

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
 Data File : VV017070.D
 Acq On : 24 Jun 2020 14:30
 Operator : SY/MD
 Sample : VV0624WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK52

Quant Time: Jun 25 01:18:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 01:16:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	176864	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	171063	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	82215	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42877	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.58	69	35904	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.13	63	66645	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	3.95	46	128024	47.32	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.64%
24) Chloroform-d	4.38	84	109718	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.06	65	59144	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.08	84	209843	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.10	67	62053	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.34	98	188697	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
45) trans-1,3-Dichloropropene-	7.64	79	24323	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
48) 2-Hexanone-d5	8.11	63	95051	45.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.16%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	44800	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	74567	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

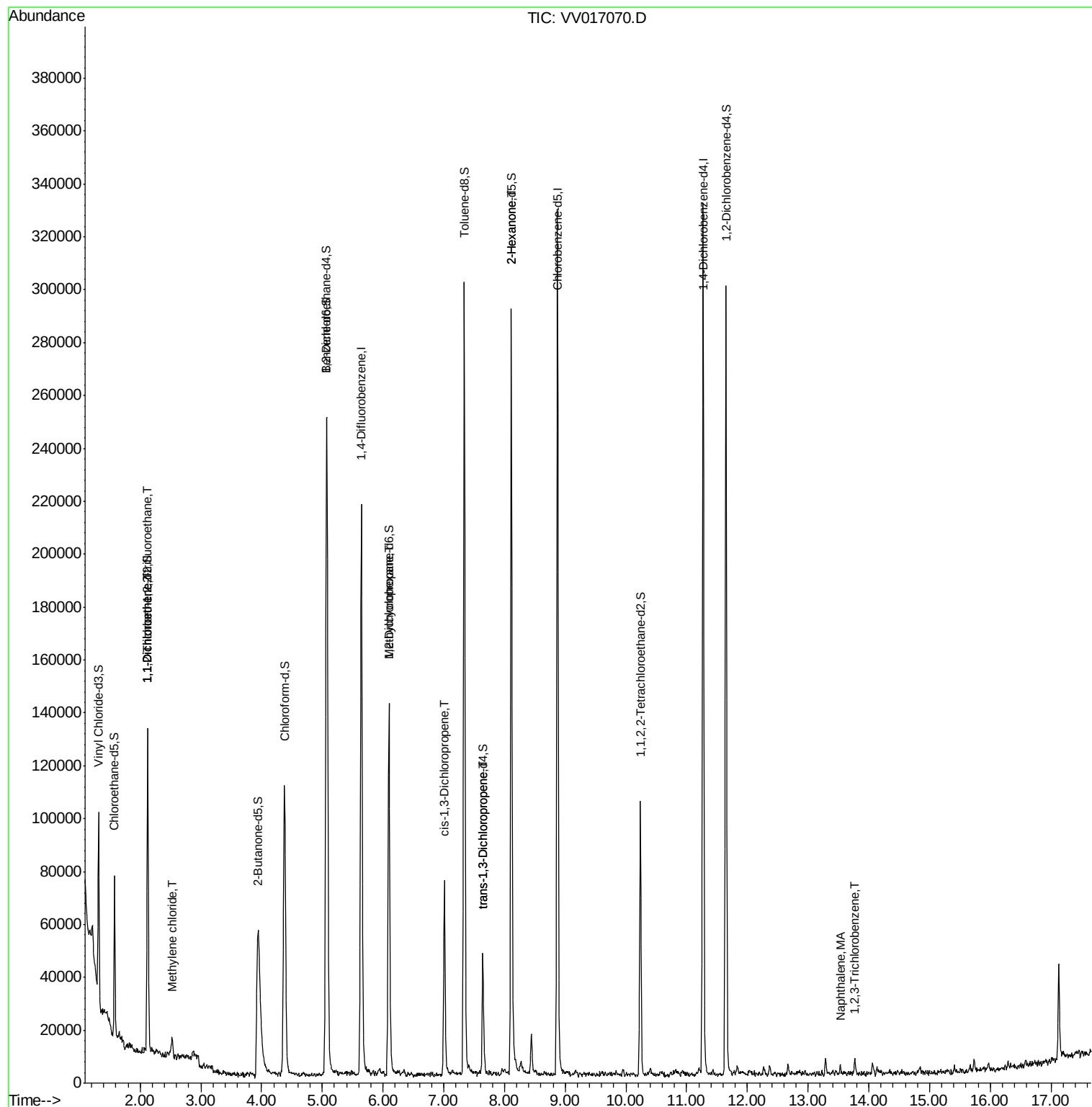
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	687	0.073 ug/L #	22
12) 1,1-Dichloroethene	2.13	96	600	0.071 ug/L #	1
16) Methylene chloride	2.52	84	2705	0.298 ug/L	94
35) Methylcyclohexane	6.10	83	16381	0.803 ug/L #	18
39) cis-1,3-Dichloropropene	7.01	75	2269	0.138 ug/L	93
46) trans-1,3-Dichloropropene	7.64	75	1412	0.099 ug/L #	75
50) 2-Hexanone	8.11	43	11857	2.602 ug/L #	70
70) Naphthalene	13.53	128	2521	0.109 ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	1311	0.098 ug/L	95

