

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
 Data File : VV017300.D
 Acq On : 02 Jul 2020 10:51
 Operator : SY/MD
 Sample : VV0702WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK59

Quant Time: Jul 03 01:15:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 03 01:13:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	172305	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	167914	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	75019	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45736	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.58	69	37411	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.12	63	74166	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	3.95	46	100960	38.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.62%
24) Chloroform-d	4.37	84	105194	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.06	65	57054	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.07	84	195991	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.09	67	55080	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.40%
41) Toluene-d8	7.33	98	169608	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
45) trans-1,3-Dichloropropene-	7.64	79	21129	3.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.80%
48) 2-Hexanone-d5	8.11	63	66476	32.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.24%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	37046	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	65218	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

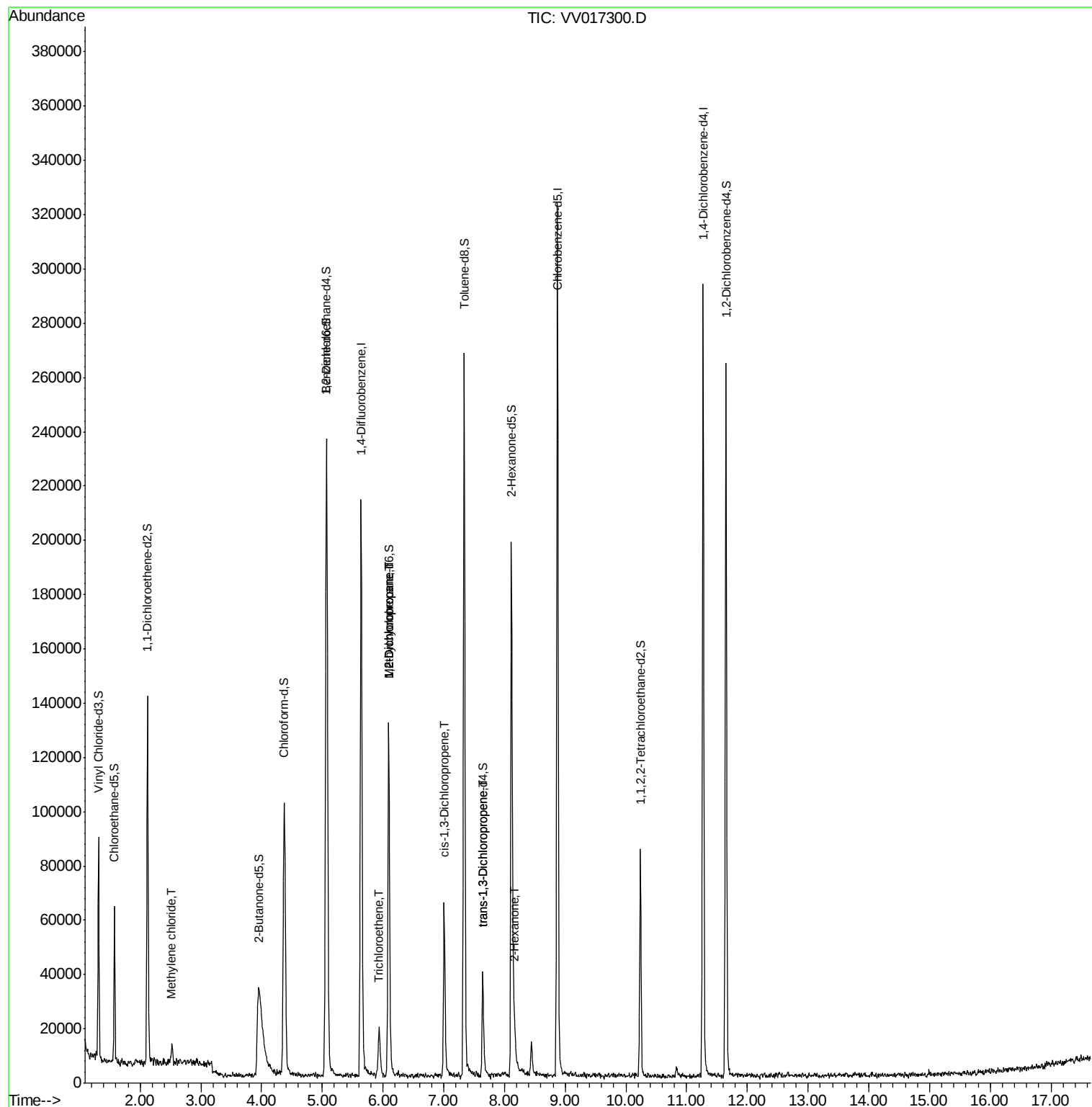
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	2.52	84	3061	0.346	ug/L	82
34) Trichloroethene	5.94	95	4619	0.359	ug/L	99
35) Methylcyclohexane	6.09	83	14909	0.745	ug/L #	18
37) 1,2-Dichloropropane	6.09	63	7364	0.677	ug/L #	84
39) cis-1,3-Dichloropropene	7.01	75	1796	0.111	ug/L #	48
46) trans-1,3-Dichloropropene	7.64	75	1403	0.100	ug/L	98
50) 2-Hexanone	8.17	43	6555	1.466	ug/L #	86

