

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071520\
 Data File : VV071500.D
 Acq On : 15 Jul 2020 10:16
 Operator : SY/MD
 Sample : VV0715WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK34

Quant Time: Jul 16 01:31:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 16 01:29:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	151667	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	143535	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	72171	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37346	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.58	69	31871	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.12	63	60177	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	3.97	46	81409	44.97	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.94%
24) Chloroform-d	4.38	84	84357	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.06	65	48783	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.07	84	151921	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.10	67	42634	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.34	98	139209	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
45) trans-1,3-Dichloropropene-	7.65	79	19116	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
48) 2-Hexanone-d5	8.12	63	55709	41.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.60%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	28537	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	57103	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

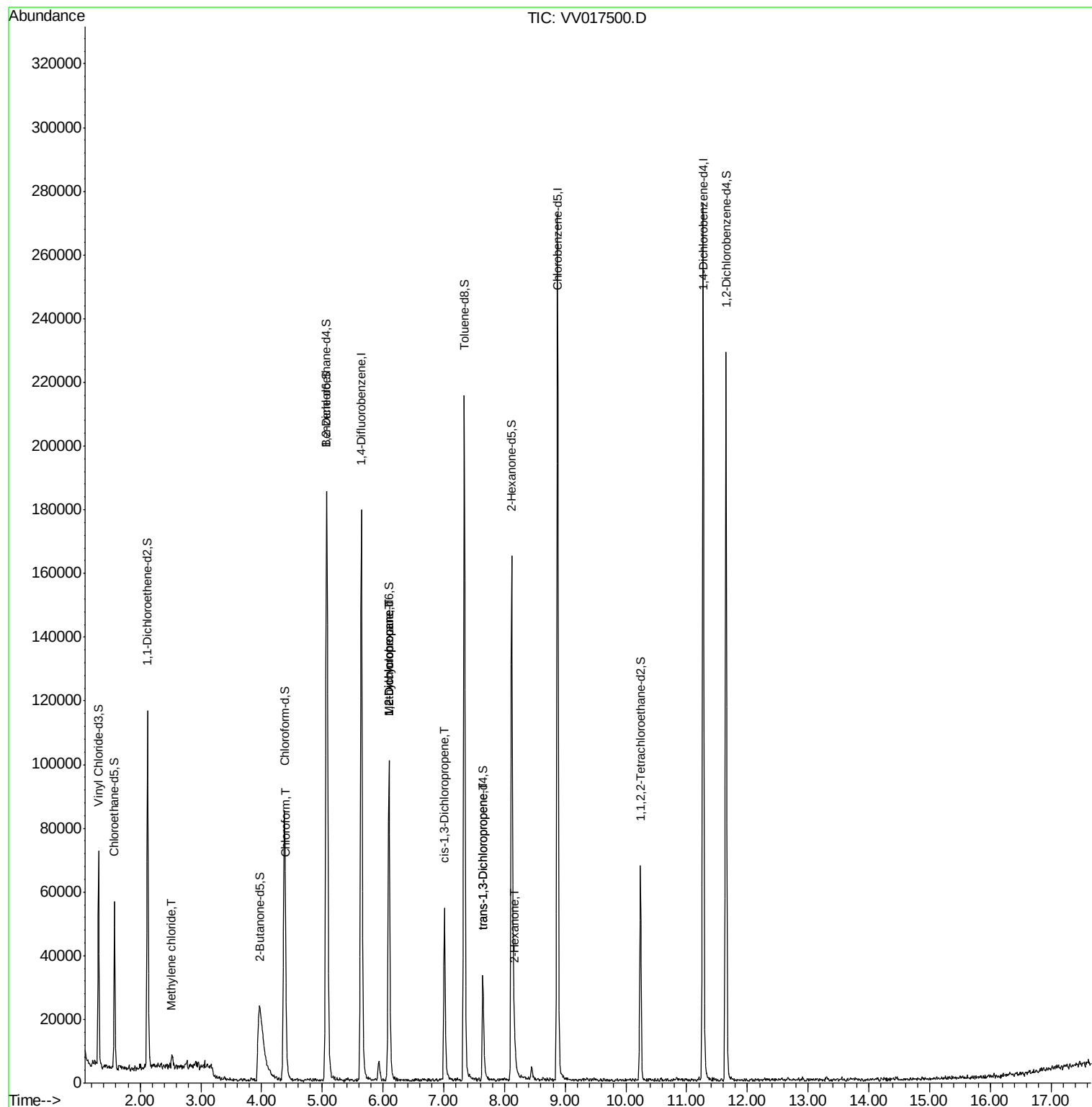
					Ovalue
16) Methylene chloride	2.52	84	1603	0.146 ug/L	91
25) Chloroform	4.40	83	3287	0.161 ug/L	96
35) Methylcyclohexane	6.10	83	11836	0.690 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	6076	0.687 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1430	0.101 ug/L #	56
46) trans-1,3-Dichloropropene	7.65	75	1090	0.087 ug/L	96
50) 2-Hexanone	8.17	43	4765	1.388 ug/L #	86