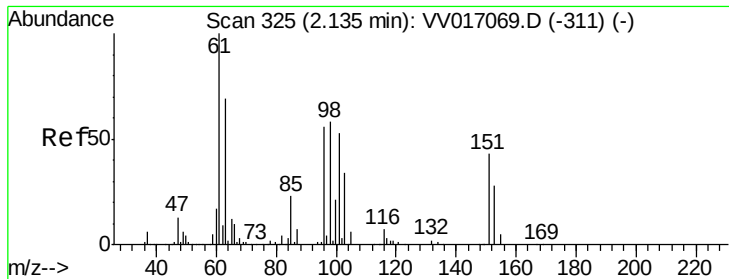
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 25 01:16:55 2020
Response via : Initial Calibration





#10

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

Concen: 0.073 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017070.D

Acq: 24 Jun 2020 14:30

Instrument :

MSVOA_V

ClientSampleId :

VBLK52

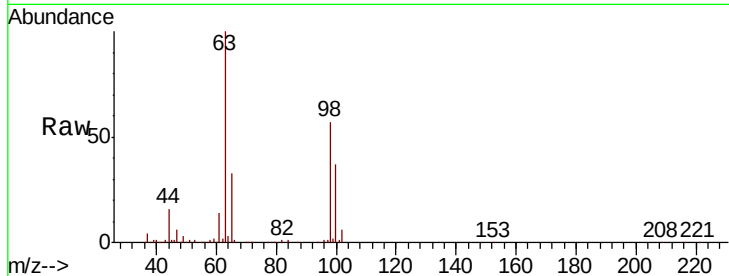
Tot Ion:101 Resp: 687

Ion Ratio Lower Upper

101 100

85 9.3 35.4 53.2#

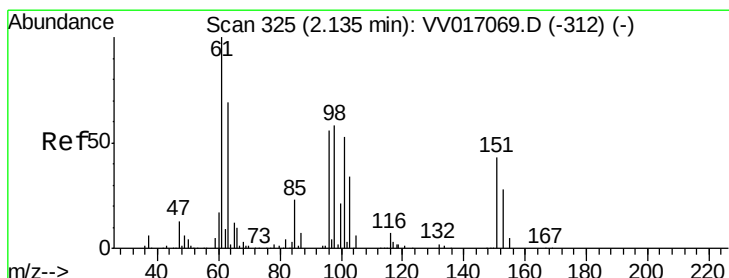
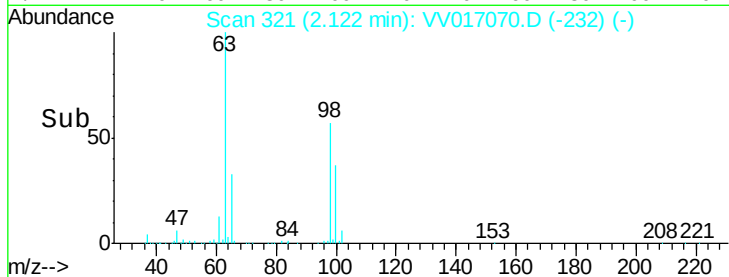
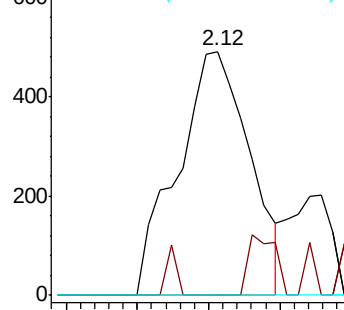
151 0.0 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.071 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017070.D

