

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
 Data File : VU039921.D
 Acq On : 21 Aug 2020 11:40
 Operator : SY/MD
 Sample : VU0821WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK23

Quant Time: Aug 22 00:47:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 22 00:45:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	68491	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	72213	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	33106	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30052	5.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.60%
7) Chloroethane-d5	1.92	69	28332	5.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.40%
11) 1,1-Dichloroethene-d2	2.58	63	41558	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	4.66	46	109162	57.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.20%
24) Chloroform-d	5.08	84	55892	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.72	65	32502	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.74	84	107682	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.70	67	34773	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.90	98	87997	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	8.19	79	14528	4.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
46) 2-Hexanone-d5	8.64	63	80376	53.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.44%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	30218	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	35460	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

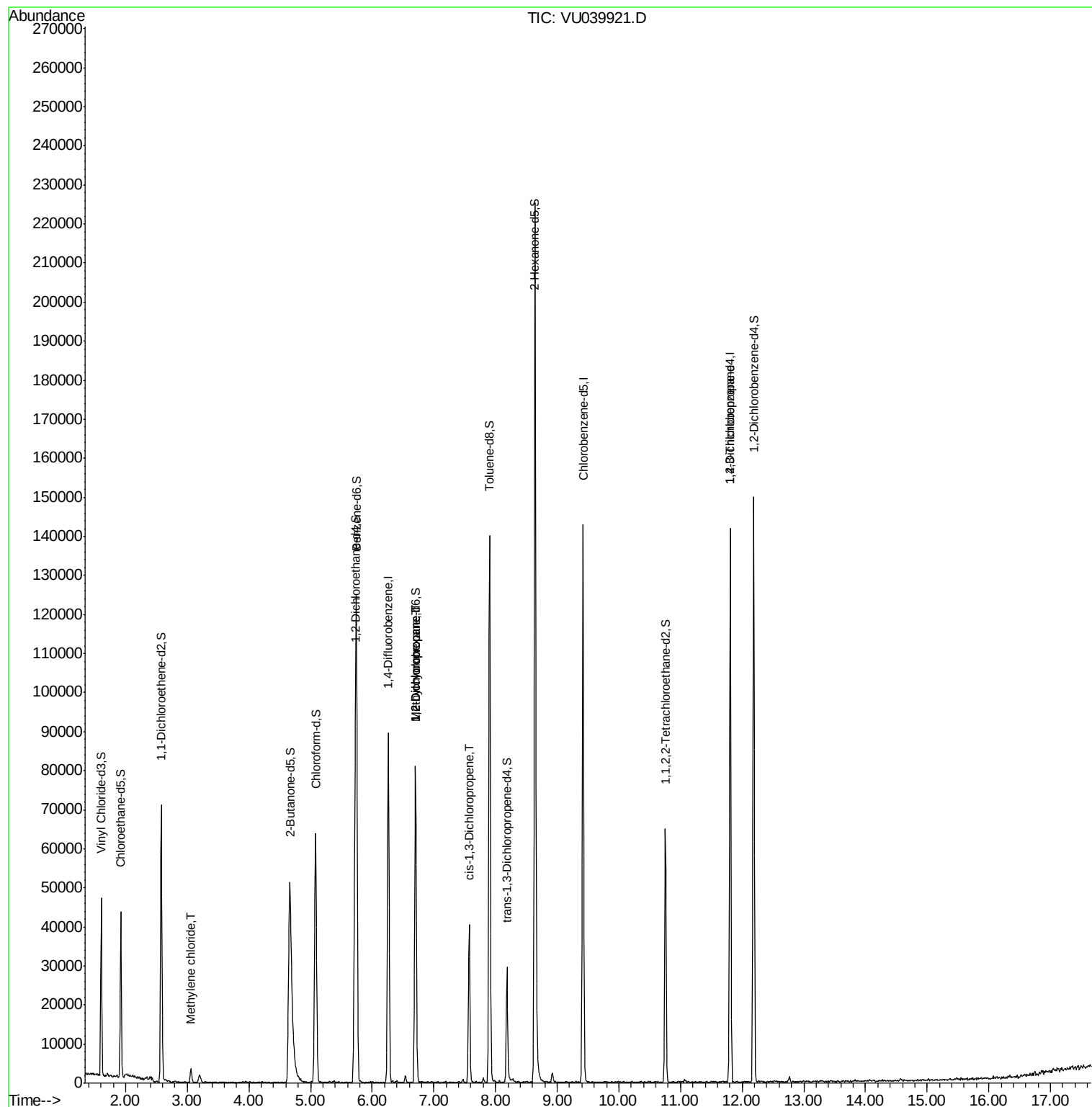
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.06	84	1436	0.174	ug/L #	88
35) Methylcyclohexane	6.70	83	7939	0.761	ug/L #	18
37) 1,2-Dichloropropane	6.70	63	3570	0.512	ug/L #	85
39) cis-1,3-Dichloropropene	7.57	75	1126	0.116	ug/L #	58
59) 1,2,3-Trichloropropane	11.81	75	5151	1.031	ug/L	94