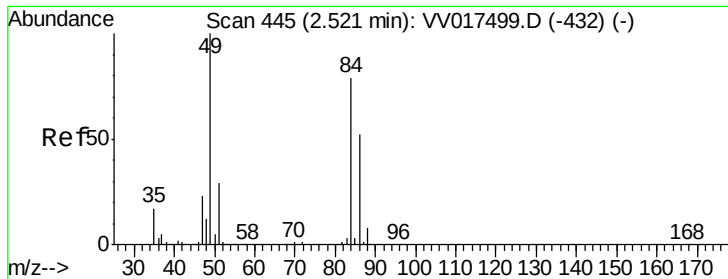
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 16 01:29:31 2020
Response via : Initial Calibration

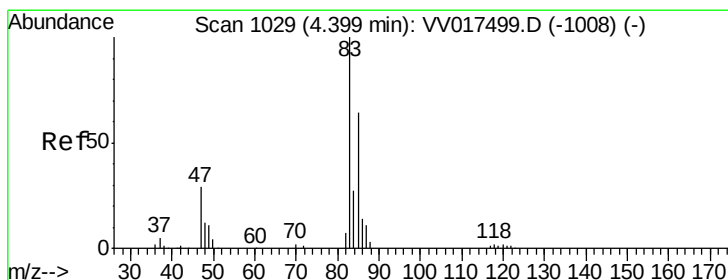
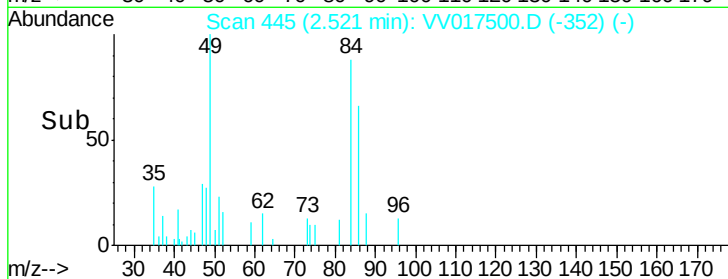
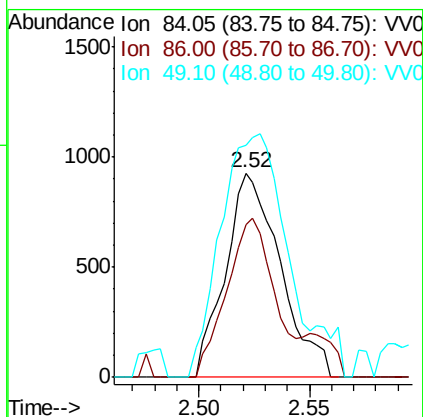
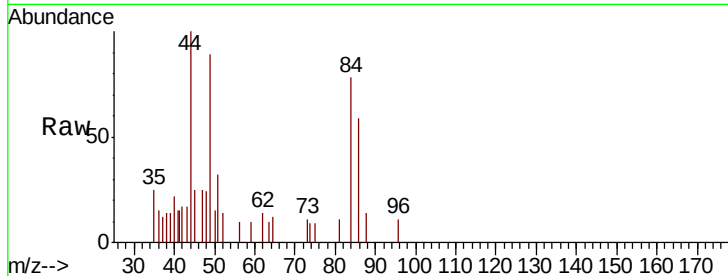




