

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090820\
 Data File : VU040055.D
 Acq On : 08 Sep 2020 17:49
 Operator : SY/MD
 Sample : L3933-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Sep 09 01:38:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 09 01:36:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	115154	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	117440	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52573	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	34207	5.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.80%
7) Chloroethane-d5	1.92	69	27337	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.58	63	53531	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	4.65	46	109470	43.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.06%
24) Chloroform-d	5.08	84	60865	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	5.72	65	38861	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
32) Benzene-d6	5.74	84	119275	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.70	67	38726	4.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.60%
41) Toluene-d8	7.91	98	99557	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	8.19	79	16469	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.64	63	79104	40.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.44%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	32512	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	37927	4.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.20%

Target Compounds

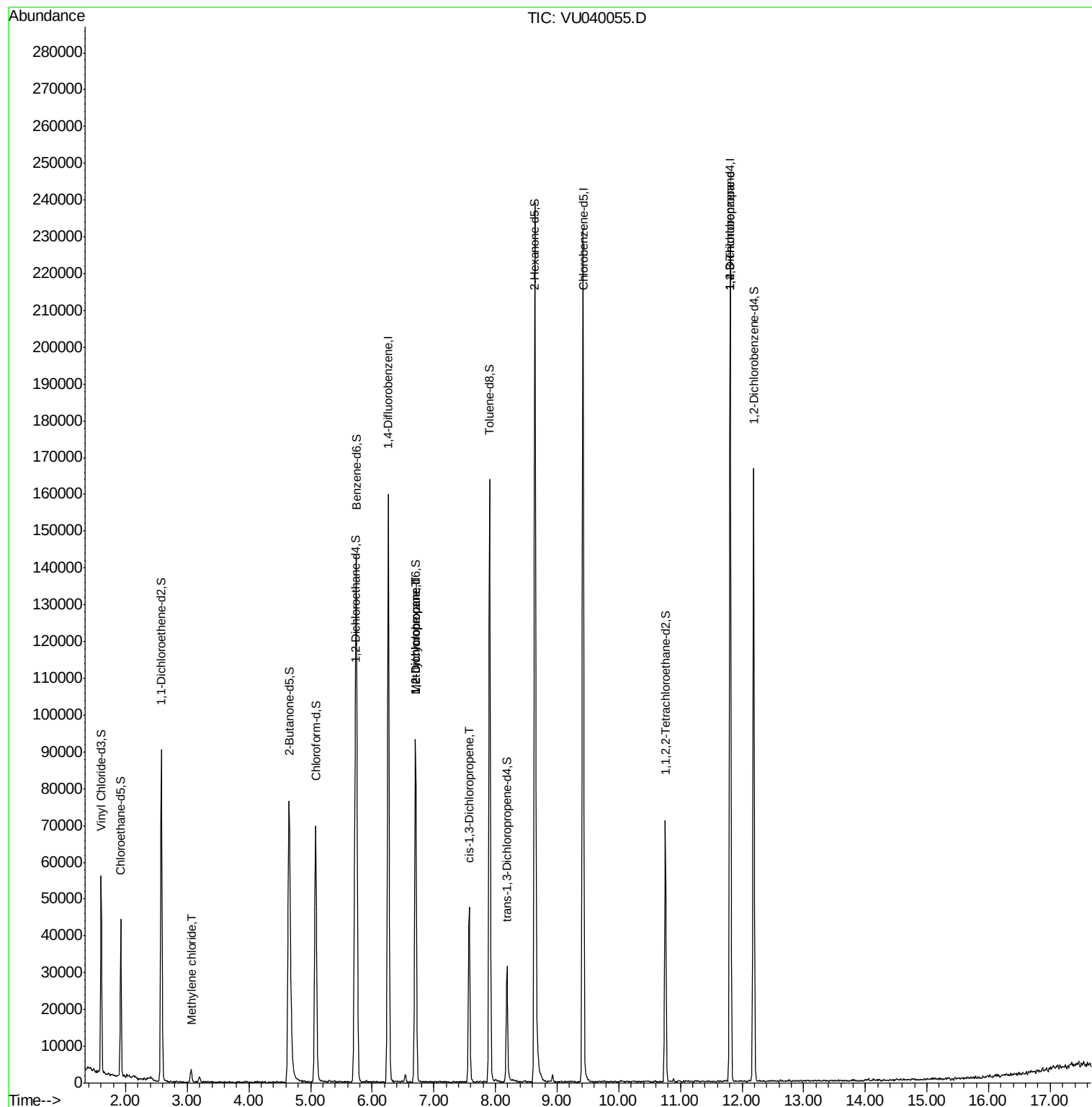
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.06	84	1693	0.145	ug/L	74
35) Methylcyclohexane	6.70	83	9237	0.535	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	4697	0.413	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1316	0.078	ug/L #	57
59) 1,2,3-Trichloropropane	11.81	75	8572	1.017	ug/L #	86

