

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010421\
 Data File : VU041842.D
 Acq On : 04 Jan 2021 13:43
 Operator : SY/MD
 Sample : L5254-01 100X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 B0AH3

Quant Time: Jan 05 02:51:07 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 05 01:00:34 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	163858	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	151532	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	63986	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	53844	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.92	69	51338	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.58	63	75551	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	4.65	46	176844	48.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.12%
24) Chloroform-d	5.08	84	112626	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.72	65	60894	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.74	84	218231	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.70	67	68243	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.91	98	158608	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
43) trans-1,3-Dichloropropene-	8.19	79	25097	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.64	63	131136	39.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.42%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	55566	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	58976	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

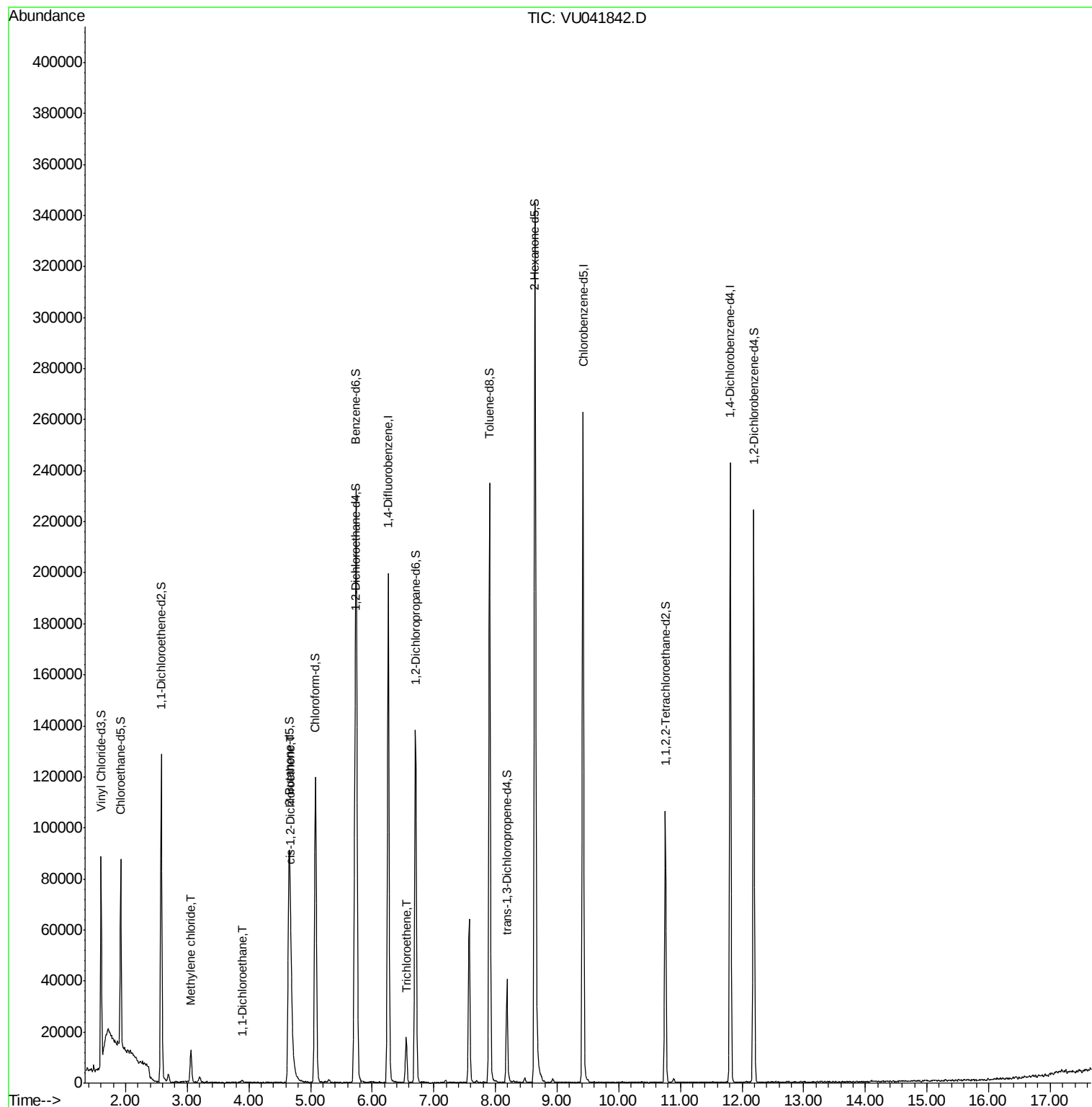
					Ovalue
16) Methylene chloride	3.06	84	5952	0.448 ug/L	91
19) 1,1-Dichloroethane	3.89	63	1398	0.065 ug/L #	74
22) cis-1,2-Dichloroethene	4.68	96	2758	0.217 ug/L	98
34) Trichloroethene	6.56	95	5693	0.467 ug/L	96