#16
Methvlene chloride
Concen: 0.146 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.00 min
Lab File: VV017500.D
Acq: 15 Jul 2020 10:16

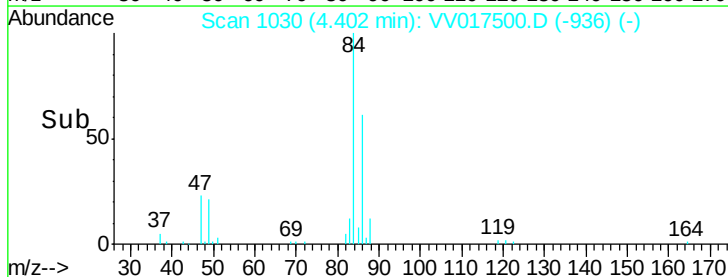
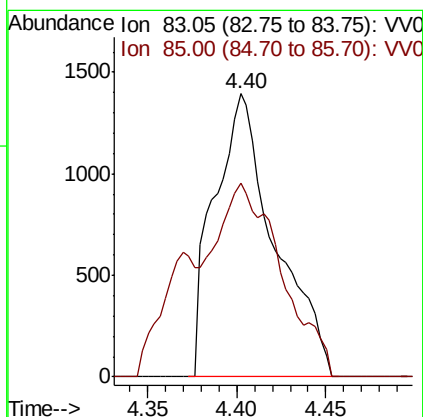
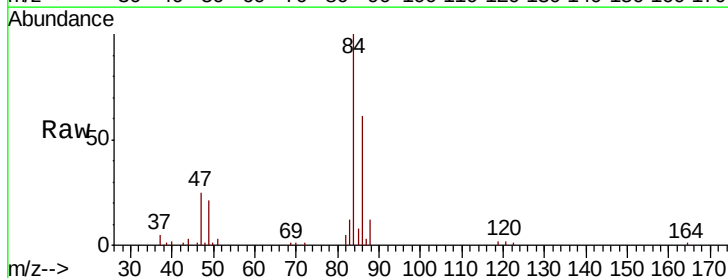
Instrument :
MSVOA_V
ClientSampled :
VBLK34

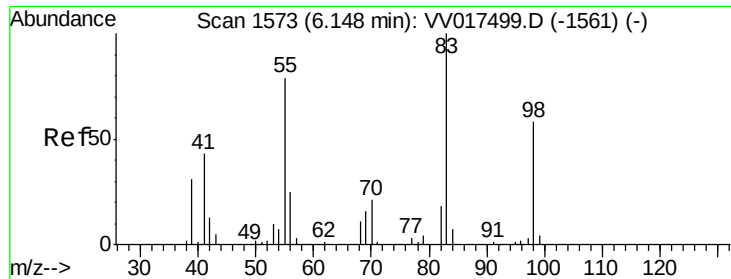
Tot Ion: 84 Resp: 1603
Ion Ratio Lower Upper
84 100
86 75.1 45.5 84.5
49 113.6 84.6 157.0



#25
Chloroform
Concen: 0.161 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV017500.D
Acq: 15 Jul 2020 10:16

