

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070620\
 Data File : VU039304.D
 Acq On : 06 Jul 2020 20:15
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK34

Quant Time: Jul 07 01:21:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 07 01:17:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	121452	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	111561	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55082	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	38290	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.93	69	36323	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.40%
11) 1,1-Dichloroethene-d2	2.58	63	55236	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	4.66	46	171711	48.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.56%
24) Chloroform-d	5.09	84	77096	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.72	65	46444	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
32) Benzene-d6	5.75	84	148695	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.71	67	50486	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.91	98	126827	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	8.19	79	20928	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.64	63	127703	45.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.86%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	46472	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	51041	4.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.00%

Target Compounds

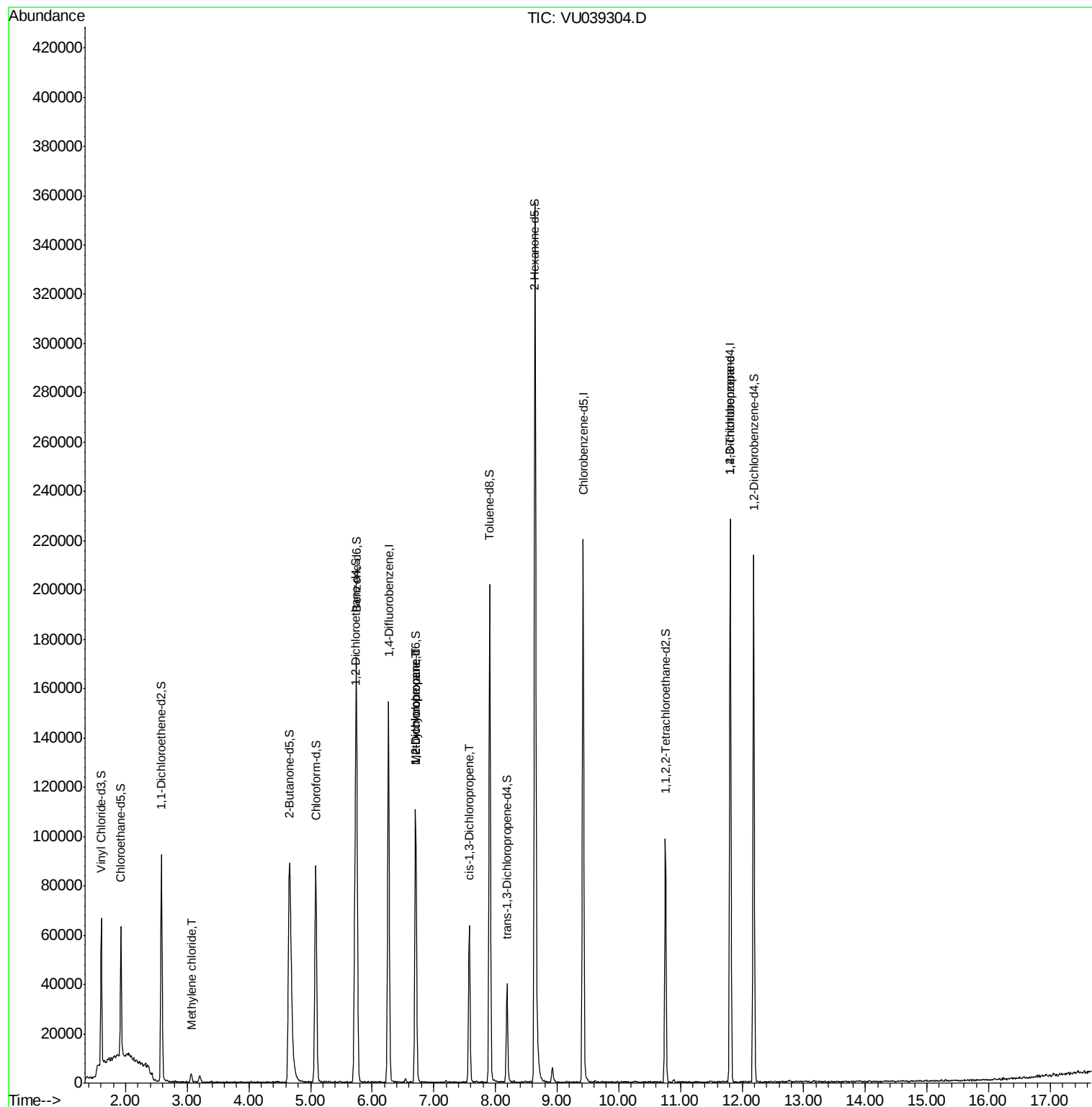
					Ovalue
16) Methylene chloride	3.07	84	849	0.097 ug/L #	63
35) Methylcyclohexane	6.71	83	11299	0.870 ug/L #	17
37) 1,2-Dichloropropane	6.71	63	6308	0.719 ug/L #	90
39) cis-1,3-Dichloropropene	7.58	75	1762	0.129 ug/L #	68
59) 1,2,3-Trichloropropane	11.81	75	8081	1.226 ug/L	88