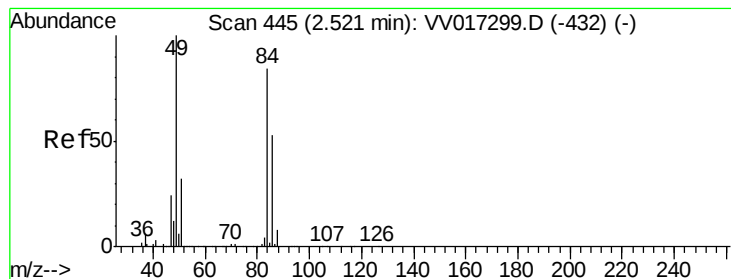
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 03 01:13:36 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.346 ug/L

RT: 2.52 min Scan# 444

Delta R.T. -0.00 min

Lab File: VV017300.D

Acq: 02 Jul 2020 10:51

Instrument :

MSVOA_V

ClientSampled :

VBLK59

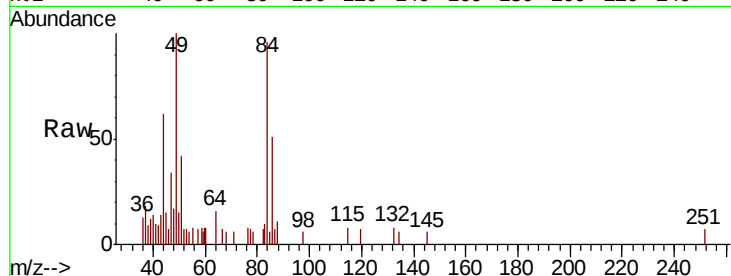
Tot Ion: 84 Resp: 3061

Ion Ratio Lower Upper

84 100

86 53.6 45.8 85.0

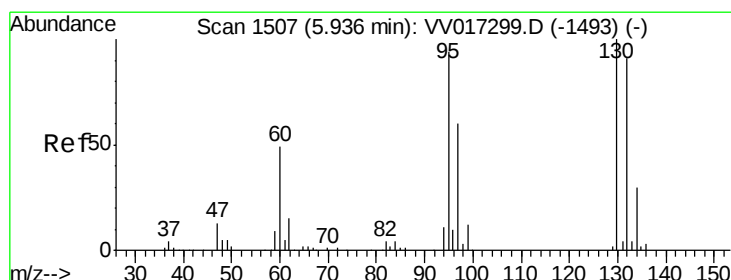
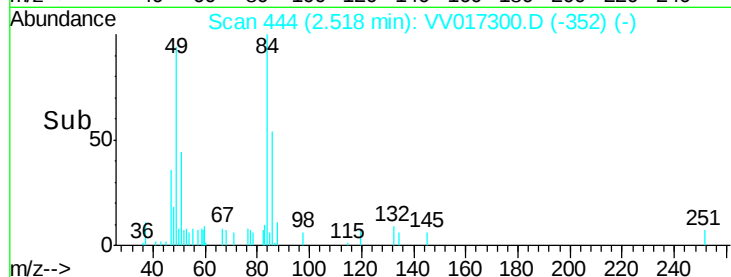
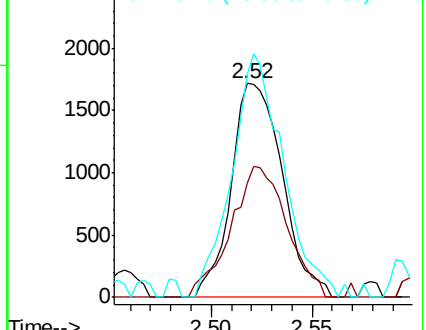
