

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U062520\
 Data File : VU039140.D
 Acq On : 26 Jun 2020 02:13
 Operator : SY/MD
 Sample : L3104-06 40X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q20

Quant Time: Jun 26 04:23:12 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	239292	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	240288	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	99306	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	75587	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.93	69	74771	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.20%
11) 1,1-Dichloroethene-d2	2.59	63	115958	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	4.68	46	420050	66.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.84%#
24) Chloroform-d	5.10	84	183904	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	5.74	65	119257	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.60%
32) Benzene-d6	5.76	84	339806	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.72	67	119636	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.92	98	248572	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	8.20	79	46310	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.65	63	301081	59.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.90%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	111578	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	104236	5.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.60%

Target Compounds

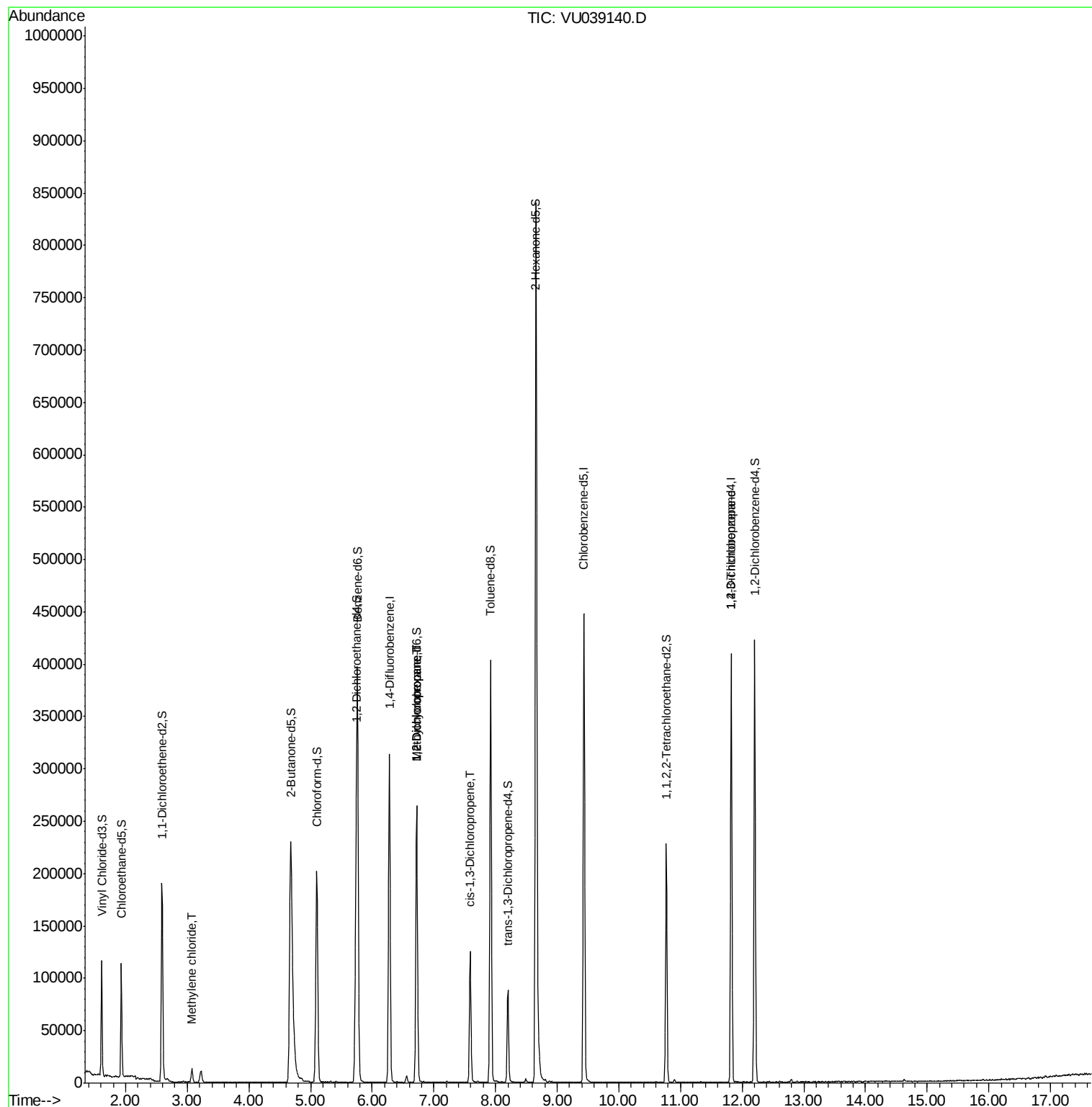
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.08	84	5490	0.269	ug/L	94
35) Methylcyclohexane	6.72	83	28765	1.062	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	13676	0.669	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3704	0.131	ug/L #	83
59) 1,2,3-Trichloropropane	11.82	75	13752	0.892	ug/L	96