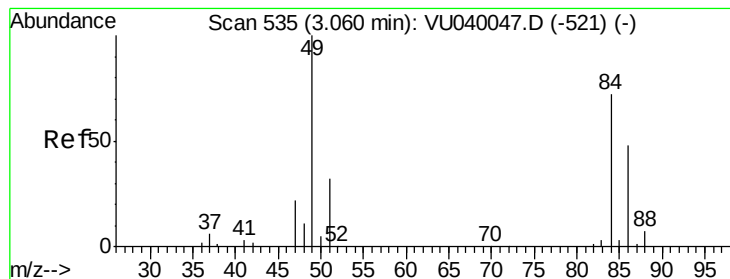
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 09 01:36:31 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.145 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU040055.D

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Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

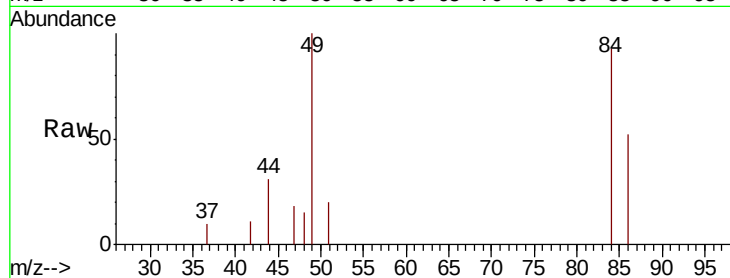
Tot Ion: 84 Resp: 1693

Ion Ratio Lower Upper

84 100

86 55.6 45.2 84.0

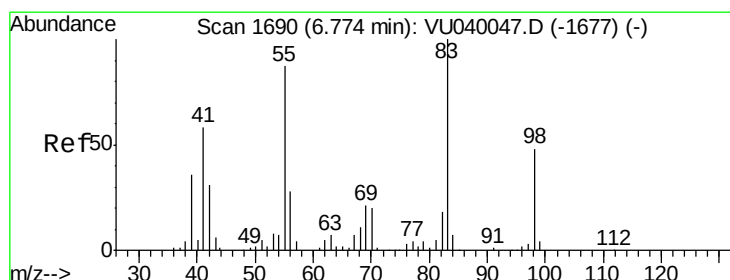
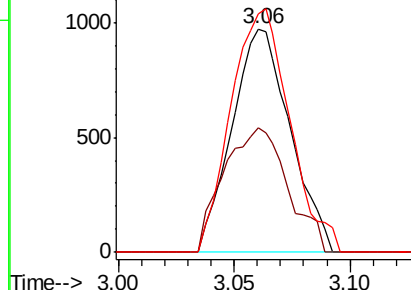
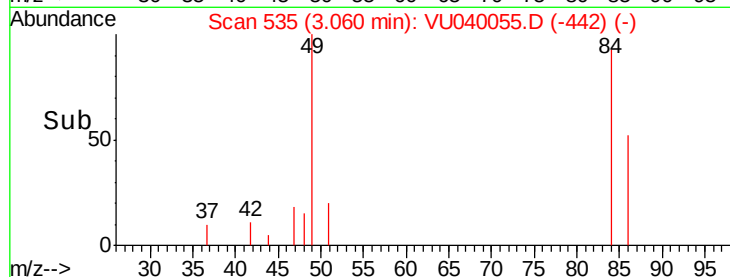
49 107.1 104.0 193.2