Tgt Ion: 83 Resp: 3287
Ion Ratio Lower Upper
83 100
85 68.4 45.4 84.4

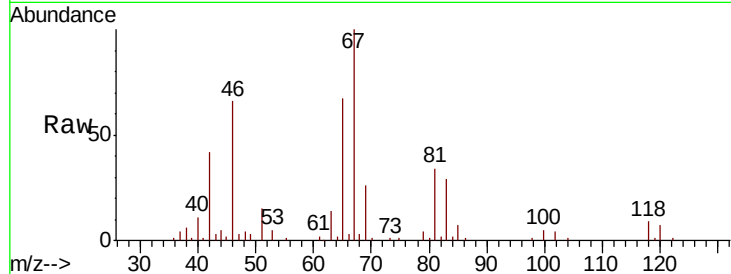




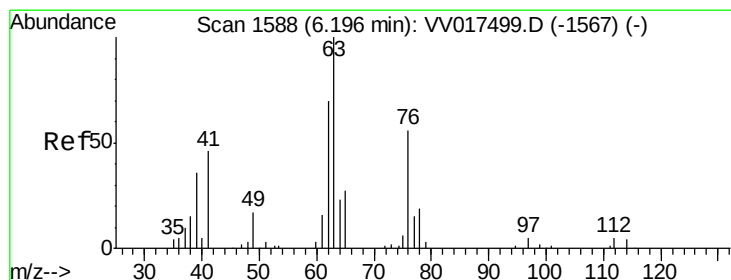
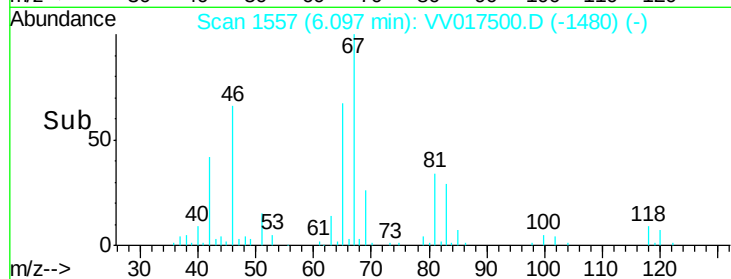
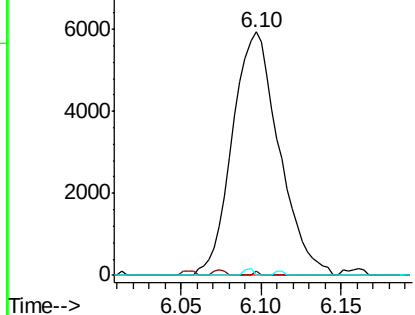
#35
Methylvlcyclohexane
Concen: 0.690 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017500.D
Acq: 15 Jul 2020 10:16

Instrument :
MSVOA_V
ClientSampleId :
VBLK34

Tot Ion: 83 Resp: 11836
Ion Ratio Lower Upper
83 100
55 0.2 62.0 93.0#
98 0.5 41.4 62.2#

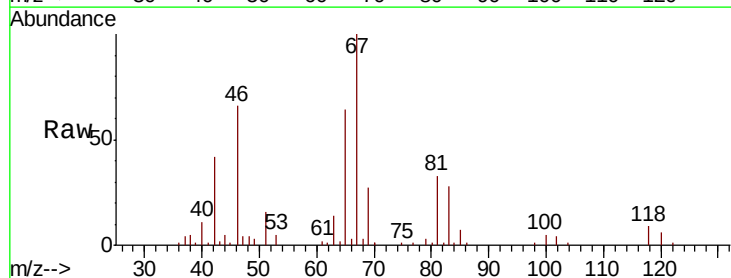


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

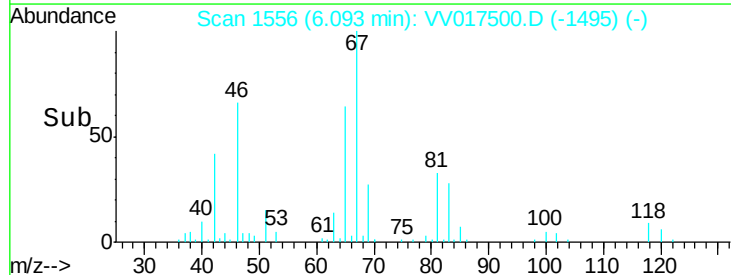
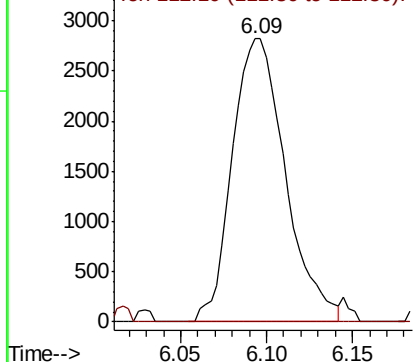


