

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\
 Data File : VU039145.D
 Acq On : 26 Jun 2020 04:08
 Operator : SY/MD
 Sample : L3104-11 40X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q65

Quant Time: Jun 26 06:33:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 04:20:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	235115	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	240012	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	99785	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	72197	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.93	69	73784	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.59	63	115155	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.68	46	407132	65.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.04%#
24) Chloroform-d	5.10	84	184482	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
26) 1,2-Dichloroethane-d4	5.74	65	118732	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.00%
32) Benzene-d6	5.76	84	334129	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.72	67	115441	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.92	98	248091	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	8.20	79	45178	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.66	63	292654	58.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.68%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	107799	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	103315	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

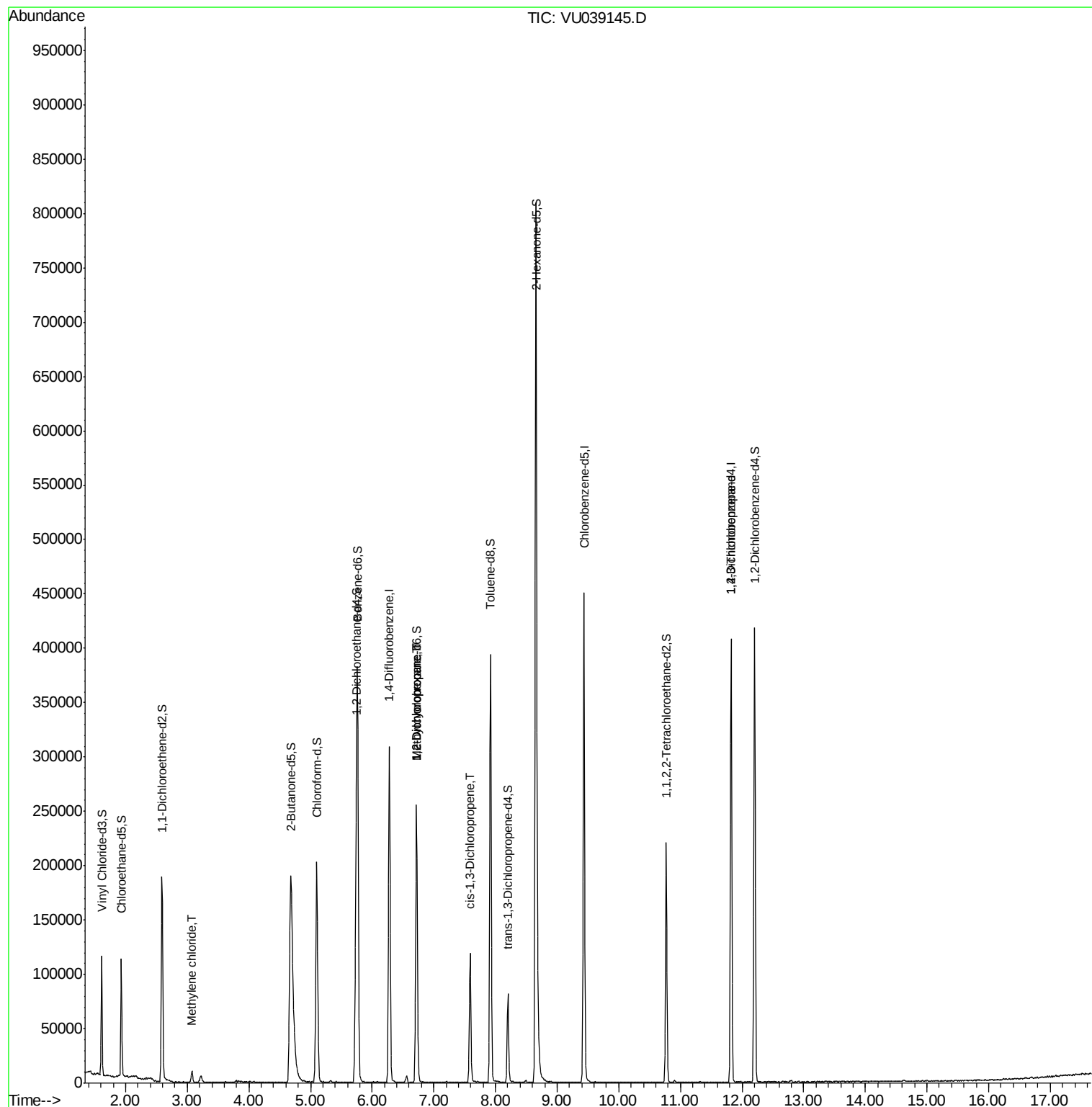
					Ovalue
16) Methylene chloride	3.08	84	4547	0.226 ug/L	93
35) Methylcyclohexane	6.72	83	28066	1.037 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	13568	0.664 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	2971	0.105 ug/L #	82
59) 1,2,3-Trichloropropane	11.83	75	13376	0.868 ug/L	94