49 104.6 89.6 166.4



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0



#34

Trichloroethene

Concen: 0.359 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017300.D

Acq: 02 Jul 2020 10:51

Tgt Ion: 95 Resp: 4619

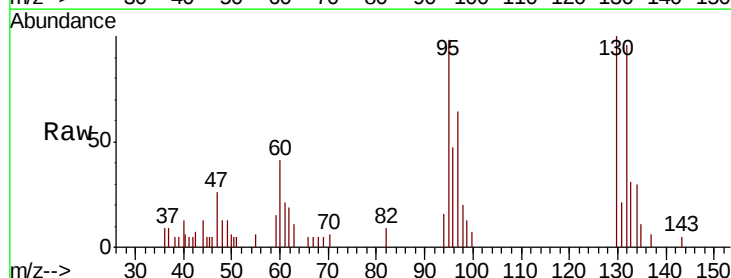
Ion Ratio Lower Upper

95 100

97 65.1 45.3 84.1

132 98.5 68.8 127.8

130 102.2 70.2 130.4

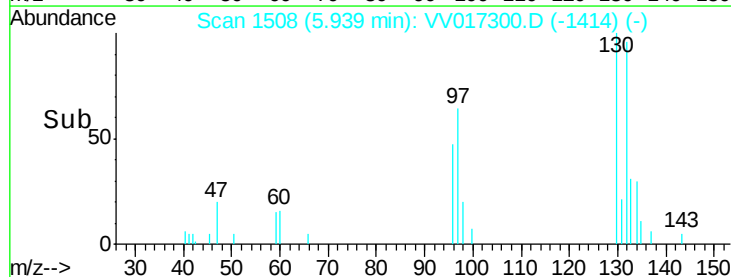
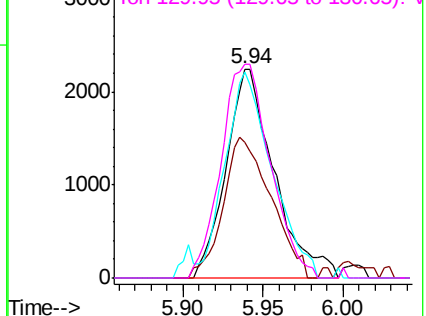


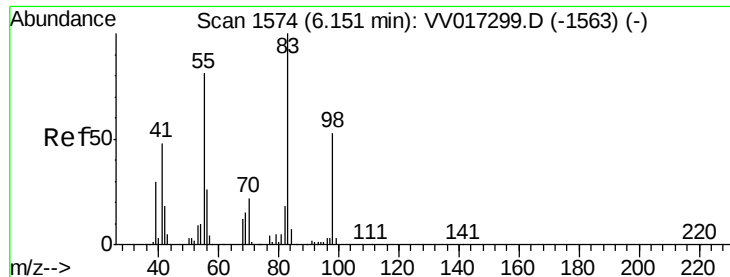
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