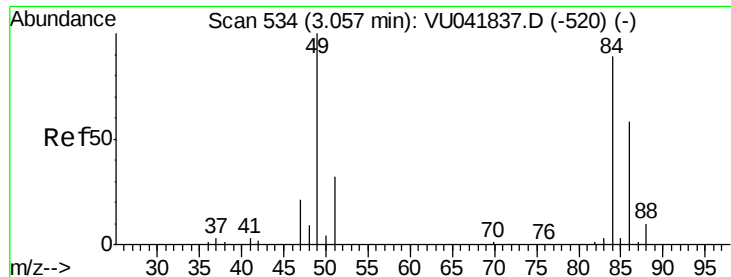
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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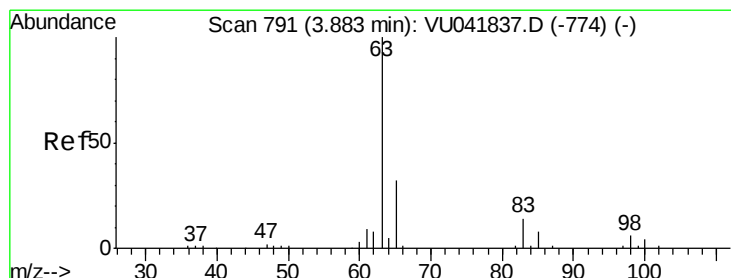
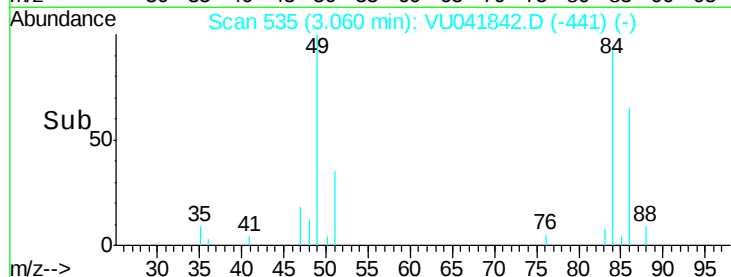
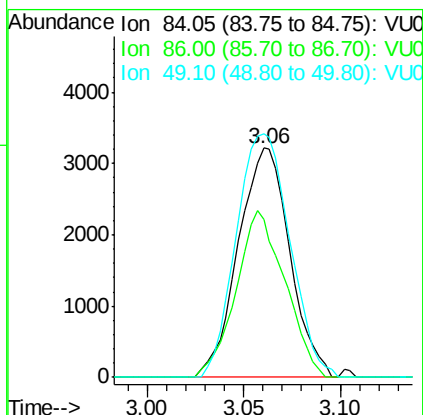
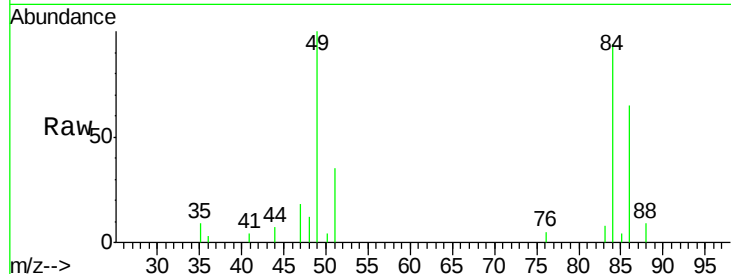