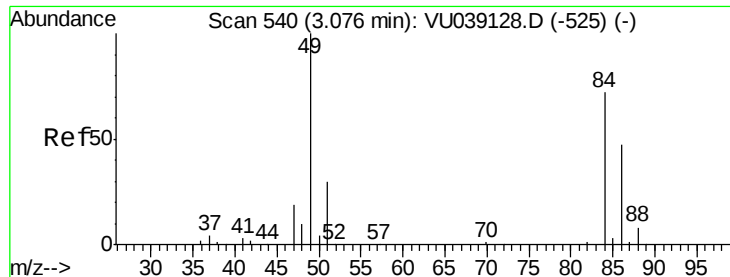
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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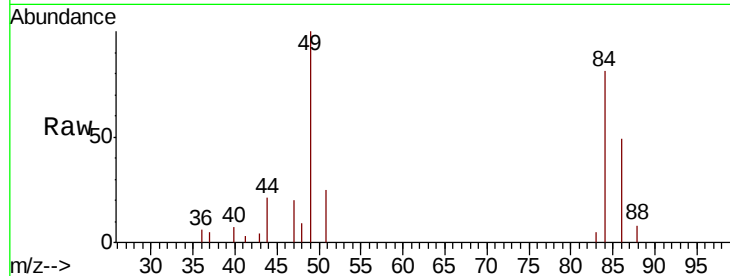




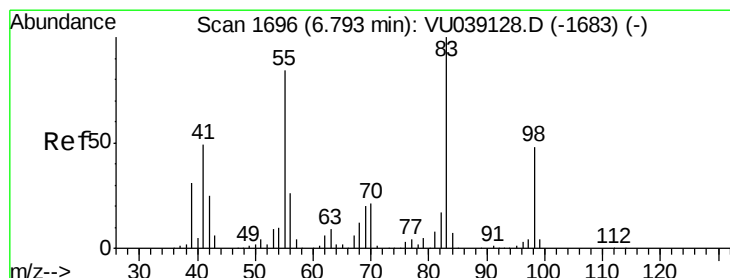
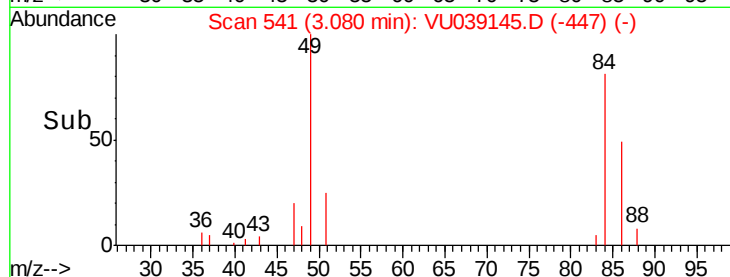
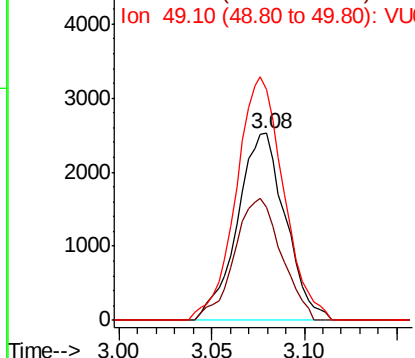
#16
Methylene chloride
Concen: 0.226 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU039145.D
Acq: 26 Jun 2020 04:08

Instrument :
MSVOA_U
ClientSampleId :
F9Q65

Tot Ion: 84 Resp: 4547
Ion Ratio Lower Upper
84 100
86 60.3 44.1 81.9
49 123.5 93.1 172.9

