

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102819\
 Data File : VU035529.D
 Acq On : 28 Oct 2019 11:42
 Operator : JC/SP
 Sample : VU1028WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 04:21:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 30 04:18:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	225182	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	239874	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	108065	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	118826	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.93	69	103626	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.20%
11) 1,1-Dichloroethene-d2	2.59	63	150879	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	4.71	46	310230	52.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.68%
24) Chloroform-d	5.11	84	195907	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.75	65	107516	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.77	84	389753	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.74	67	132833	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.93	98	326519	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	8.22	79	50176	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.69	63	229504	55.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.98%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	106742	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	110290	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

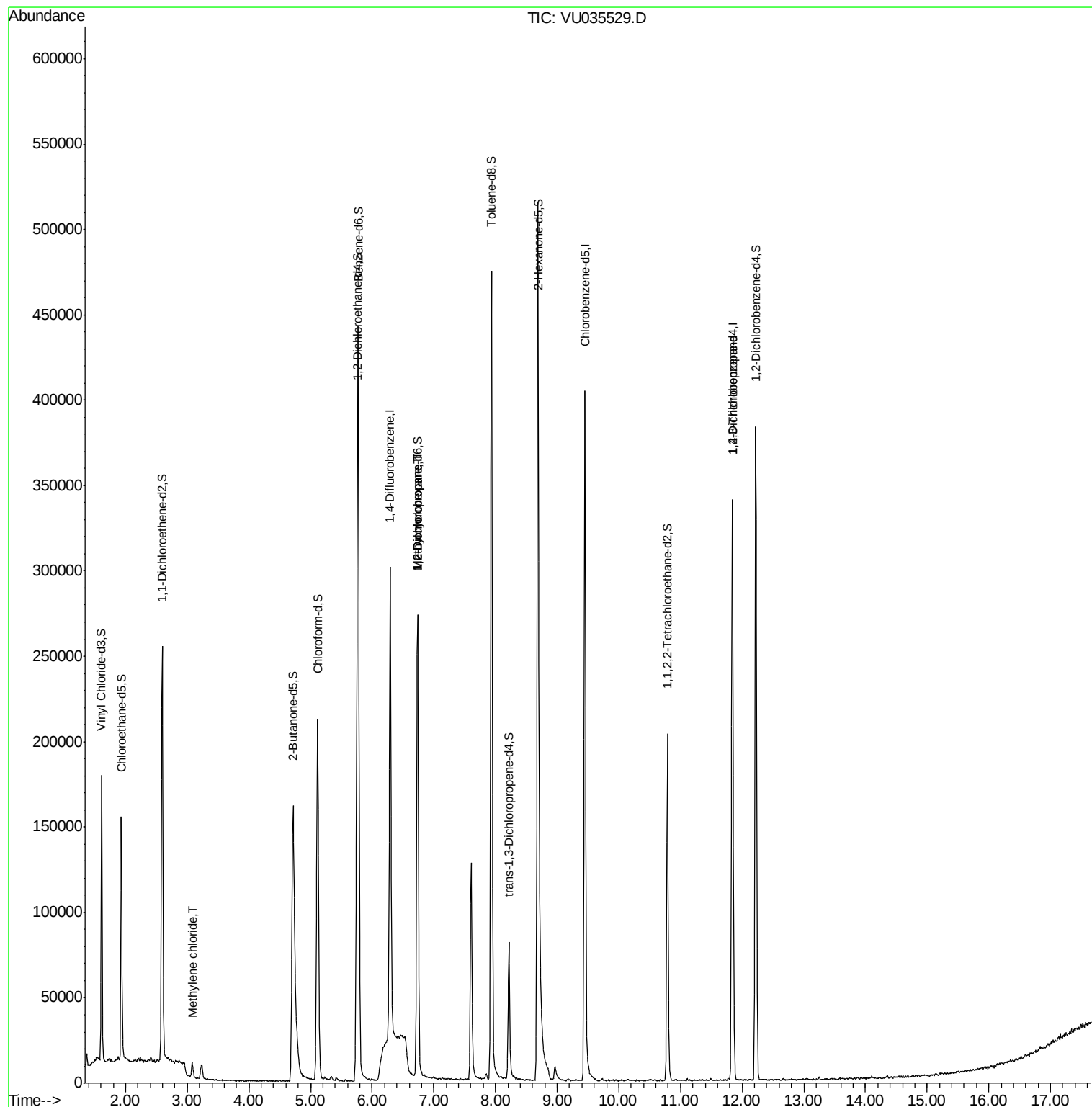
					Ovalue
16) Methylene chloride	3.08	84	4196	0.151 ug/L	93
35) Methylcyclohexane	6.74	83	29425	0.810 ug/L #	16
37) 1,2-Dichloropropane	6.73	63	13777	0.546 ug/L #	86
59) 1,2,3-Trichloropropane	11.84	75	13266	0.820 ug/L	99

