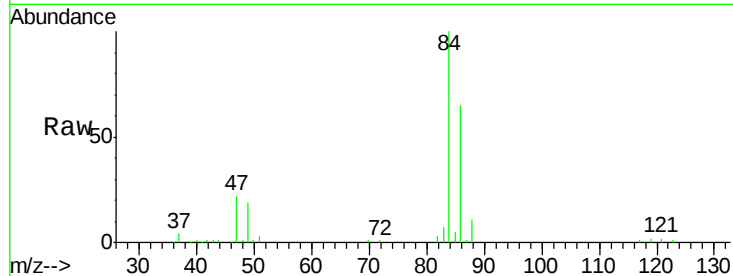




#25
Chloroform
Concen: 0.780 ug/L
RT: 4.40 min Scan# 1028
Delta R.T. 0.00 min
Lab File: VV018079.D
Acq: 24 Aug 2020 10:42

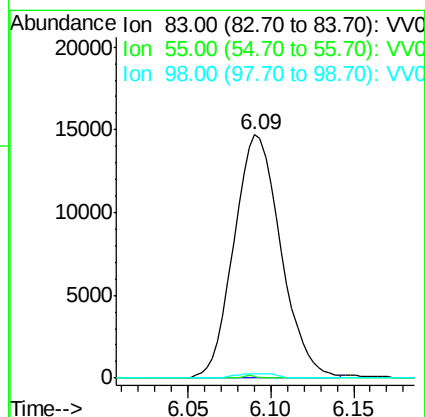
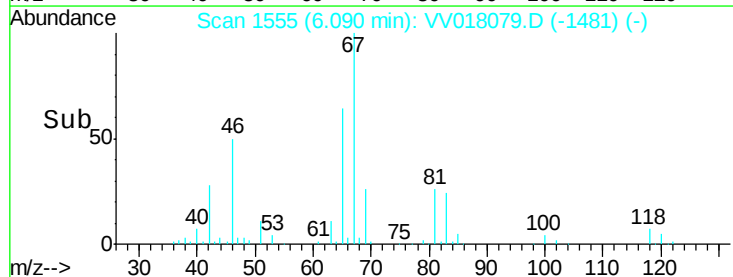
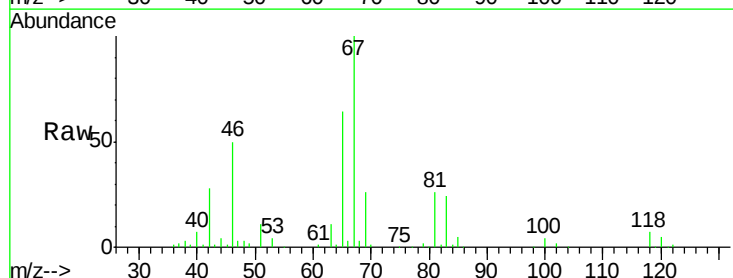
Instrument :
MSVOA_V
ClientSampled :
VBLK61

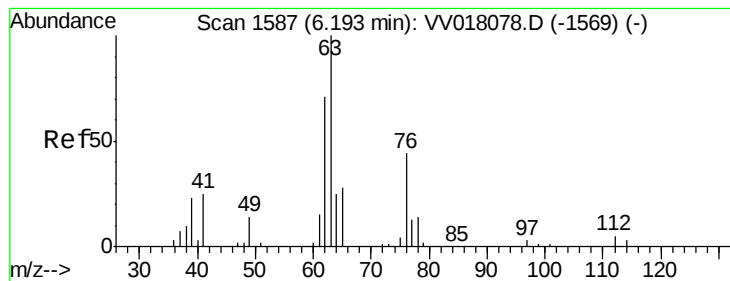
Tgt Ion: 83 Resp: 3069
Ion Ratio Lower Upper
83 100
85 71.2 45.5 84.5



#35
Methylcyclohexane
Concen: 8.727 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.06 min
Lab File: VV018079.D
Acq: 24 Aug 2020 10:42

Tgt Ion: 83 Resp: 28883
Ion Ratio Lower Upper
83 100
55 0.3 64.9 97.3#
98 1.5 38.7 58.1#





#37

1,2-Dichloropropane

Concen: 5.800 ug/L

RT: 6.09 min Scan# 1555

Delta R.T. -0.10 min

Lab File: VV018079.D

Acq: 24 Aug 2020 10:42

Instrument :

MSVOA_V

ClientSampleId :

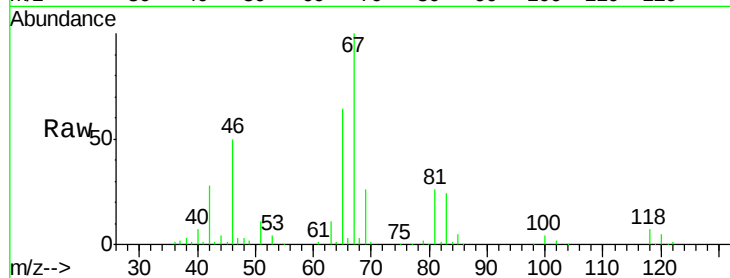
VBLK61

Tgt Ion: 63 Resp: 13319

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VV018078.D (-1569) (-)