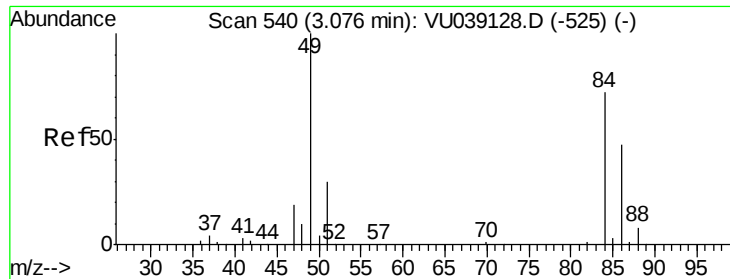
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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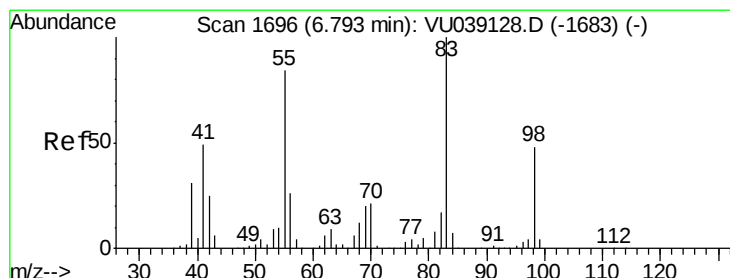
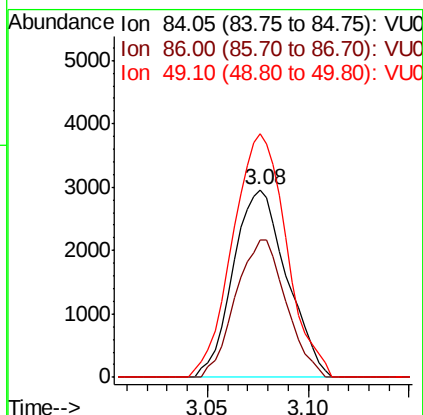
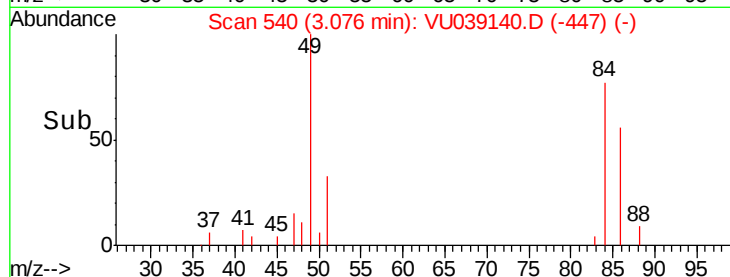
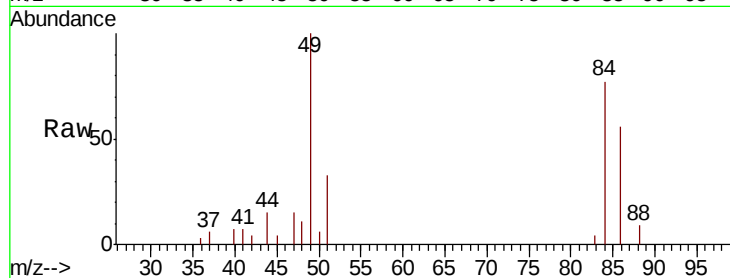




#16
Methvlene chloride
Concen: 0.269 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU039140.D
Acq: 26 Jun 2020 02:13