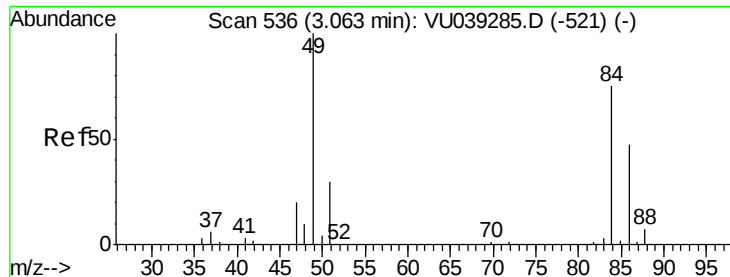
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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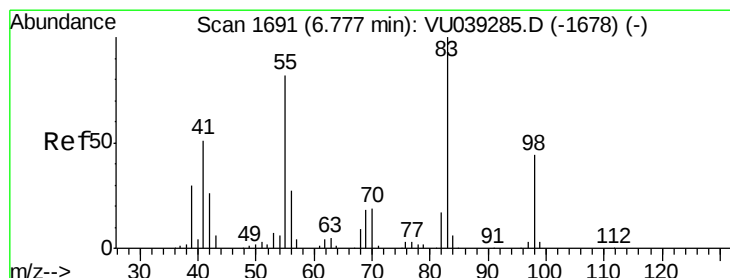
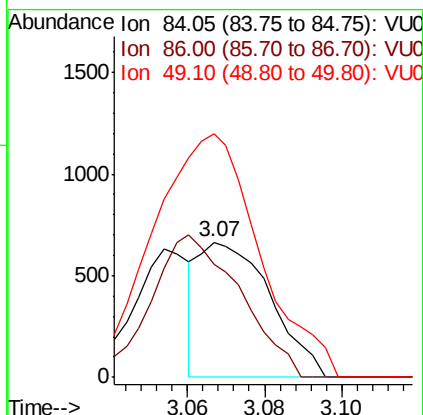
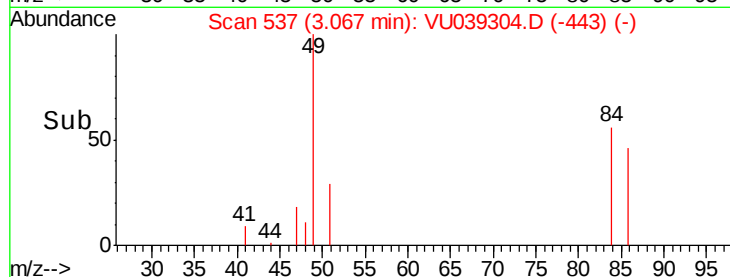
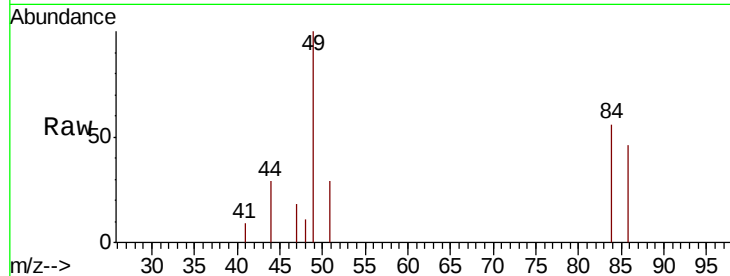




#16
Methylene chloride
Concen: 0.097 ug/L
RT: 3.07 min Scan# 537
Delta R.T. 0.00 min
Lab File: VU039304.D
Acq: 06 Jul 2020 20:15