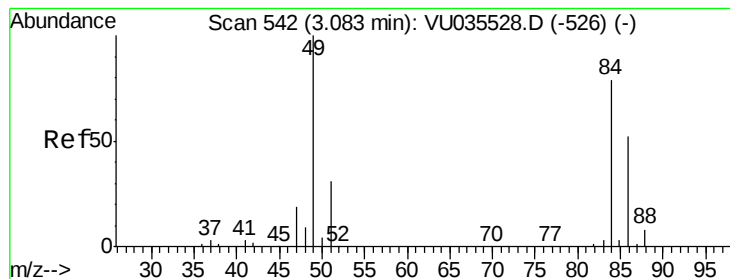
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.151 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

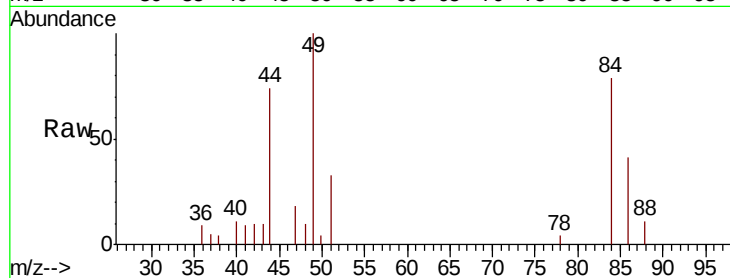
Tot Ion: 84 Resp: 4196

Ion Ratio Lower Upper

84 100

86 52.1 43.7 81.1

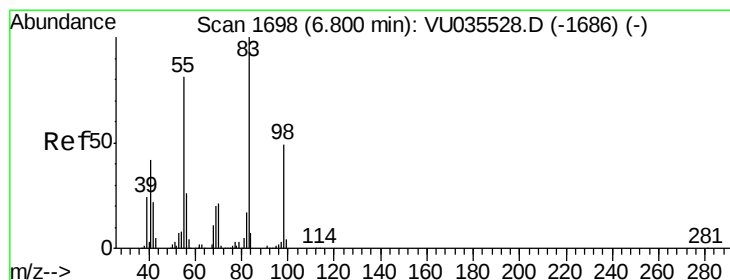
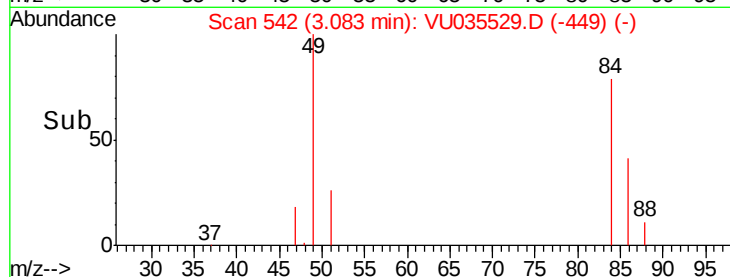
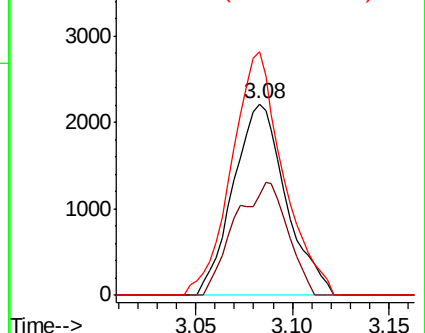
49 132.3 89.5 166.3



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: 0.810 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU035529.D

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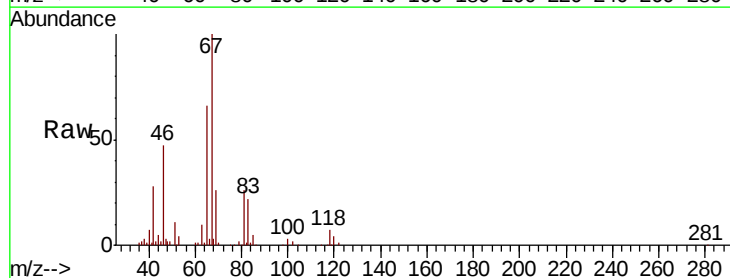
Tgt Ion: 83 Resp: 29425