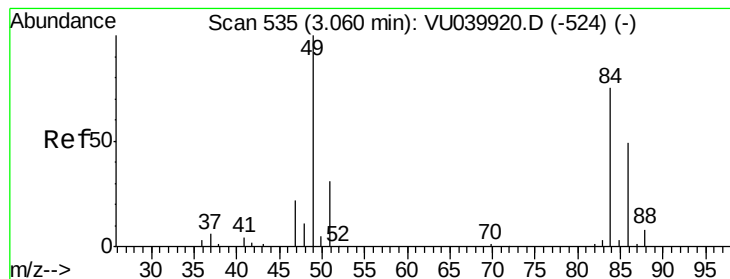
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 22 00:45:05 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.174 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

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VBLK23

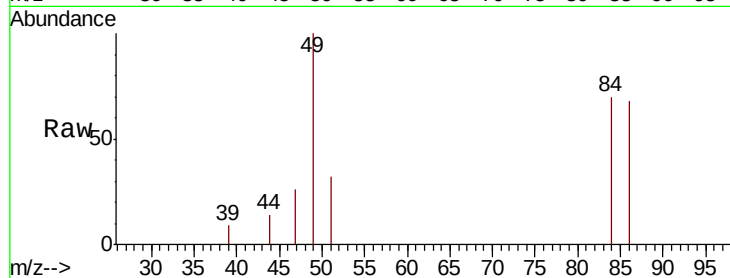
Tot Ion: 84 Resp: 1436

Ion Ratio Lower Upper

84 100

86 96.9 47.2 87.6#

49 142.6 99.8 185.4

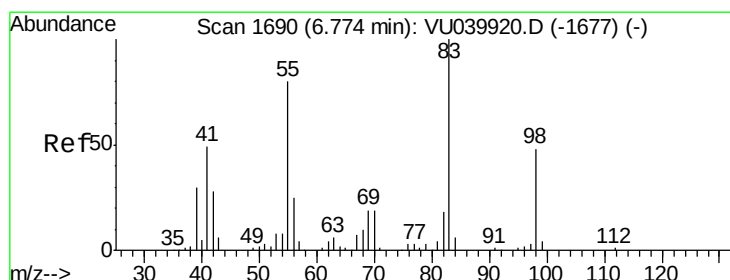
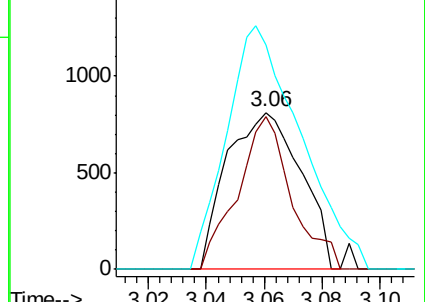
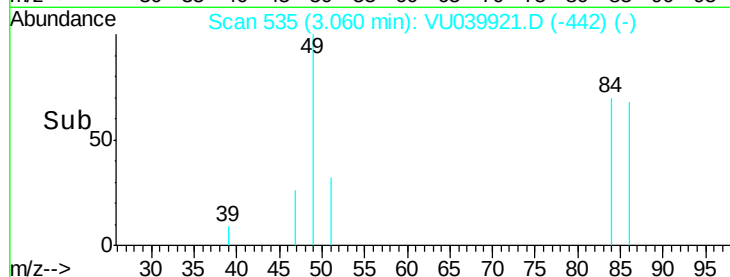


Abundance Ion 84.05 (83.75 to 84.75): VU039921.D (-442) (-)

Ion 86.00 (85.70 to 86.70): VU039921.D (-442) (-)

Ion 49.10 (48.80 to 49.80): VU039921.D (-442) (-)