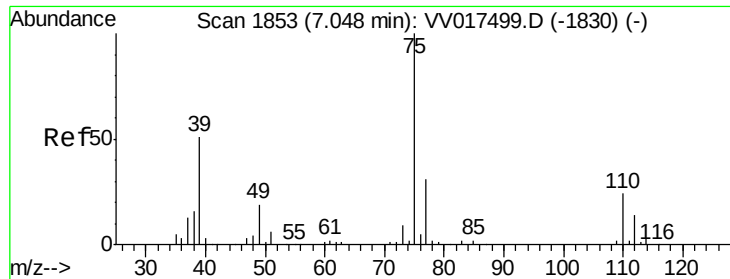
#37
1,2-Dichloropropane
Concen: 0.687 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV017500.D
Acq: 15 Jul 2020 10:16

Tgt Ion: 63 Resp: 6076
Ion Ratio Lower Upper
63 100
112 1.3 4.4 6.6#



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: 0.101 ug/L

RT: 7.01 min Scan# 1842

Delta R.T. -0.04 min

Lab File: VV017500.D

Acq: 15 Jul 2020 10:16

Instrument :

MSVOA_V

ClientSampleId :

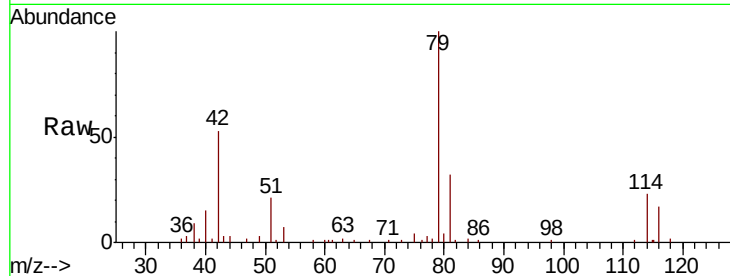
VBLK34

Tot Ion: 75 Resp: 1430

Ion Ratio Lower Upper

75 100

77 56.3 22.3 41.5#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.01

600

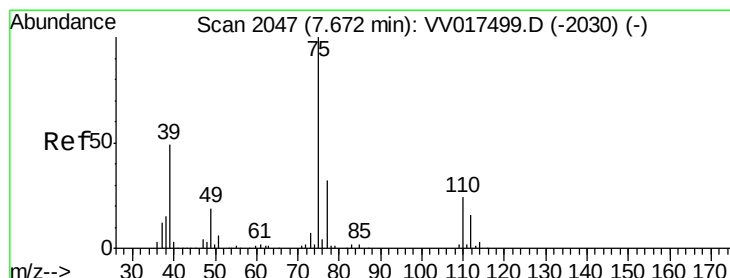
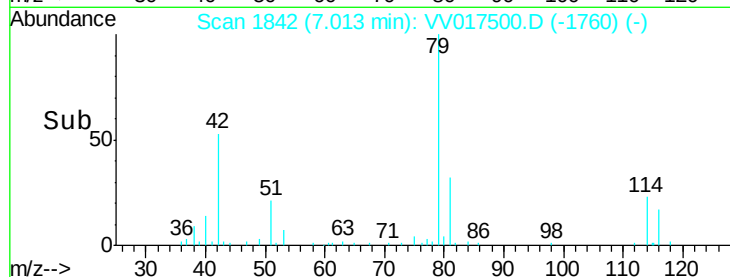
400