Acq: 24 Jun 2020 14:30

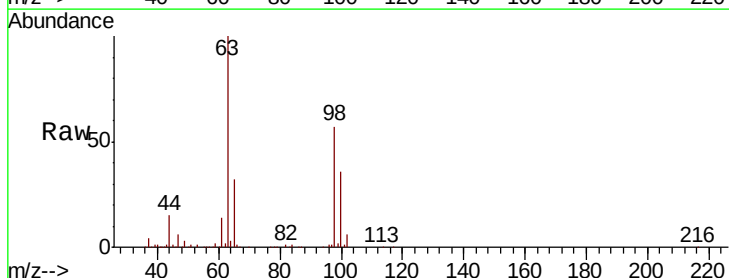
Tgt Ion: 96 Resp: 600

Ion Ratio Lower Upper

96 100

61 1377.9 125.0 232.2#

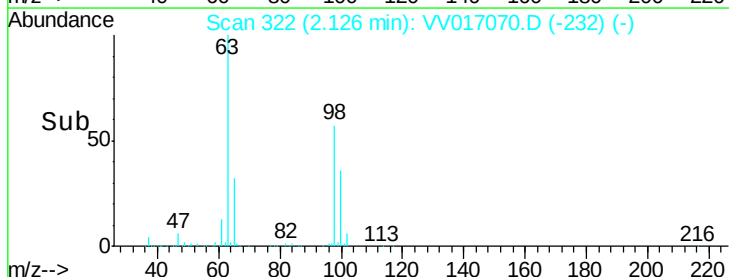
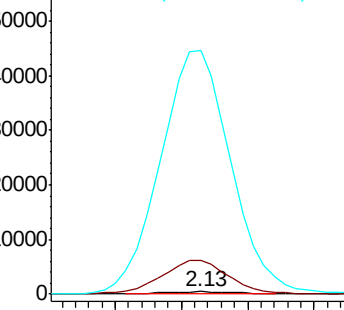
63 9953.6 109.8 203.8#

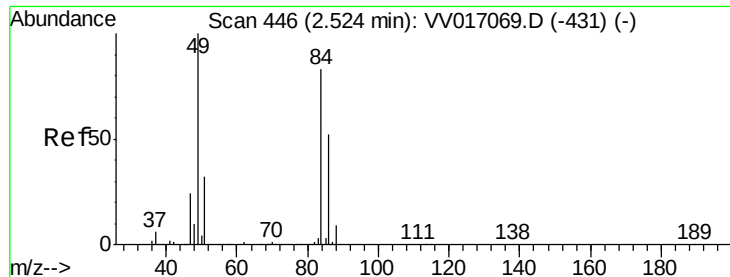


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

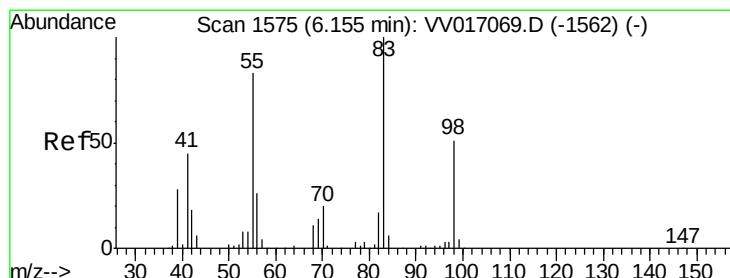
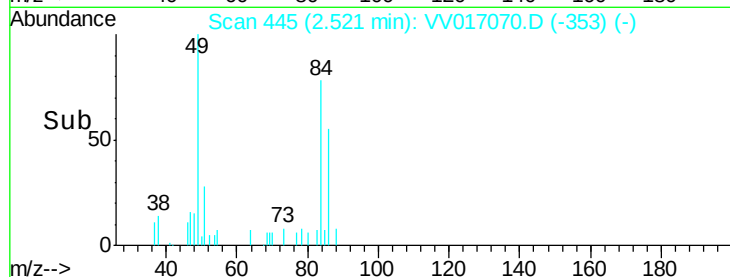
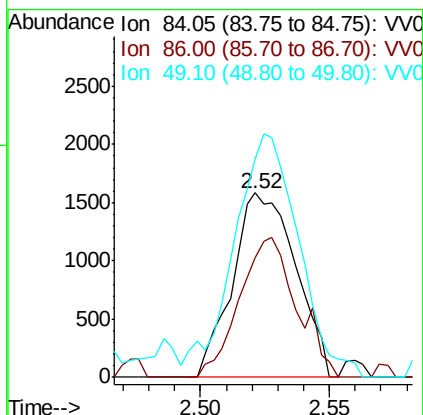
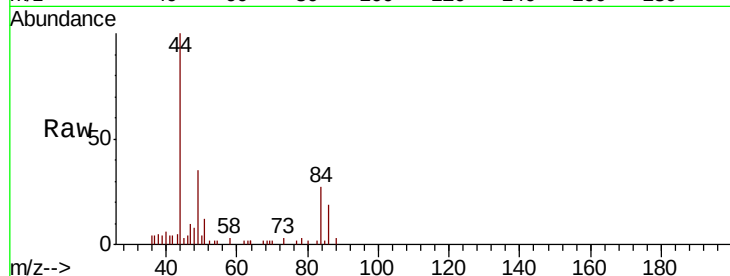