Ion 112.00 (111.70 to 112.70): VV018078.D (-1569) (-)

6.09

6000

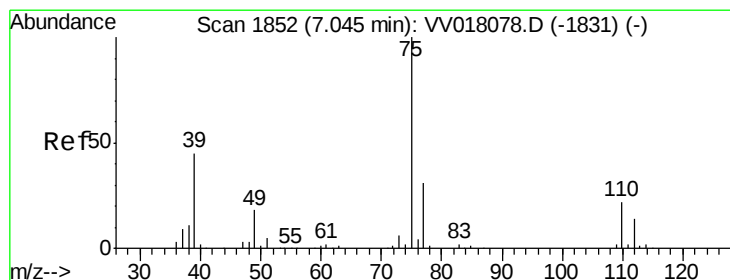
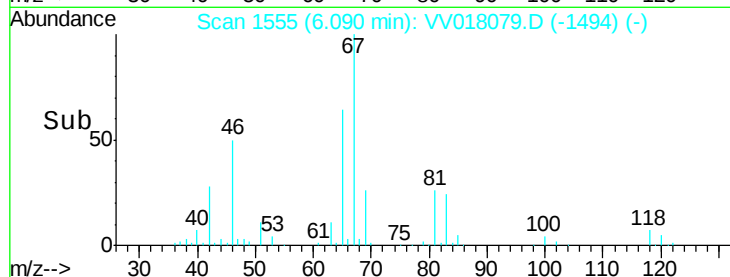
4000

2000

0

6.05 6.10 6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 1.011 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018079.D

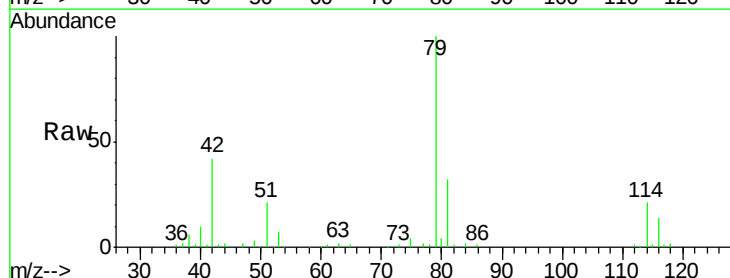
Acq: 24 Aug 2020 10:42

Tgt Ion: 75 Resp: 3292

Ion Ratio Lower Upper

75 100

77 51.0 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VV018078.D (-1831) (-)

Ion 77.00 (76.70 to 77.70): VV018078.D (-1831) (-)

7.01

2000

1500

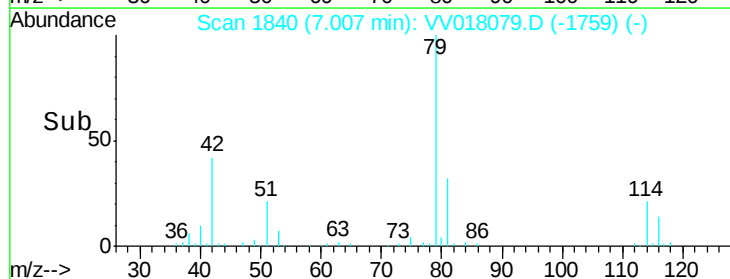
1000

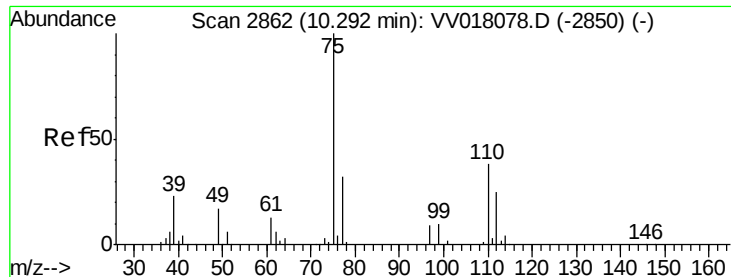
500

0

7.00 7.05

Time-->





#59

1,2,3-Trichloropropane

Concen: 5.510 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018079.D

Acq: 24 Aug 2020 10:42

Instrument :

MSVOA_V

ClientSampleId :

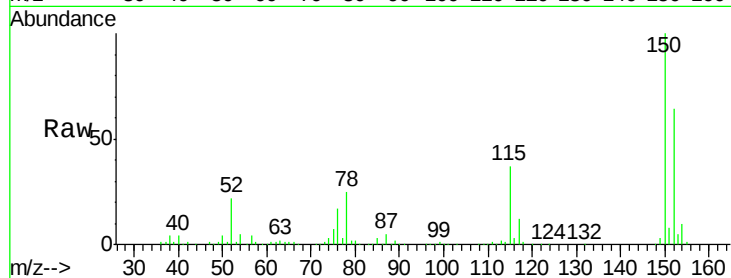
VBLK61

Tgt Ion: 75 Resp: 15626

Ion Ratio Lower Upper

75 100

77 37.9 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