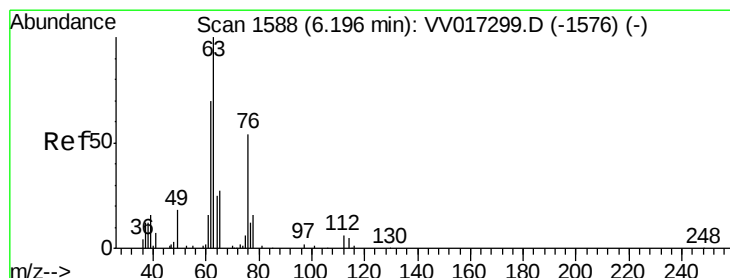
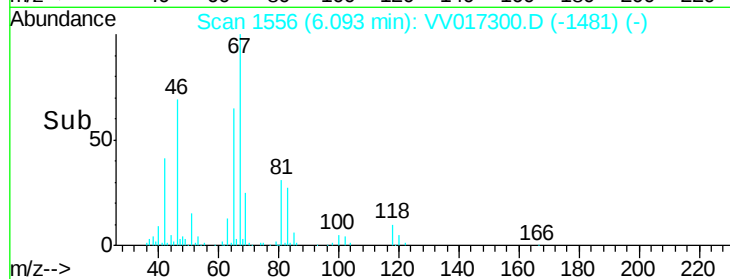
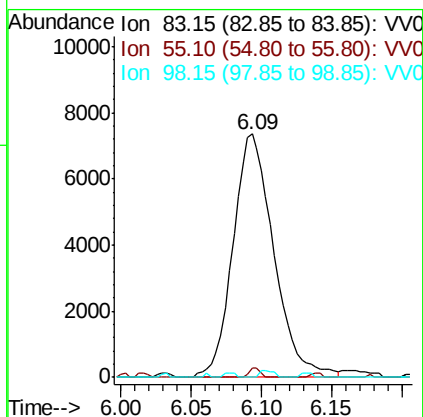
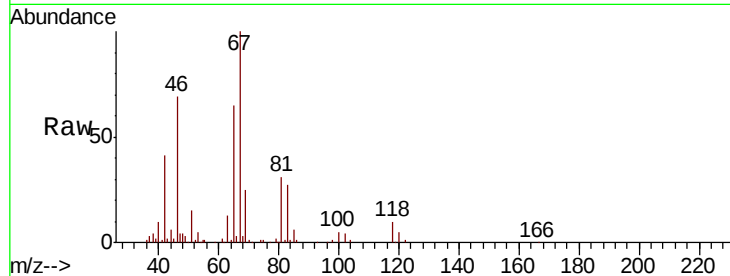




#35
Methvlcvclohexane
Concen: 0.745 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017300.D
Acq: 02 Jul 2020 10:51

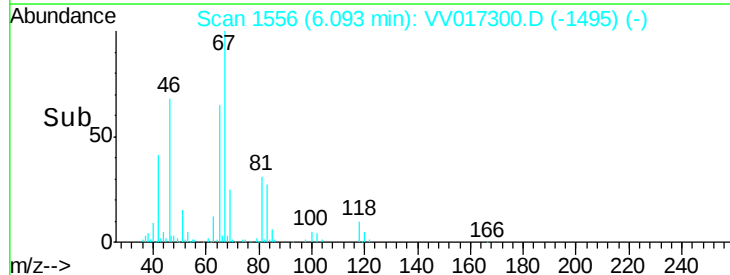
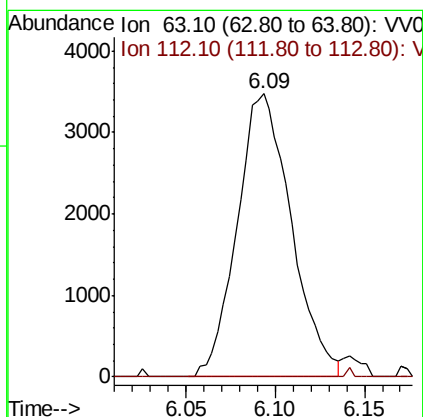
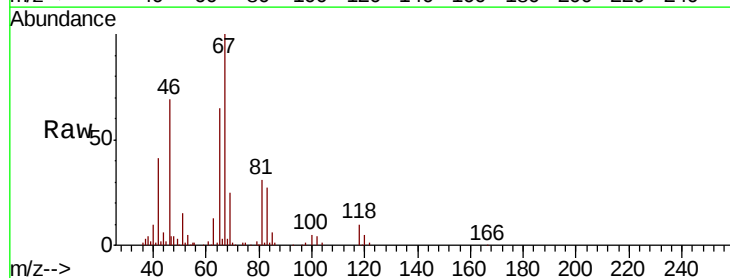
Instrument :
MSVOA_V
ClientSampleId :
VBLK59

