

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060220\
 Data File : VV016425.D
 Acq On : 02 Jun 2020 12:32
 Operator : SY/MD
 Sample : L2870-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Jun 02 18:23:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 02 18:21:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	83385	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	79841	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	35280	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28104	3.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.00%
7) Chloroethane-d5	1.58	69	23790	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.12	63	41431	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	3.94	46	85489	54.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.56%
24) Chloroform-d	4.37	84	53965	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.05	65	32211	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.07	84	111847	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.09	67	34803	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.33	98	92974	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
45) trans-1,3-Dichloropropene-	7.64	79	11316	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
48) 2-Hexanone-d5	8.11	63	63522	54.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.06%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	24801	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	32578	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

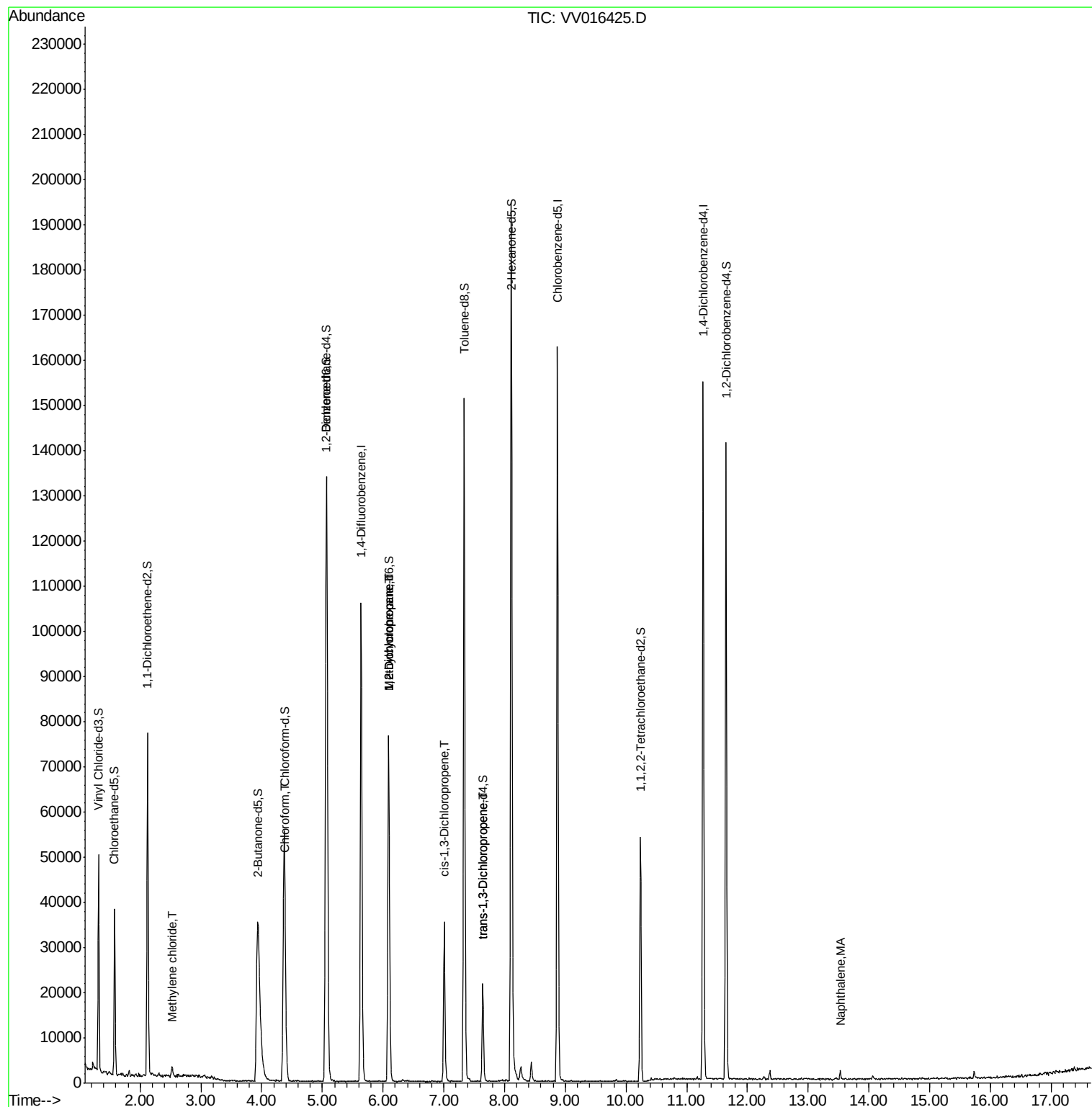
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Methylene chloride	2.52	84	752	0.13	ug/L	82
25) Chloroform	4.40	83	4262	0.38	ug/L	93
35) Methylcyclohexane	6.09	83	8318	0.83	ug/L #	15
37) 1,2-Dichloropropane	6.09	63	4220	0.71	ug/L #	87
39) cis-1,3-Dichloropropene	7.00	75	950	0.12	ug/L #	74
46) trans-1,3-Dichloropropene	7.64	75	564	0.09	ug/L	85
70) Naphthalene	13.53	128	1664	0.10	ug/L #	89