#16
Methylene chloride
Concen: 0.298 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.00 min
Lab File: VV017070.D
Acq: 24 Jun 2020 14:30

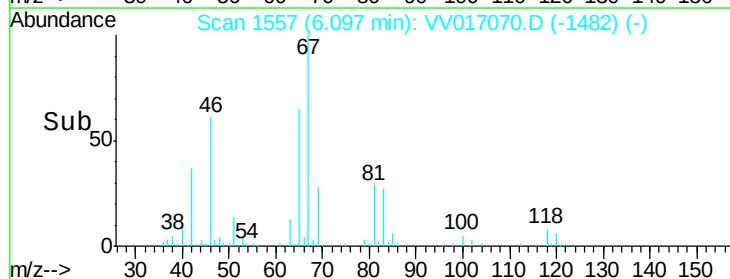
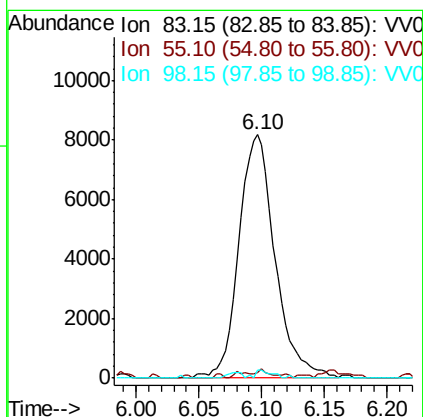
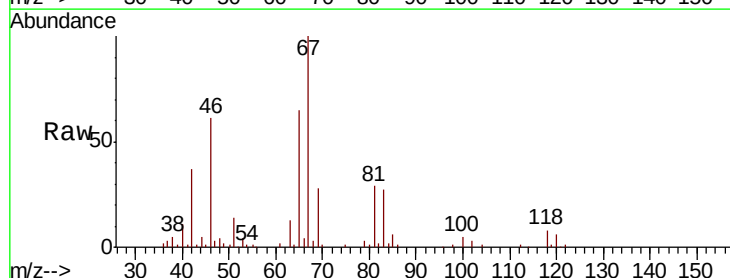
Instrument :
MSVOA_V
ClientSampled :
VBLK52

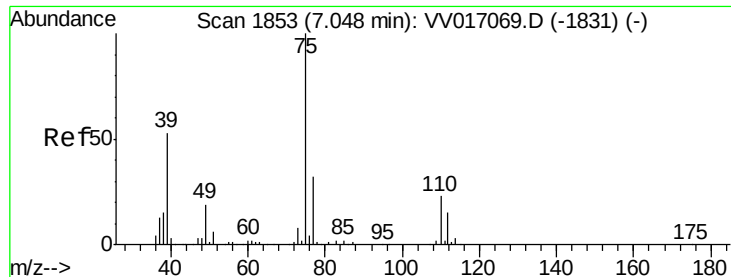
Tot Ion: 84 Resp: 2705
Ion Ratio Lower Upper
84 100
86 64.8 45.8 85.0
49 118.6 89.6 166.4



#35
Methylcyclohexane
Concen: 0.803 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV017070.D
Acq: 24 Jun 2020 14:30