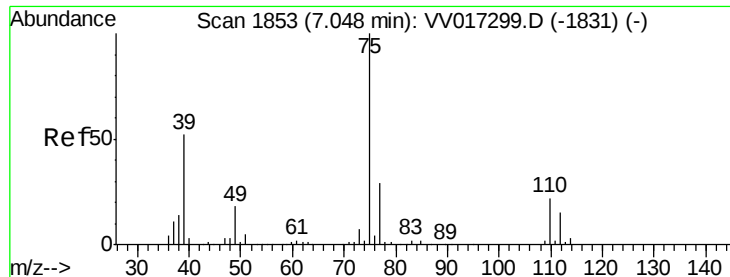
Tot Ion	83	Resp	14909
Ion Ratio	Lower	Upper	
83	100		
55	1.1	63.6	95.4#
98	1.0	38.8	58.2#



#37
1,2-Dichloropropane
Concen: 0.677 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV017300.D
Acq: 02 Jul 2020 10:51

Tgt Ion	63	Resp	7364
Ion Ratio	Lower	Upper	
63	100		
112	0.3	4.4	6.6#





#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV017300.D

Acq: 02 Jul 2020 10:51

Instrument :

MSVOA_V

ClientSampleId :

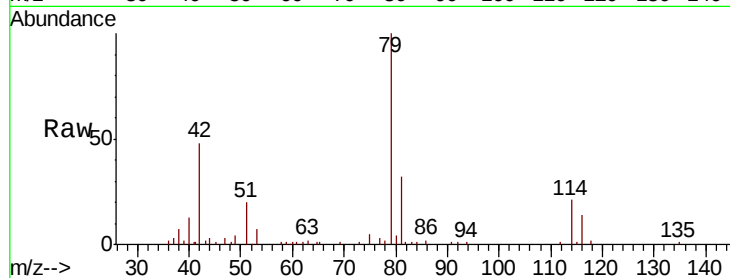
VBLK59

Tot Ion: 75 Resp: 1796

Ion Ratio Lower Upper

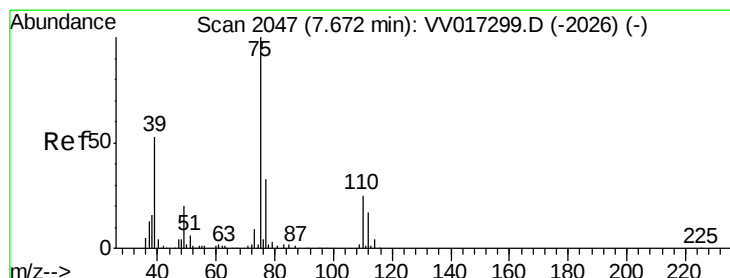
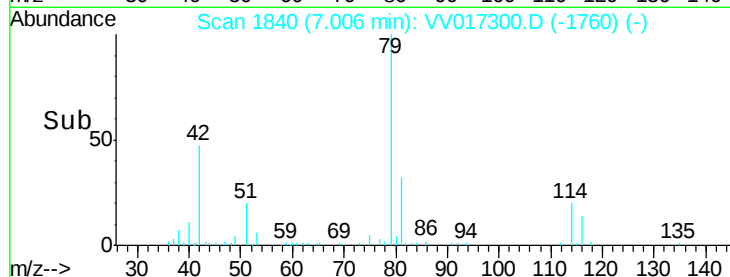
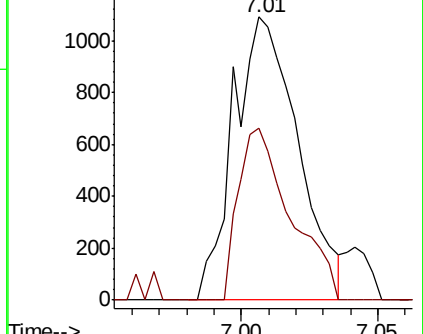
75 100