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0



#35

Methylcyclohexane

Concen: 0.535 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU040055.D

Acq: 08 Sep 2020 17:49

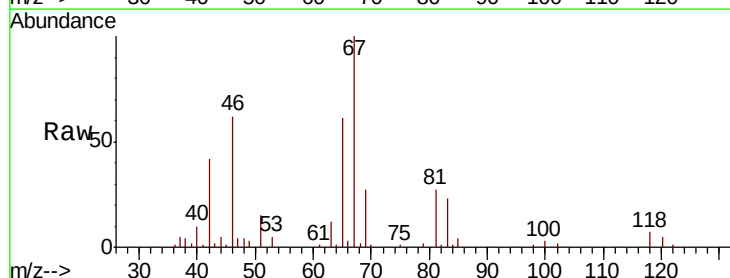
Tgt Ion: 83 Resp: 9237

Ion Ratio Lower Upper

83 100

55 0.0 70.5 105.7#

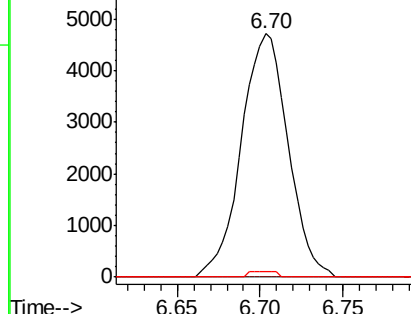
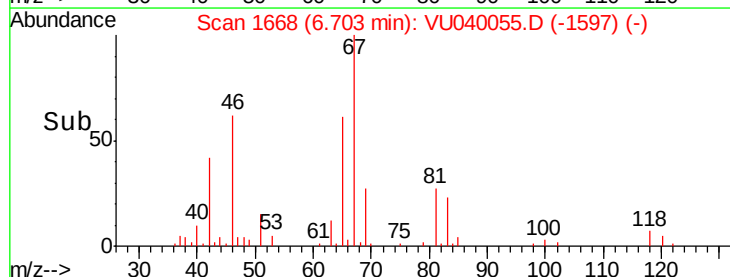
98 1.4 37.8 56.6#

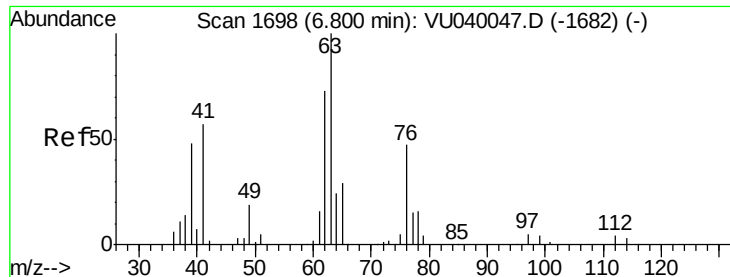


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

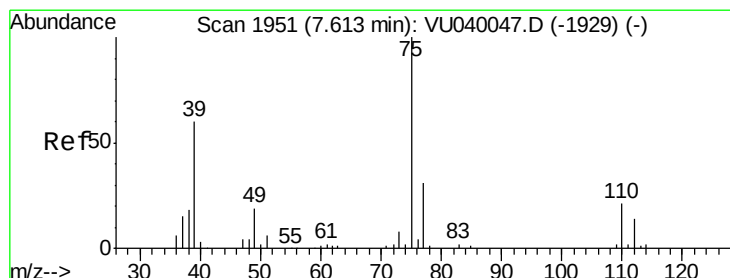
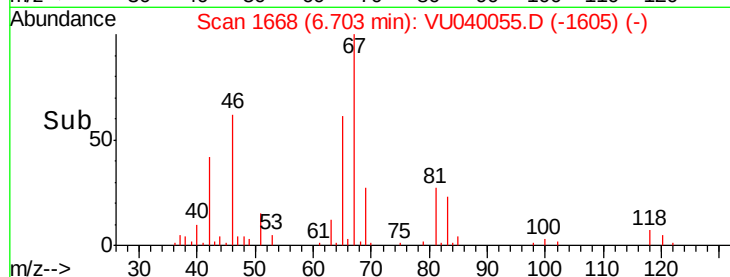
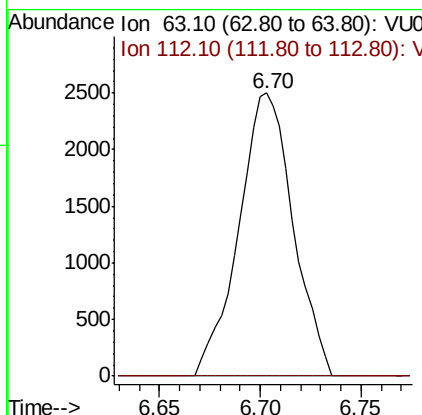
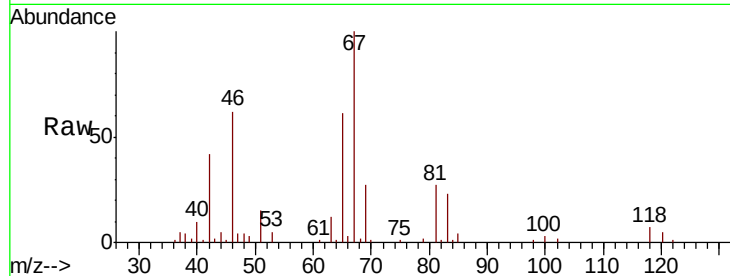