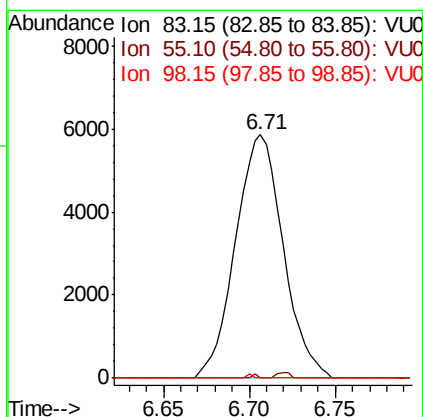
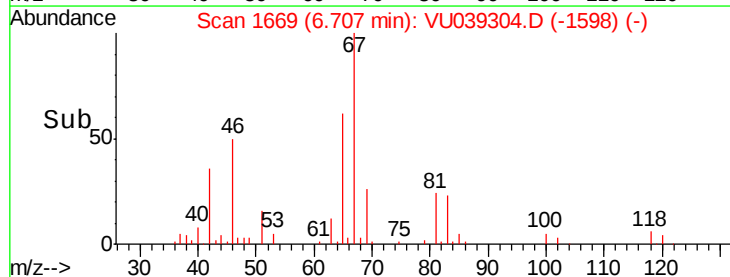
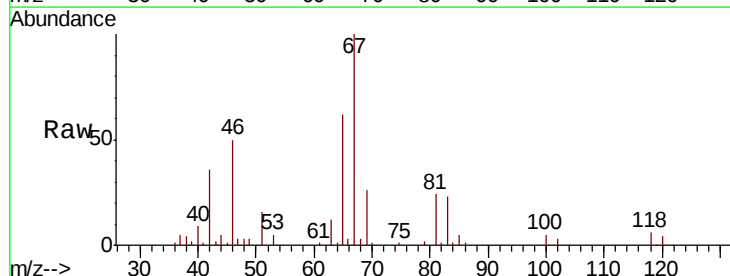
Instrument :
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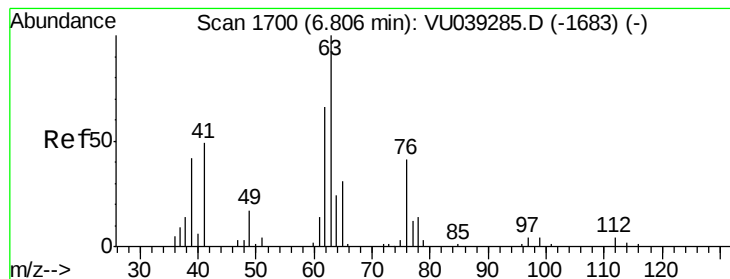
Tot Ion: 84 Resp: 849
Ion Ratio Lower Upper
84 100
86 83.5 42.6 79.0#
49 180.2 93.0 172.8#



#35
Methylcyclohexane
Concen: 0.870 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039304.D
Acq: 06 Jul 2020 20:15

Tgt Ion: 83 Resp: 11299
Ion Ratio Lower Upper
83 100
55 0.2 63.3 94.9#
98 0.2 37.4 56.2#





#37

1,2-Dichloropropane

Concen: 0.719 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.10 min

Lab File: VU039304.D

Acq: 06 Jul 2020 20:15

Instrument :

MSVOA_U

ClientSampleId :

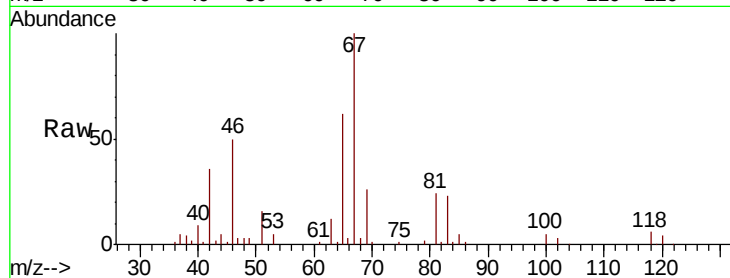
VIBLK34

Tot Ion: 63 Resp: 6308

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#



Abundance Ion 63.10 (62.80 to 63.80): VU039304.D (-1669) (-)

Ion 112.10 (111.80 to 112.80): VU039304.D (-1669) (-)