Tgt Ion: 83 Resp: 16381
Ion Ratio Lower Upper
83 100
55 1.2 63.6 95.4#
98 1.5 38.8 58.2#





#39

cis-1,3-Dichloropropene

Concen: 0.138 ug/L

RT: 7.01 min Scan# 1842

Delta R.T. -0.04 min

Lab File: VV017070.D

Acq: 24 Jun 2020 14:30

Instrument :

MSVOA_V

ClientSampled :

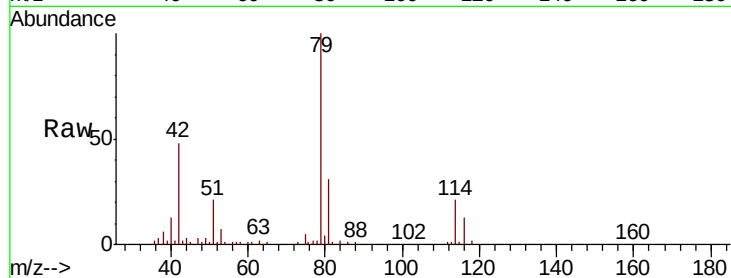
VBLK52

Tot Ion: 75 Resp: 2269

Ion Ratio Lower Upper

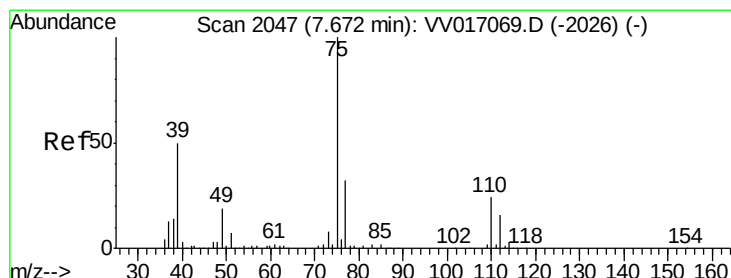
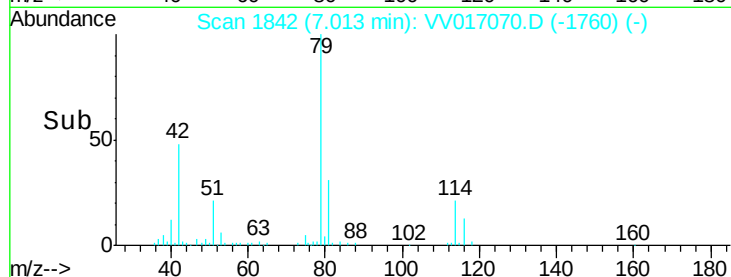
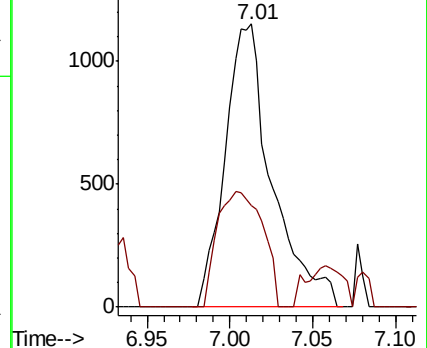
75 100