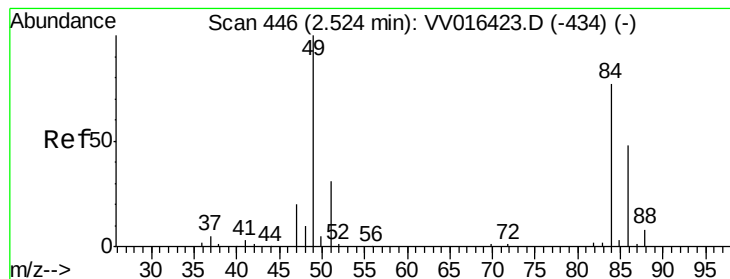
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 02 18:21:27 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.13 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV016425.D

Acq: 02 Jun 2020 12:32

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

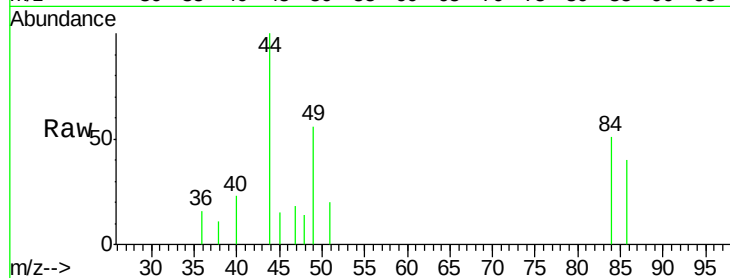
Tgt Ion: 84 Resp: 752

Ion Ratio Lower Upper

84 100

86 78.7 44.5 82.7

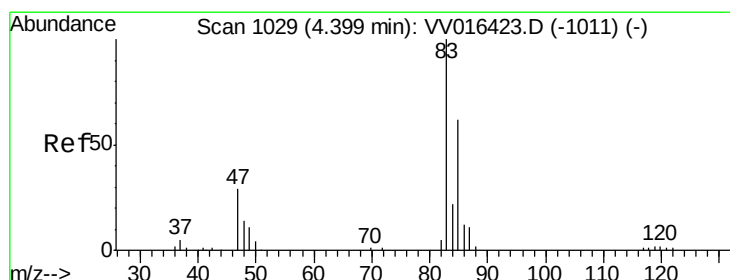
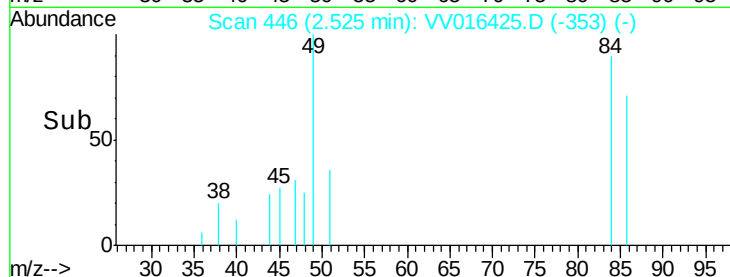
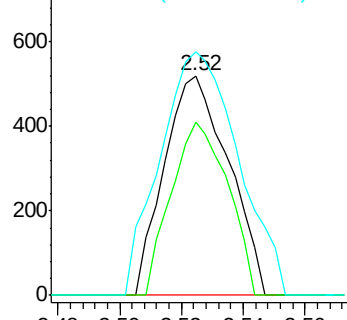
49 110.8 92.3 171.3