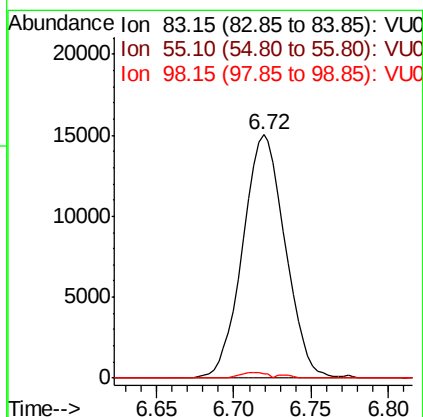
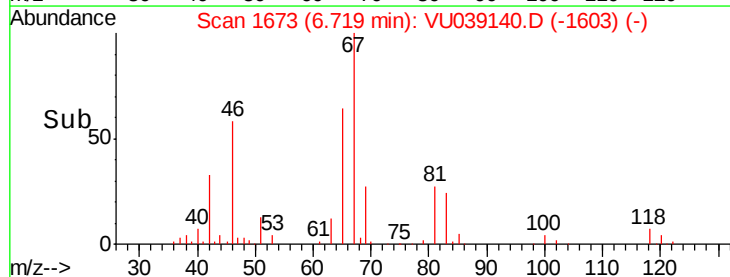
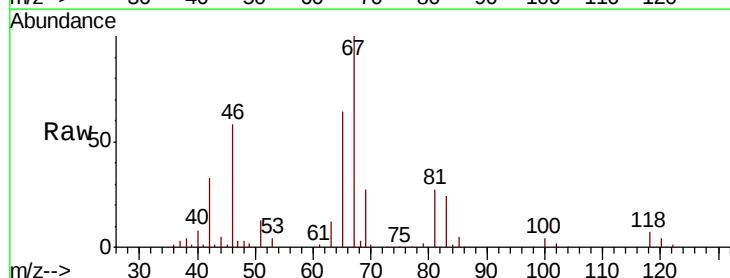
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F9Q20

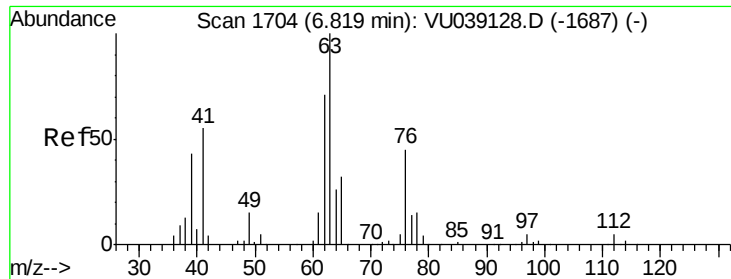
Tot Ion: 84 Resp: 5490
Ion Ratio Lower Upper
84 100
86 73.2 44.1 81.9
49 129.9 93.1 172.9



#35
Methylcyclohexane
Concen: 1.062 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039140.D
Acq: 26 Jun 2020 02:13

Tgt Ion: 83 Resp: 28765
Ion Ratio Lower Upper
83 100
55 0.0 65.5 98.3#
98 1.3 36.5 54.7#

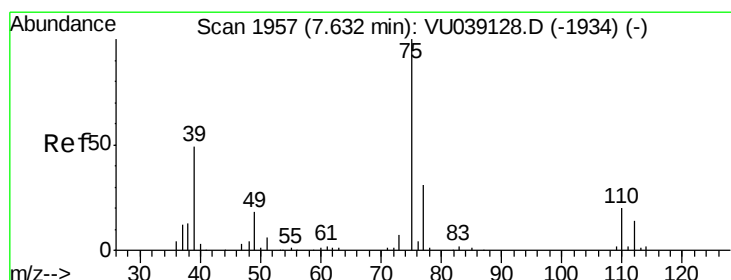
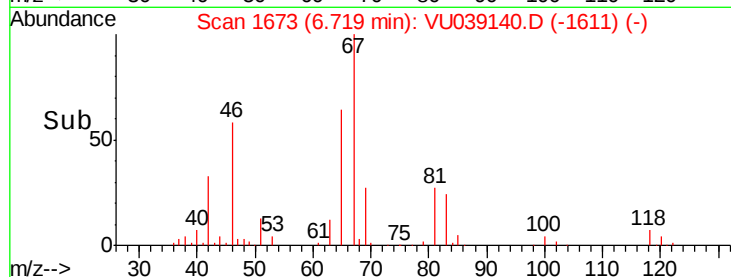
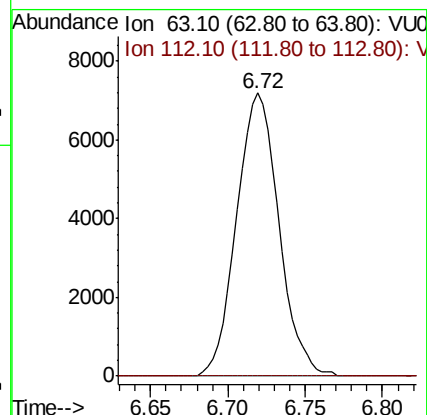
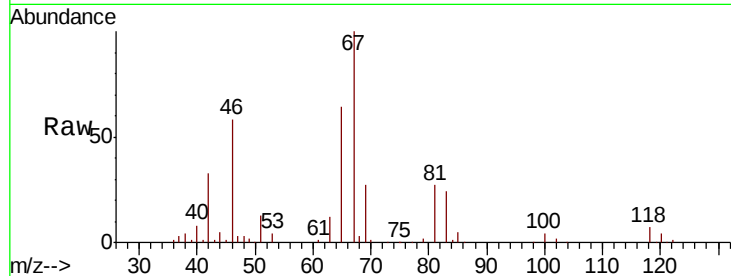