200

0

7.00 7.05

Time-->



#46

trans-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV017500.D

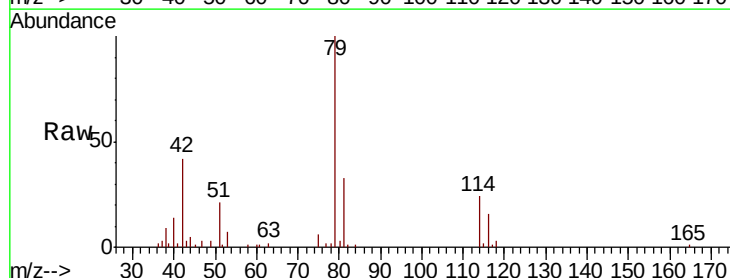
Acq: 15 Jul 2020 10:16

Tgt Ion: 75 Resp: 1090

Ion Ratio Lower Upper

75 100

77 27.9 21.2 39.4



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.65

600

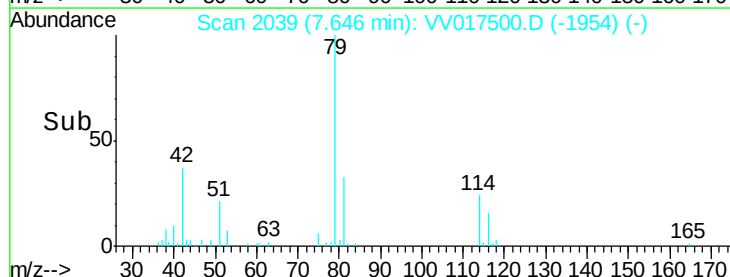
400

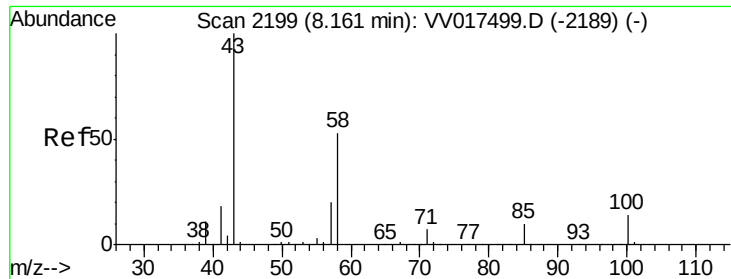
200

0

7.60 7.65

Time-->





#50

2-Hexanone

Concen: 1.388 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV017500.D

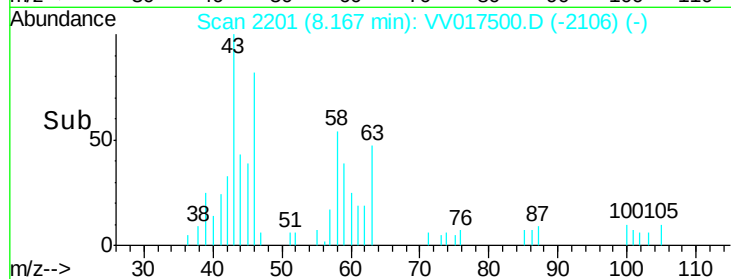
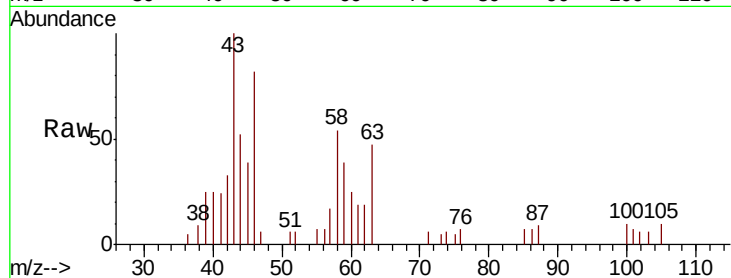
Acq: 15 Jul 2020 10:16

Instrument :
MSVOA_V
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VBLK34

Tot Ion: 43 Resp: 4765

Ion Ratio Lower Upper

43	100		
58	54.9	43.0	64.4
57	3.3	16.8	25.2#
100	3.4	11.8	17.6#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