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



#25

Chloroform

Concen: 0.38 ug/L

RT: 4.40 min Scan# 1028

Delta R.T. -0.00 min

Lab File: VV016425.D

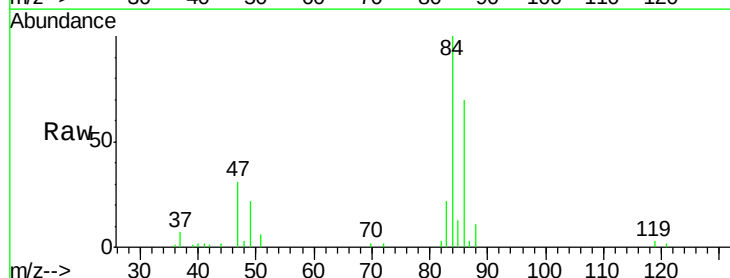
Acq: 02 Jun 2020 12:32

Tgt Ion: 83 Resp: 4262

Ion Ratio Lower Upper

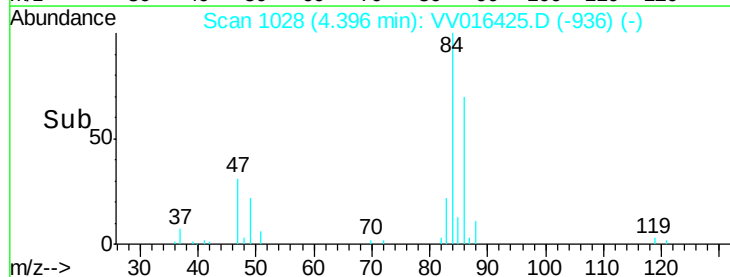
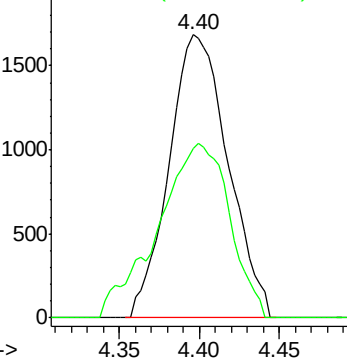
83 100