#37
 1,2-Dichloropropane
 Concen: 0.669 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU039140.D
 Acq: 26 Jun 2020 02:13

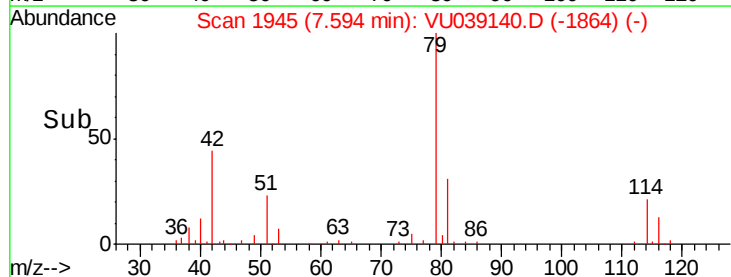
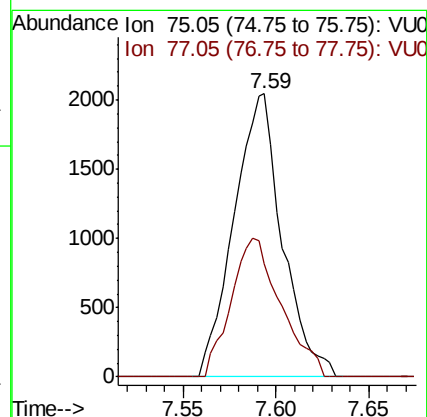
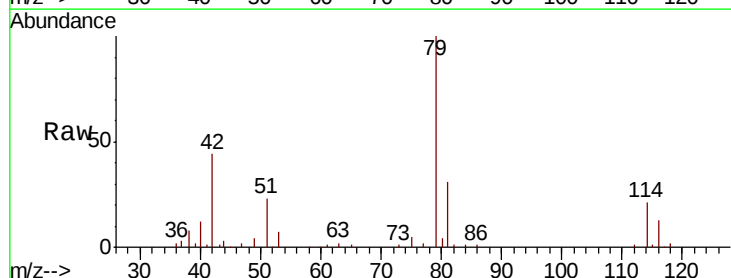
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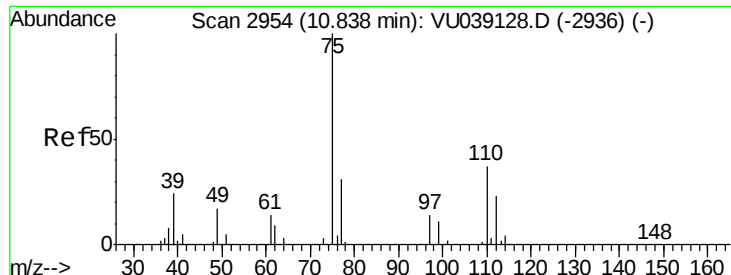
Tot Ion: 63 Resp: 13676
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.131 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU039140.D
 Acq: 26 Jun 2020 02:13

Tgt Ion: 75 Resp: 3704
 Ion Ratio Lower Upper
 75 100
 77 40.1 21.6 40.0#





#59

1,2,3-Trichloropropane

Concen: 0.892 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039140.D

Acq: 26 Jun 2020 02:13

Instrument :

MSVOA_U

ClientSampleId :

F9Q20

Tot Ion: 75 Resp: 13752

Ion Ratio Lower Upper

75 100

77 35.0 26.2 39.2