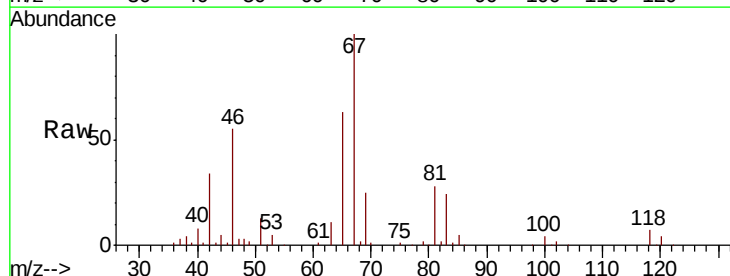


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

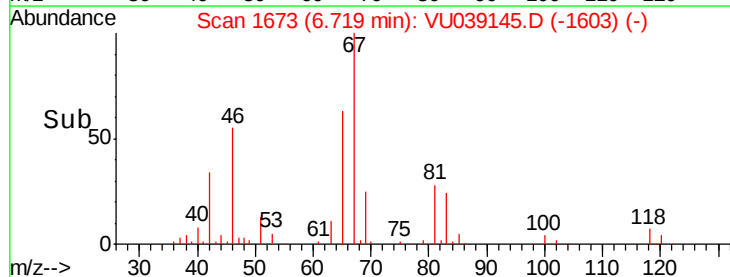
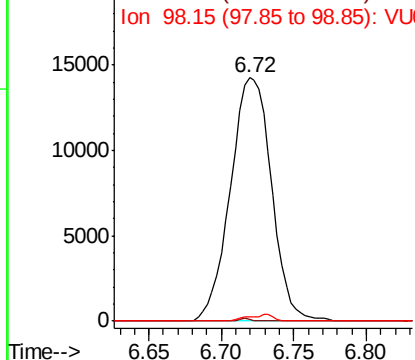


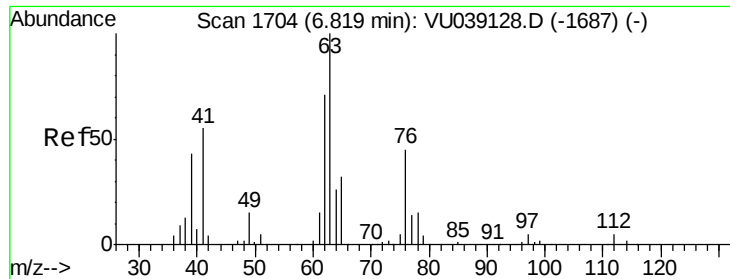
#35
Methylcyclohexane
Concen: 1.037 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039145.D
Acq: 26 Jun 2020 04:08

Tgt Ion: 83 Resp: 28066
Ion Ratio Lower Upper
83 100
55 0.3 65.5 98.3#
98 1.7 36.5 54.7#



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

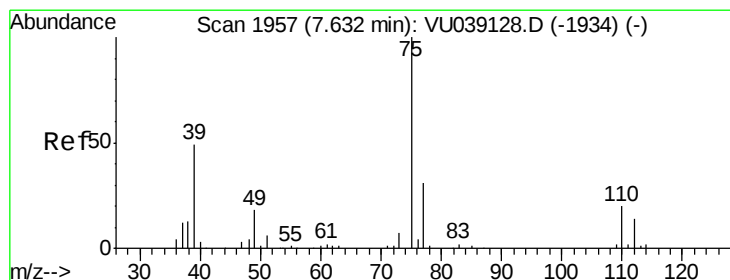
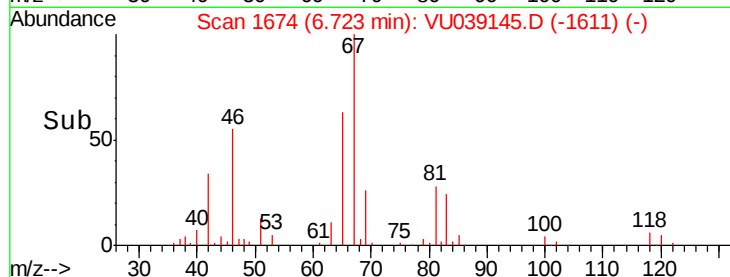
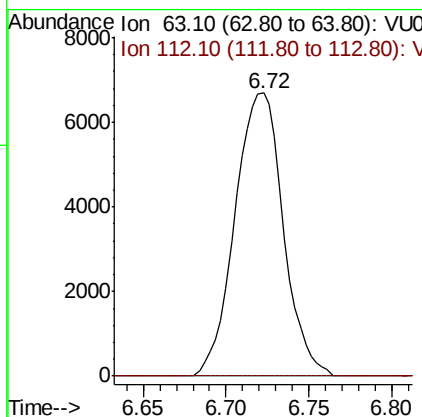
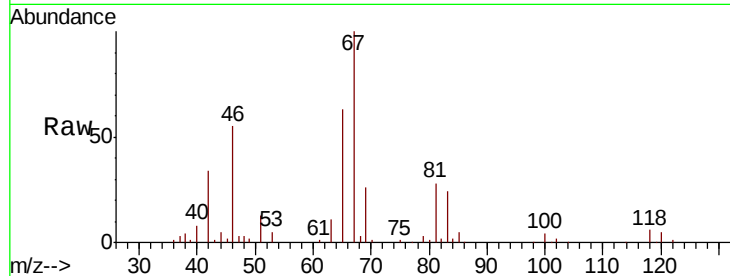