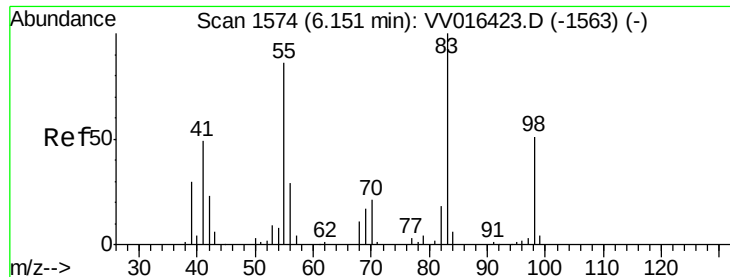
85 59.9 45.8 85.2



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

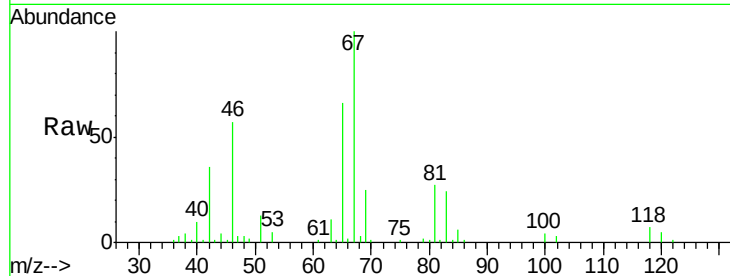




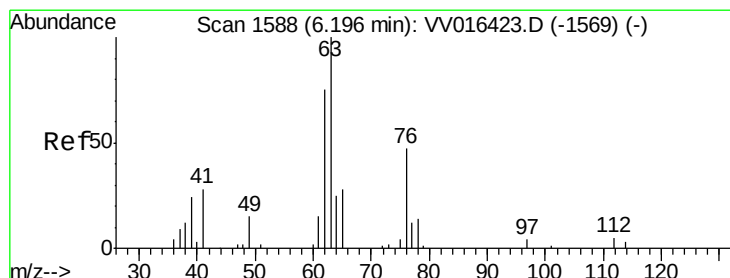
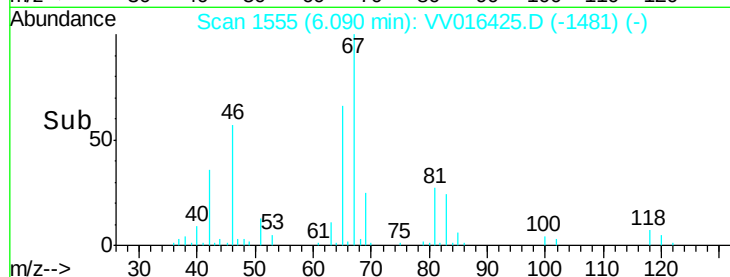
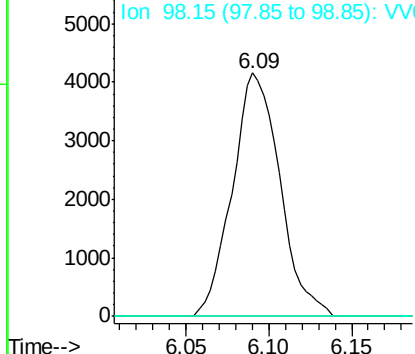
#35
Methylcyclohexane
Concen: 0.83 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.06 min
Lab File: VV016425.D
Acq: 02 Jun 2020 12:32

Instrument :
MSVOA_V
ClientSampled :
VHBLK01

Tgt Ion: 83 Resp: 8318
Ion Ratio Lower Upper
83 100
55 0.0 67.0 100.4#
98 0.0 39.0 58.4#

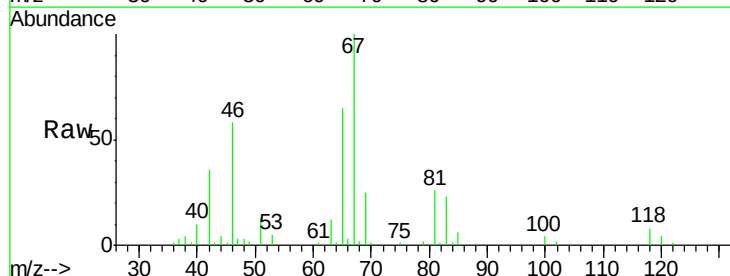


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

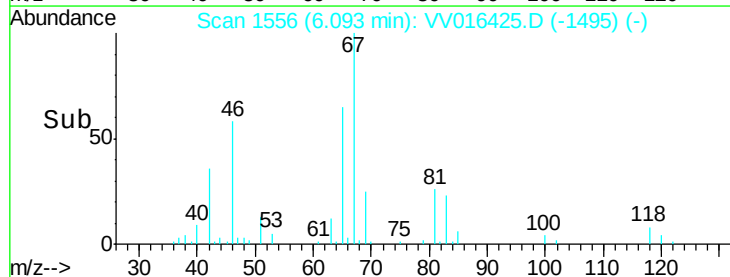
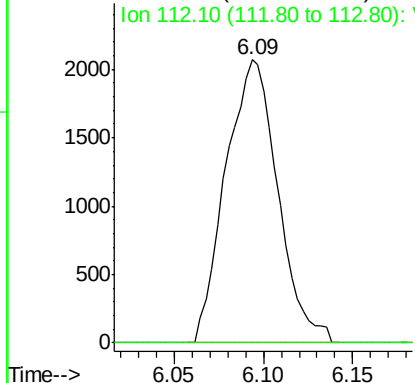