Time-->



#35

Methylcyclohexane

Concen: 0.761 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.07 min

Lab File: VU039921.D

Acq: 21 Aug 2020 11:40

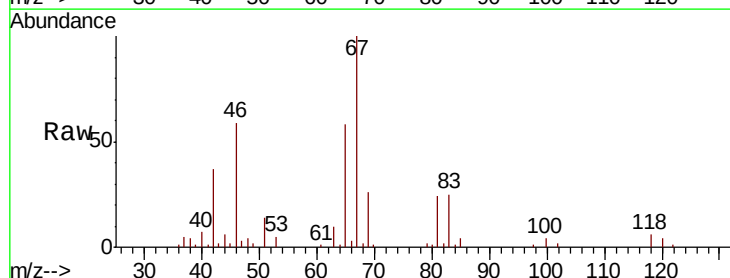
Tgt Ion: 83 Resp: 7939

Ion Ratio Lower Upper

83 100

55 0.0 64.1 96.1#

98 2.1 39.4 59.0#

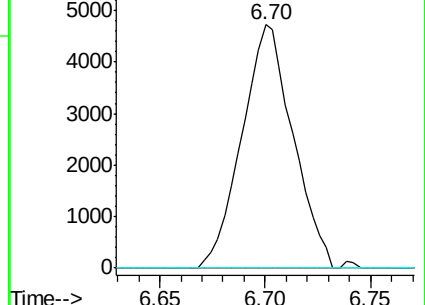
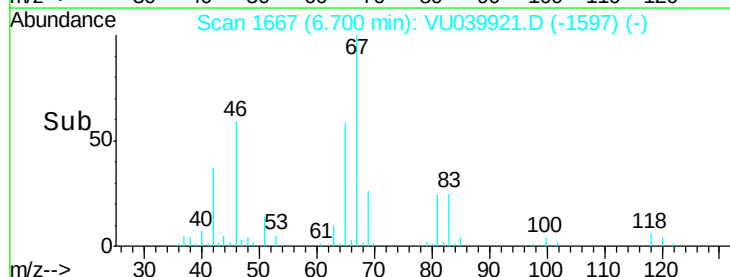


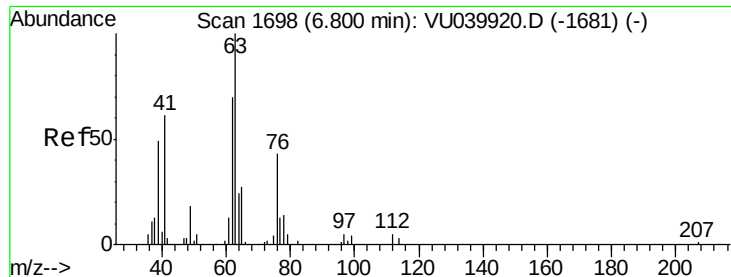
Abundance Ion 83.15 (82.85 to 83.85): VU039921.D (-1597) (-)

Ion 55.10 (54.80 to 55.80): VU039921.D (-1597) (-)

Ion 98.15 (97.85 to 98.85): VU039921.D (-1597) (-)

Time-->

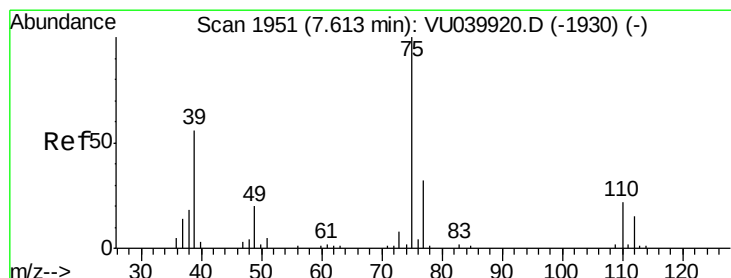
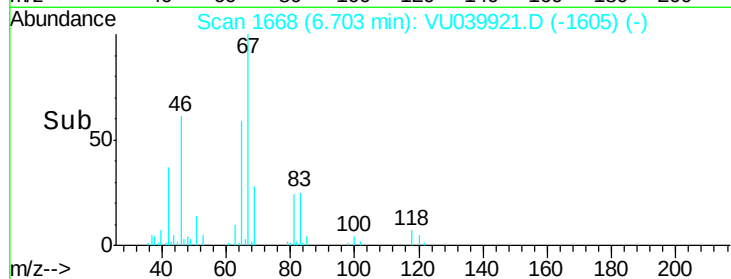
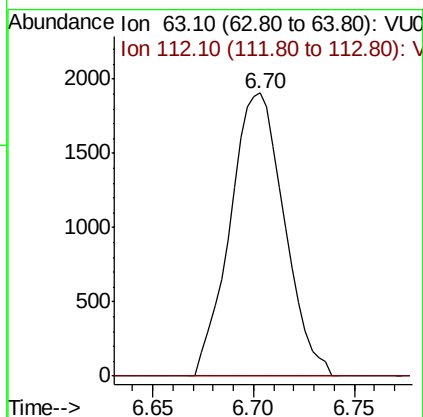
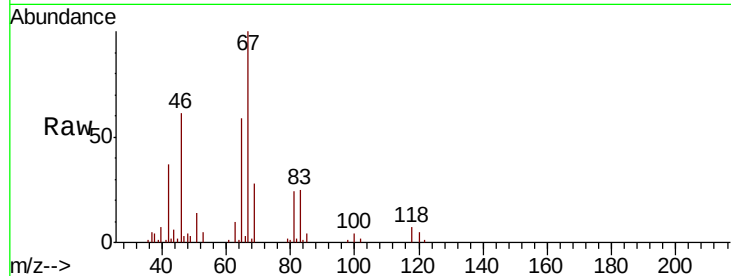