77 35.9 22.3 41.5



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#46

trans-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV017070.D

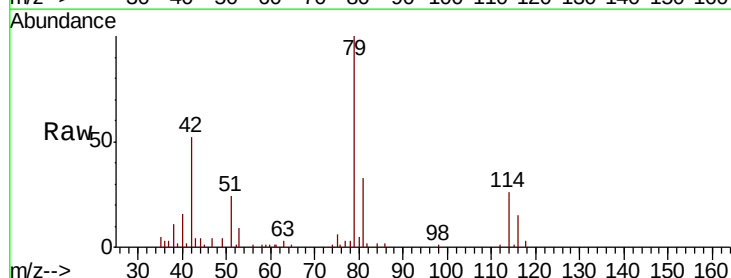
Acq: 24 Jun 2020 14:30

Tgt Ion: 75 Resp: 1412

Ion Ratio Lower Upper

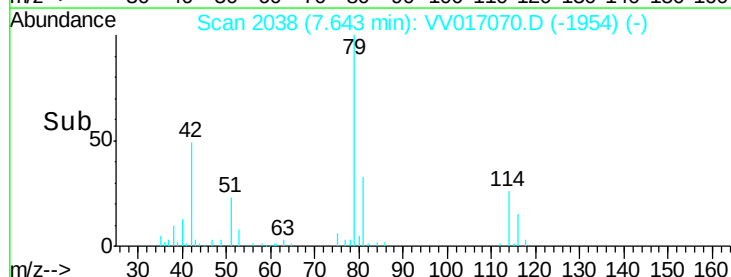
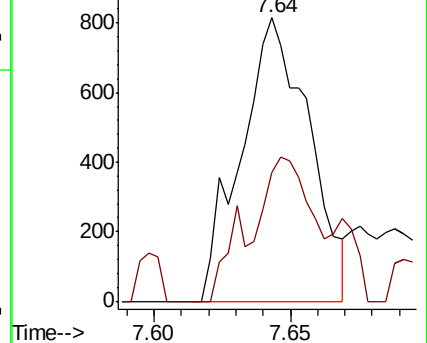
75 100

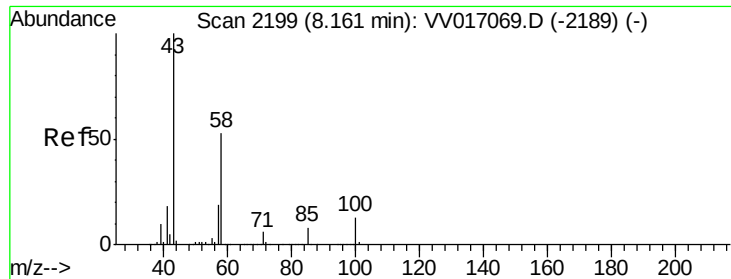
77 45.5 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

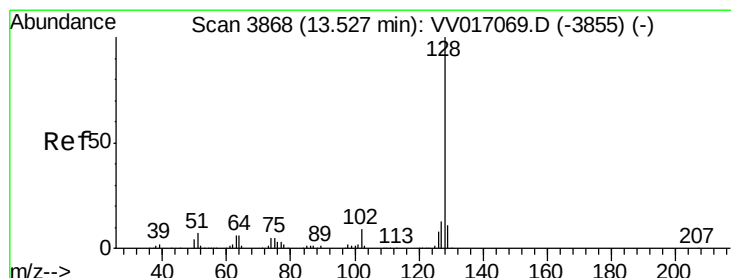
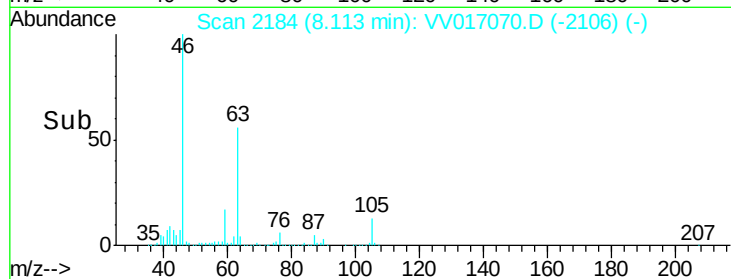
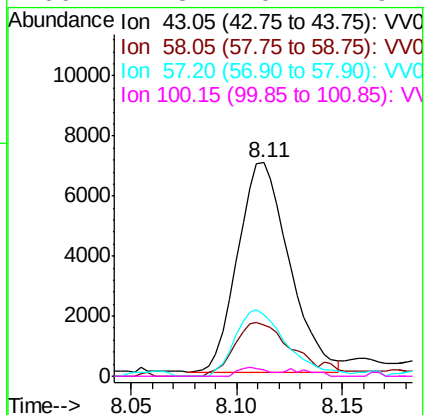
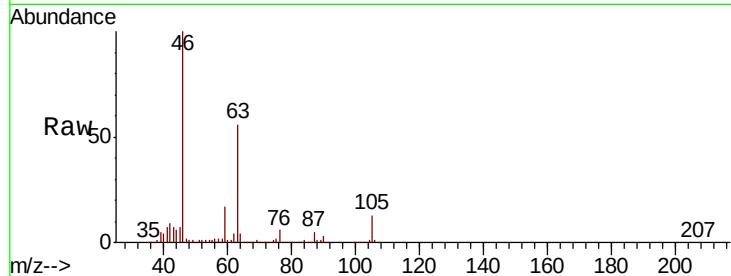