#16
Methvlene chloride
Concen: 0.448 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU041842.D
Acq: 04 Jan 2021 13:43

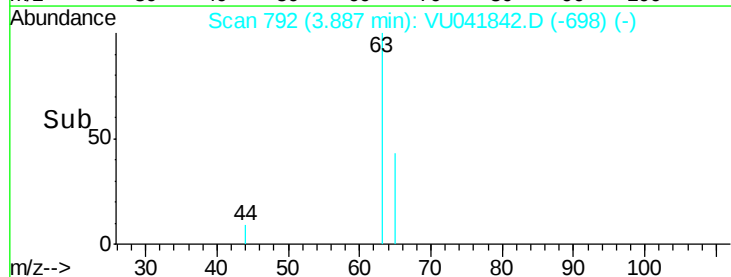
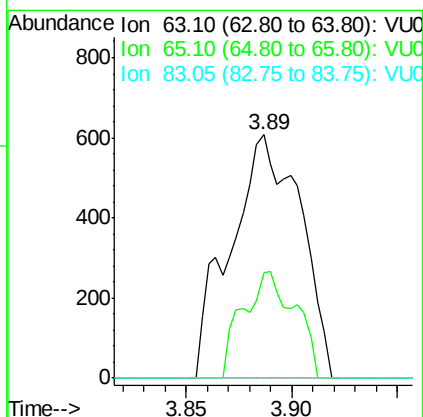
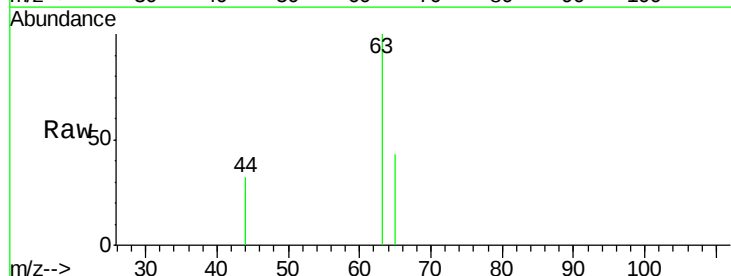
Instrument :
MSVOA_U
ClientSampleId :
B0AH3

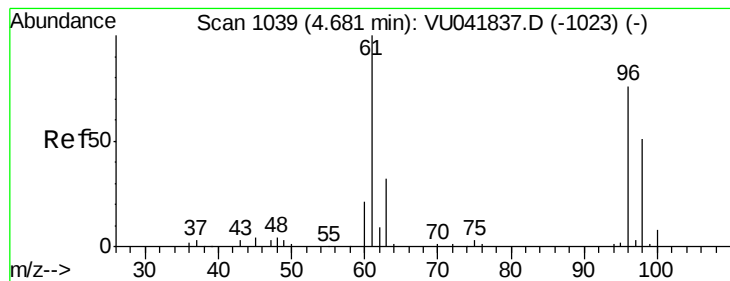
Tot Ion: 84 Resp: 5952
Ion Ratio Lower Upper
84 100
86 68.9 45.1 83.7
49 106.2 83.1 154.3



#19
1,1-Dichloroethane
Concen: 0.065 ug/L
RT: 3.89 min Scan# 792
Delta R.T. 0.00 min
Lab File: VU041842.D
Acq: 04 Jan 2021 13:43

Tgt Ion: 63 Resp: 1398
Ion Ratio Lower Upper
63 100
65 43.3 21.3 39.6#
83 0.0 9.3 17.3#





#22

cis-1,2-Dichloroethene

Concen: 0.217 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU041842.D

Acq: 04 Jan 2021 13:43

Instrument :

MSVOA_U

ClientSampleId :