#37
 1,2-Dichloropropane
 Concen: 0.664 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU039145.D
 Acq: 26 Jun 2020 04:08

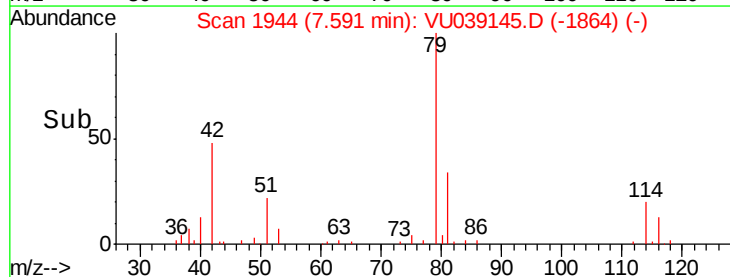
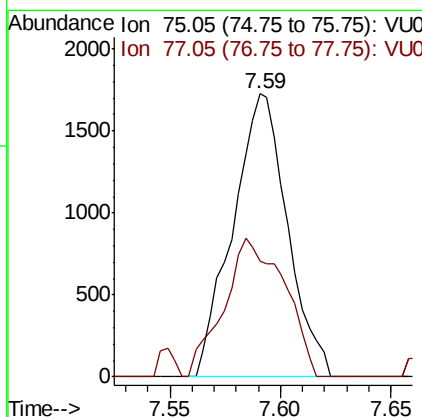
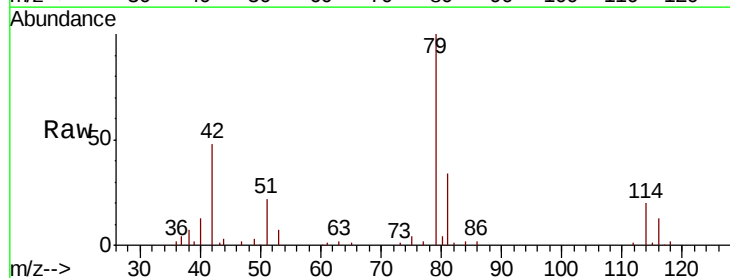
Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q65

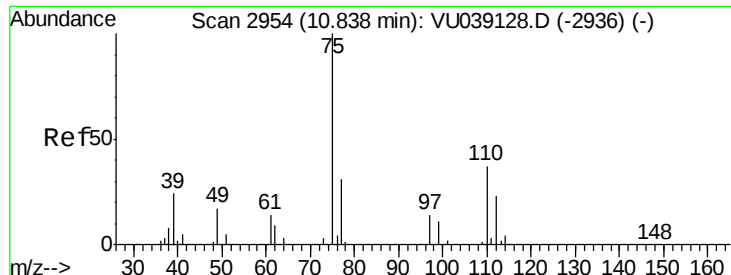
Tot Ion: 63 Resp: 13568
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039145.D
 Acq: 26 Jun 2020 04:08

Tgt Ion: 75 Resp: 2971
 Ion Ratio Lower Upper
 75 100
 77 40.6 21.6 40.0#





#59

1,2,3-Trichloropropane

Concen: 0.868 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU039145.D

Acq: 26 Jun 2020 04:08

Instrument :

MSVOA_U

ClientSampleId :

F9Q65

Tot Ion: 75 Resp: 13376

Ion Ratio Lower Upper

75 100

77 36.3 26.2 39.2