#50
2-Hexanone
Concen: 2.602 ug/L
RT: 8.11 min Scan# 2184
Delta R.T. -0.05 min
Lab File: VV017070.D
Acq: 24 Jun 2020 14:30

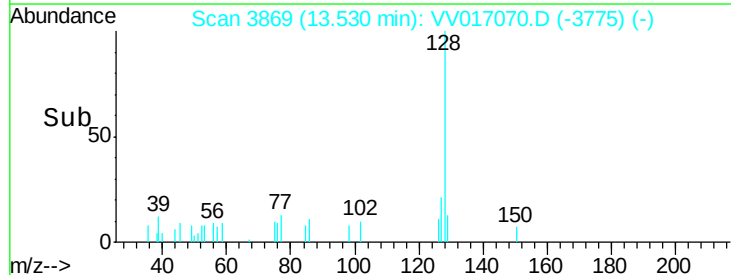
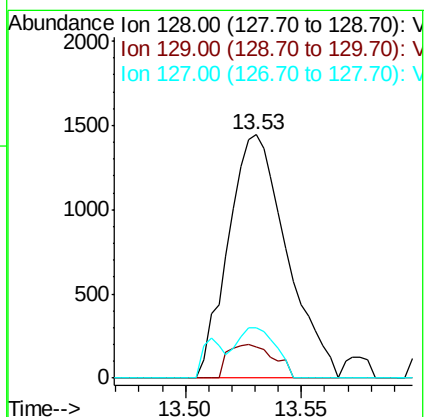
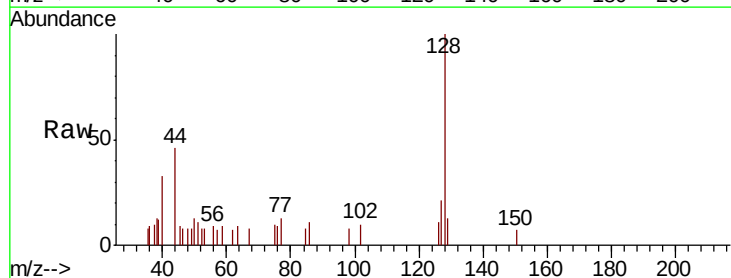
Instrument :
MSVOA_V
ClientSampled :
VBLK52

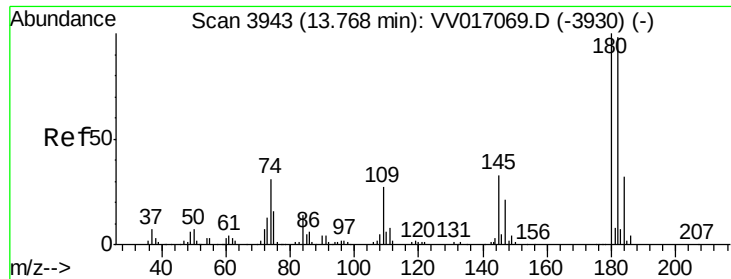
Tot Ion:	43	Resp:	11857
Ion	Ratio	Lower	Upper
43	100		
58	29.8	41.6	62.4#
57	31.6	15.4	23.0#
100	2.3	10.1	15.1#



#70
Naphthalene
Concen: 0.109 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.00 min
Lab File: VV017070.D
Acq: 24 Jun 2020 14:30

Tgt Ion:	128	Resp:	2521
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.9	10.5	15.7

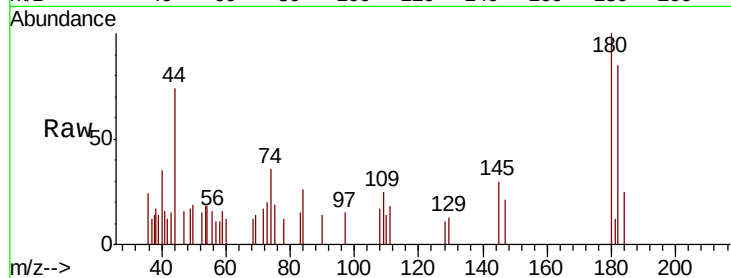




#71
 1,2,3-Trichlorobenzene
 Concen: 0.098 ug/L
 RT: 13.77 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VV017070.D
 Acq: 24 Jun 2020 14:30

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK52

Tot Ion:180 Resp: 1311
 Ion Ratio Lower Upper
 180 100
 182 93.7 77.4 116.0
 145 37.5 25.9 38.9



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