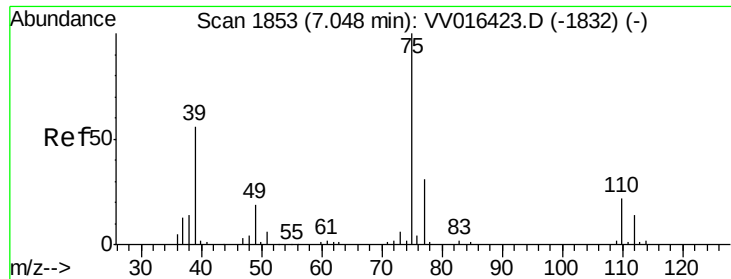
#37
1,2-Dichloropropane
Concen: 0.71 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV016425.D
Acq: 02 Jun 2020 12:32

Tgt Ion: 63 Resp: 4220
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

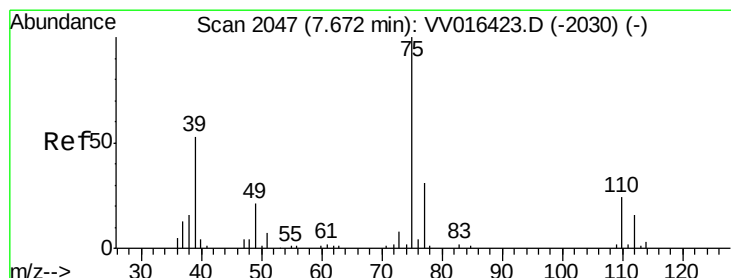
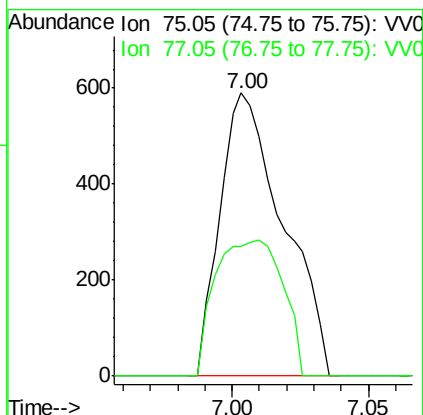
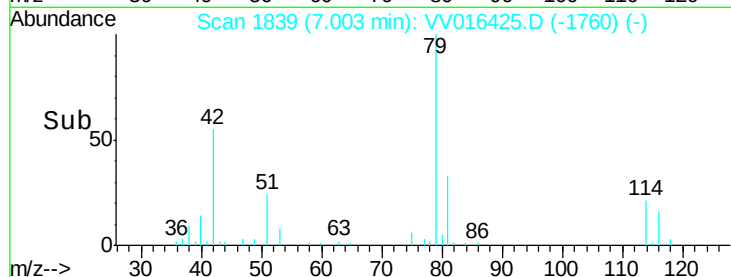
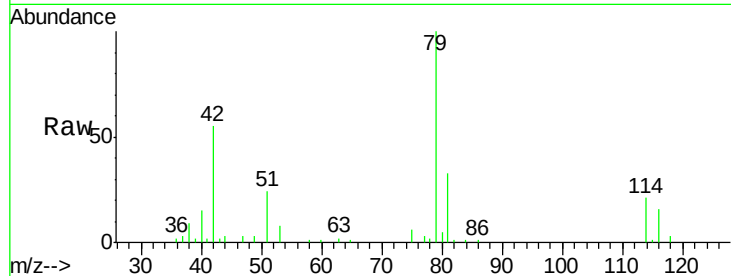




#39
 cis-1,3-Dichloropropene
 Concen: 0.12 ug/L
 RT: 7.00 min Scan# 1839
 Delta R.T. -0.04 min
 Lab File: VV016425.D
 Acq: 02 Jun 2020 12:32