Ion Ratio Lower Upper

83 100

55 0.0 67.3 100.9#

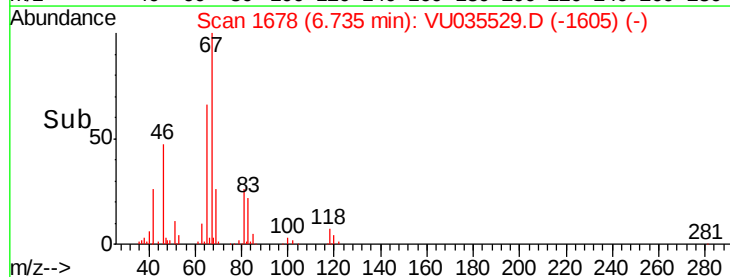
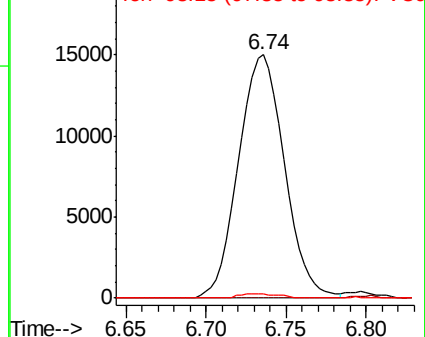
98 1.5 39.0 58.6#

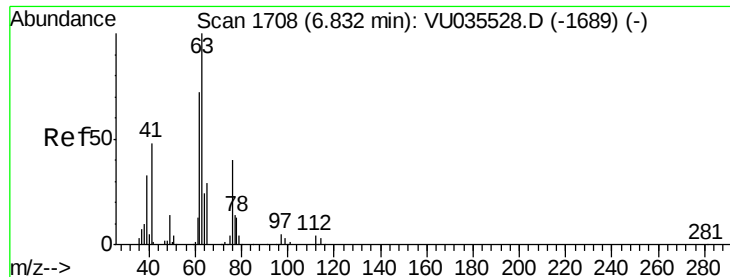


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

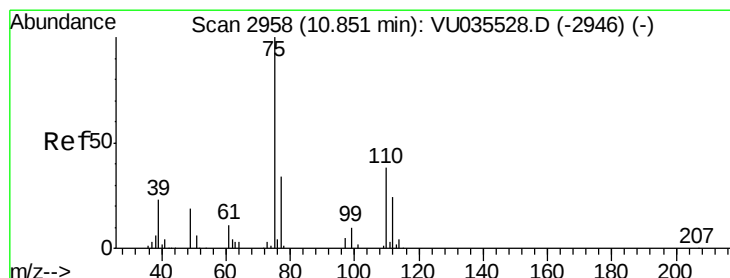
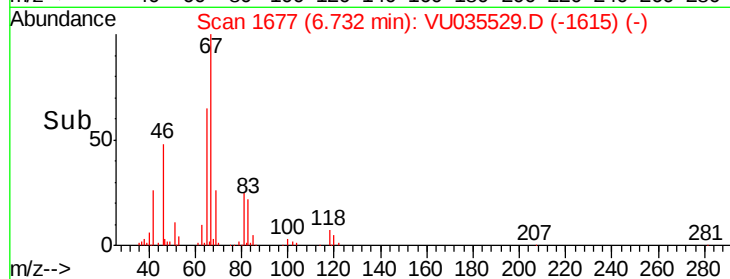
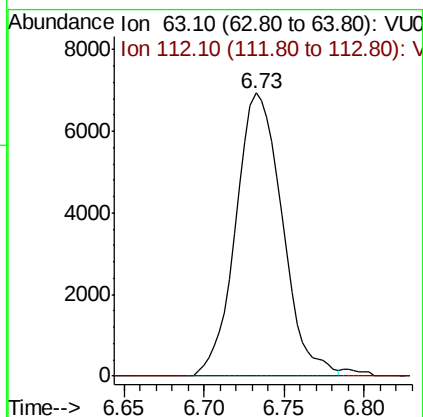
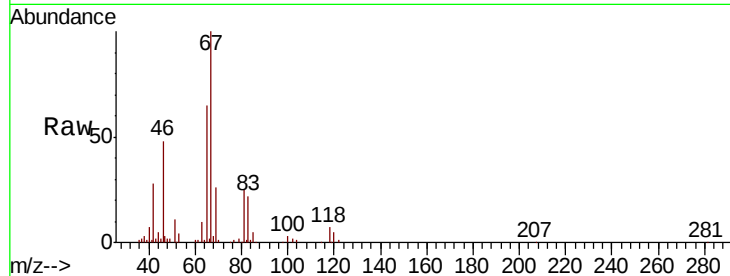




#37
 1,2-Dichloropropane
 Concen: 0.546 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU035529.D
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Tot Ion: 63 Resp: 13777
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#59
 1,2,3-Trichloropropane
 Concen: 0.820 ug/L
 RT: 11.84 min Scan# 3265
 Delta R.T. 0.99 min
 Lab File: VU035529.D
 Acq: 28 Oct 2019 11:42

Tgt Ion: 75 Resp: 13266
 Ion Ratio Lower Upper
 75 100
 77 33.4 27.4 41.0