B0AH3

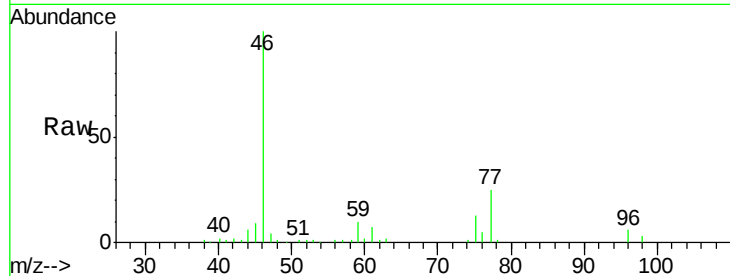
Tot Ion: 96 Resp: 2758

Ion Ratio Lower Upper

96 100

61 129.2 88.8 165.0

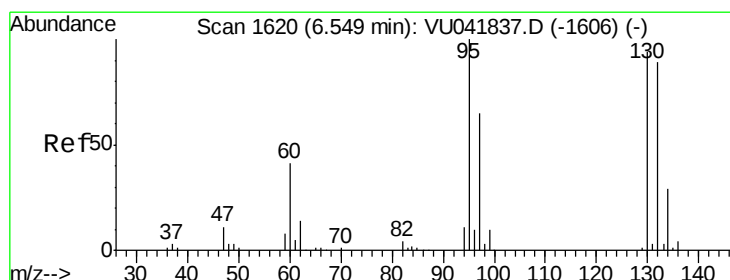
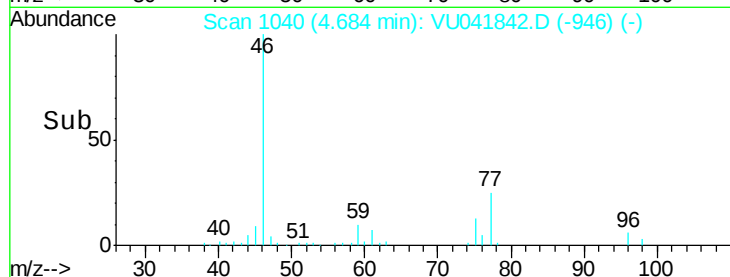
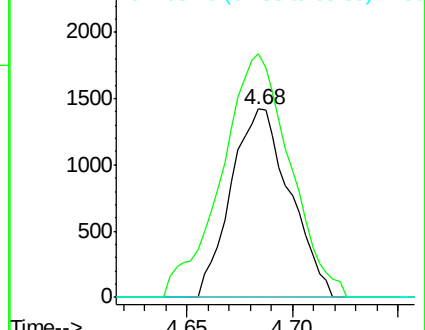
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU041837.D (-1023) (-)

Ion 61.05 (60.75 to 61.75): VU041837.D (-1023) (-)

Ion 68.15 (67.85 to 68.85): VU041837.D (-1023) (-)



#34

Trichloroethene

Concen: 0.467 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.01 min

Lab File: VU041842.D

Acq: 04 Jan 2021 13:43

Tgt Ion: 95 Resp: 5693

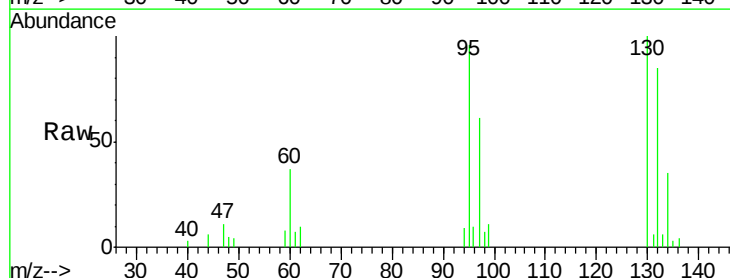
Ion Ratio Lower Upper

95 100

97 63.1 43.9 81.5

132 88.2 63.1 117.3

130 104.0 67.4 125.2



Abundance Ion 95.00 (94.70 to 95.70): VU041837.D (-1606) (-)

Ion 96.95 (96.65 to 97.65): VU041837.D (-1606) (-)

Ion 131.95 (131.65 to 132.65): VU041837.D (-1606) (-)

Ion 129.95 (129.65 to 130.65): VU041837.D (-1606) (-)