6.71

3000

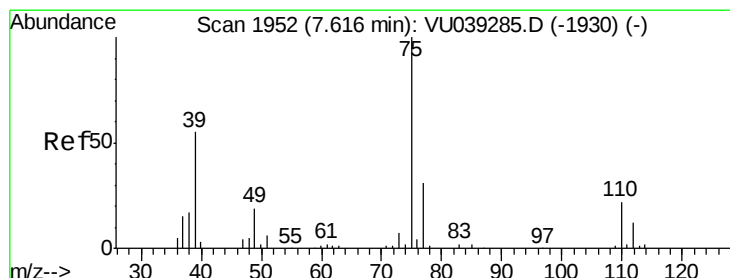
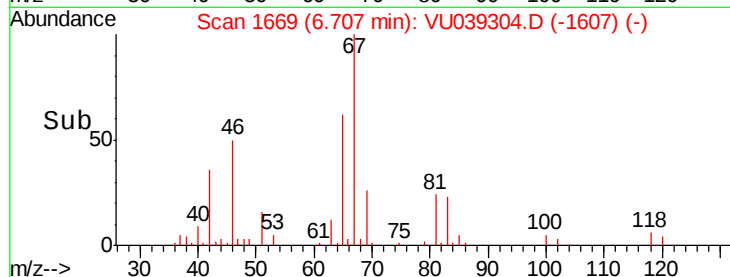
2000

1000

0

6.65 6.70 6.75

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.129 ug/L

RT: 7.58 min Scan# 1940

Delta R.T. -0.04 min

Lab File: VU039304.D

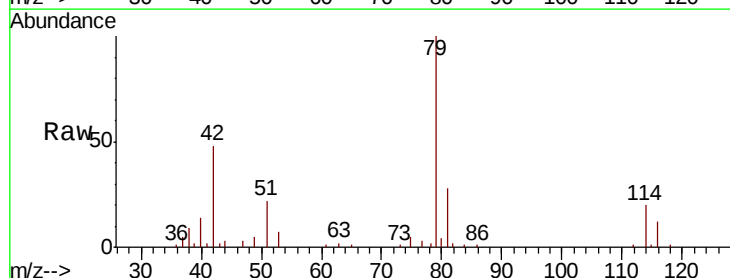
Acq: 06 Jul 2020 20:15

Tgt Ion: 75 Resp: 1762

Ion Ratio Lower Upper

75 100

77 51.4 23.3 43.3#



Abundance Ion 75.05 (74.75 to 75.75): VU039304.D (-1859) (-)

Ion 77.05 (76.75 to 77.75): VU039304.D (-1859) (-)

7.58

1200

1000

800

600

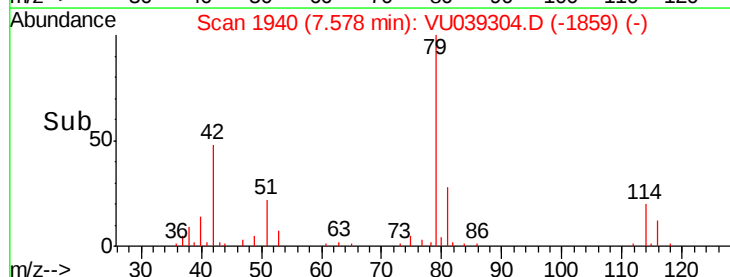
400

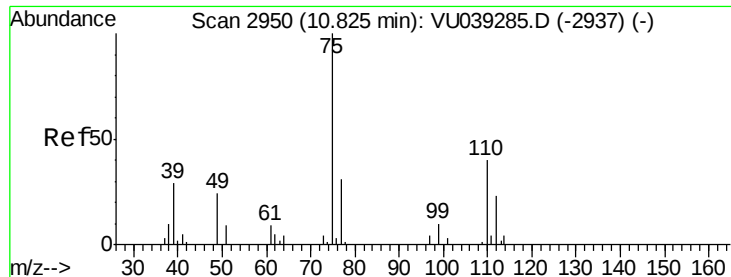
200

0

7.55 7.60

Time-->





#59

1,2,3-Trichloropropane

Concen: 1.226 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.98 min

Lab File: VU039304.D

Acq: 06 Jul 2020 20:15

Instrument :

MSVOA_U

ClientSampleId :

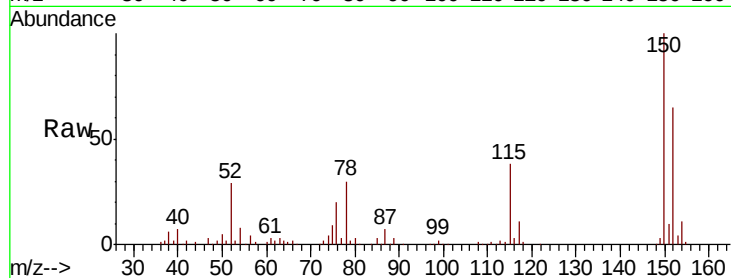
VIBLK34

Tot Ion: 75 Resp: 8081

Ion Ratio Lower Upper

75 100

77 41.2 27.7 41.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