#37
 1,2-Dichloropropane
 Concen: 0.413 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040055.D
 Acq: 08 Sep 2020 17:49

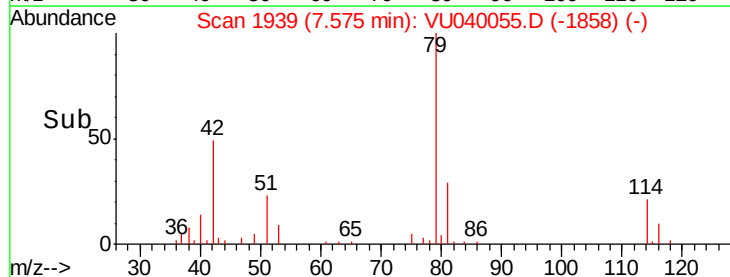
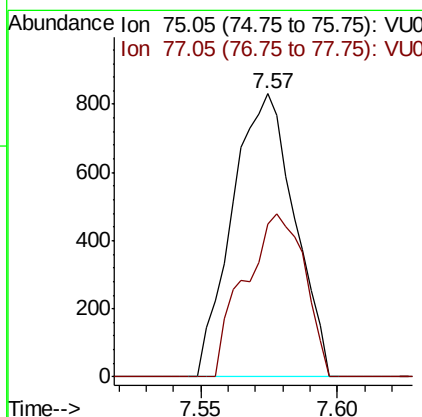
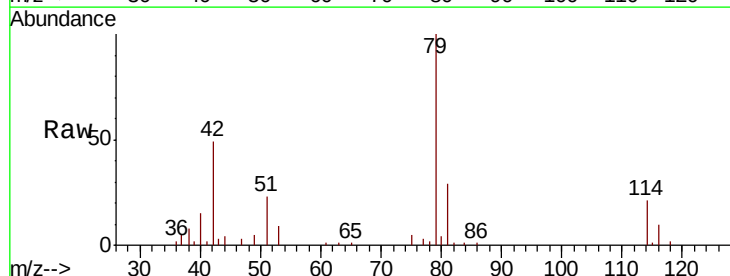
Instrument :
 MSVOA_U
 ClientSampled :
 VHBLK01

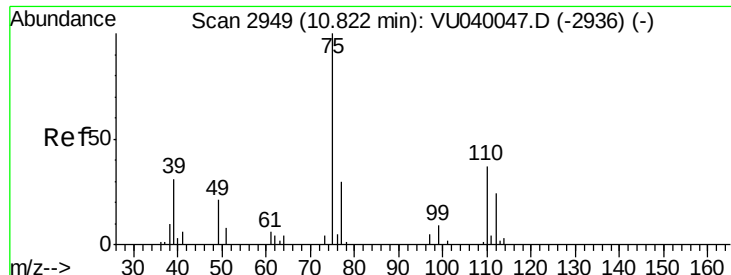
Tot Ion: 63 Resp: 4697
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.078 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040055.D
 Acq: 08 Sep 2020 17:49

Tgt Ion: 75 Resp: 1316
 Ion Ratio Lower Upper
 75 100
 77 53.8 21.1 39.3#





#59

1,2,3-Trichloropropane

Concen: 1.017 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040055.D

Acq: 08 Sep 2020 17:49

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tot Ion: 75 Resp: 8572

Ion Ratio Lower Upper

75 100

77 39.0 24.9 37.3#