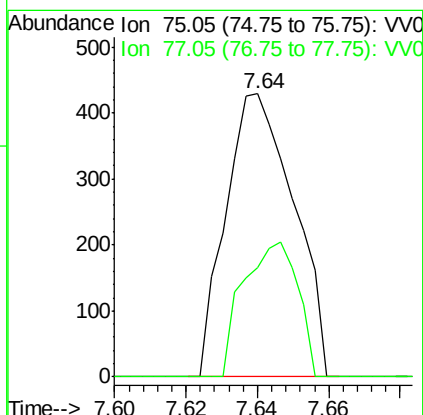
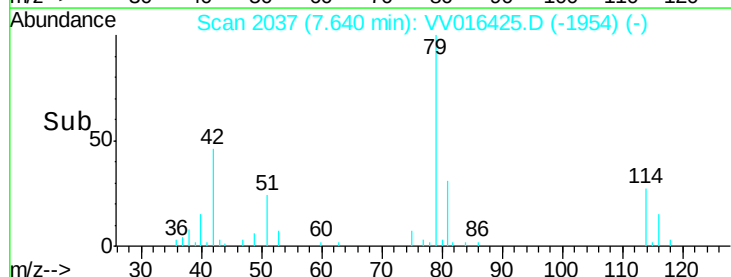
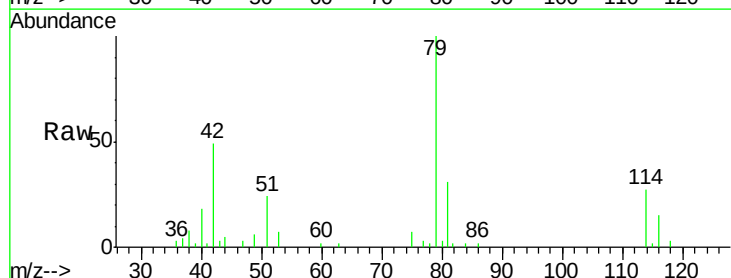
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

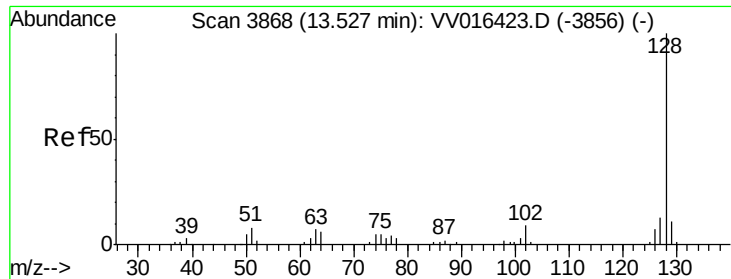
Tgt Ion: 75 Resp: 950
 Ion Ratio Lower Upper
 75 100
 77 45.8 22.0 41.0#



#46
 trans-1,3-Dichloropropene
 Concen: 0.09 ug/L
 RT: 7.64 min Scan# 2037
 Delta R.T. -0.03 min
 Lab File: VV016425.D
 Acq: 02 Jun 2020 12:32

Tgt Ion: 75 Resp: 564
 Ion Ratio Lower Upper
 75 100
 77 38.5 21.1 39.3





#70

Naphthalene

Concen: 0.10 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. 0.00 min

Lab File: VV016425.D

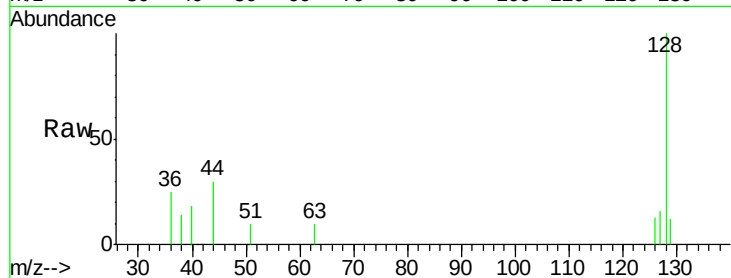
Acq: 02 Jun 2020 12:32

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01



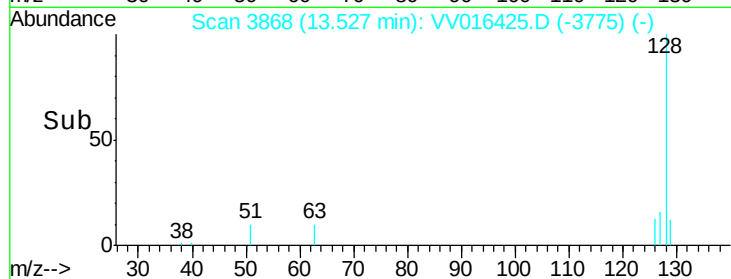
Tgt Ion:128 Resp: 1664

Ion Ratio Lower Upper

128 100

129 8.8 8.6 12.8

127 7.4 10.7 16.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