#37
 1,2-Dichloropropane
 Concen: 0.512 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU039921.D
 Acq: 21 Aug 2020 11:40

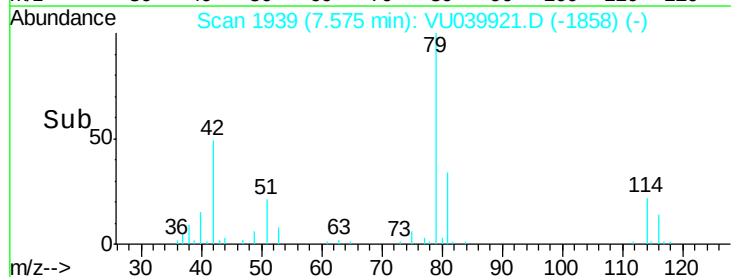
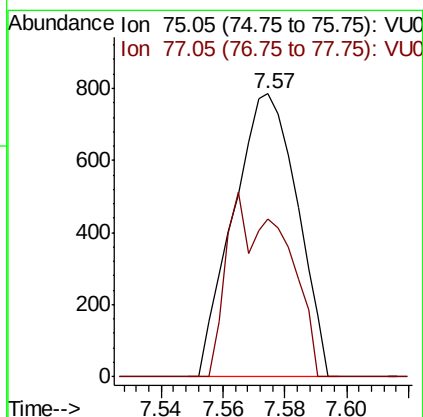
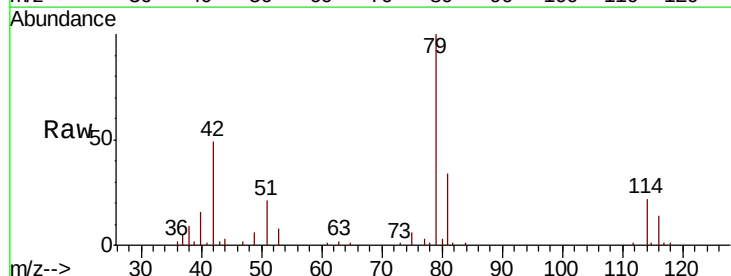
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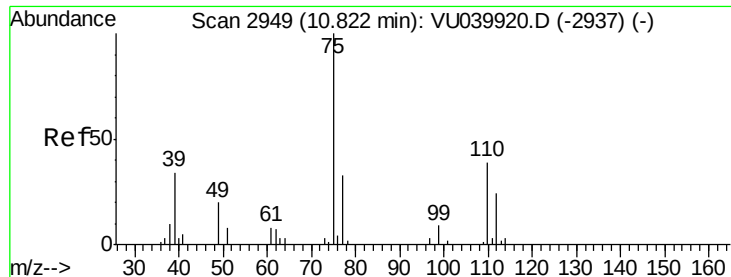
Tot Ion: 63 Resp: 3570
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.116 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039921.D
 Acq: 21 Aug 2020 11:40

Tgt Ion: 75 Resp: 1126
 Ion Ratio Lower Upper
 75 100
 77 55.7 22.6 42.0#





#59

1,2,3-Trichloropropane

Concen: 1.031 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039921.D

Acq: 21 Aug 2020 11:40

Instrument :

MSVOA_U

ClientSampleId :

VBLK23

Tot Ion: 75 Resp: 5151

Ion Ratio Lower Upper

75 100

77 38.0 27.4 41.2