77 60.9 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: 0.100 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV017300.D

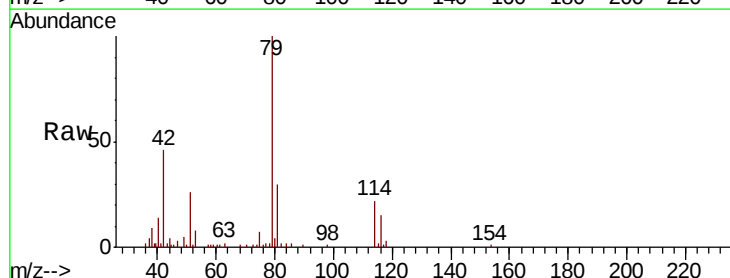
Acq: 02 Jul 2020 10:51

Tgt Ion: 75 Resp: 1403

Ion Ratio Lower Upper

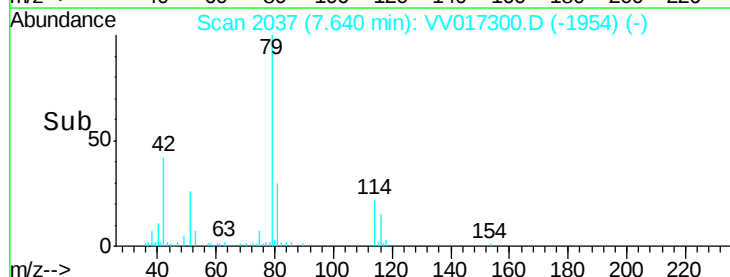
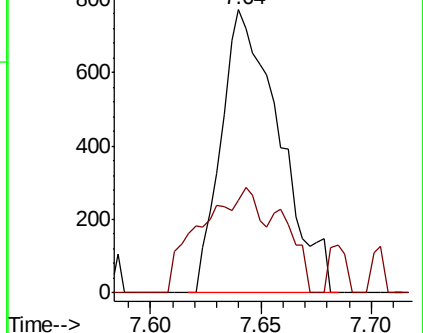
75 100

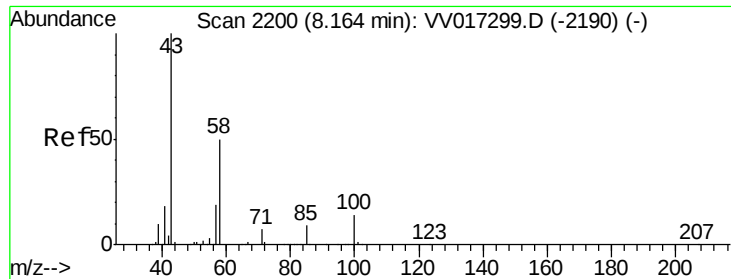
77 32.9 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#50
 2-Hexanone
 Concen: 1.466 ug/L
 RT: 8.17 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: VV017300.D
 Acq: 02 Jul 2020 10:51

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK59

Tot Ion:	43	Resp:	6555
Ion	Ratio	Lower	Upper
43	100		
58	57.6	41.6	62.4
57	6.7	15.4	23.0#
100	5.5	10.1	15.1#

