

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061320\
 Data File : VU038850.D
 Acq On : 12 Jun 2020 14:46
 Operator : SY/MD
 Sample : L2933-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 13 00:58:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 13 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	291506	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	292243	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	134905	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	73500	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.93	69	61271	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.59	63	117333	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.68	46	241462	48.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.84%
24) Chloroform-d	5.10	84	159413	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.74	65	93905	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.76	84	315390	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.72	67	96597	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.92	98	266846	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	8.20	79	39493	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.65	63	204463	50.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.44%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	79719	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	106588	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

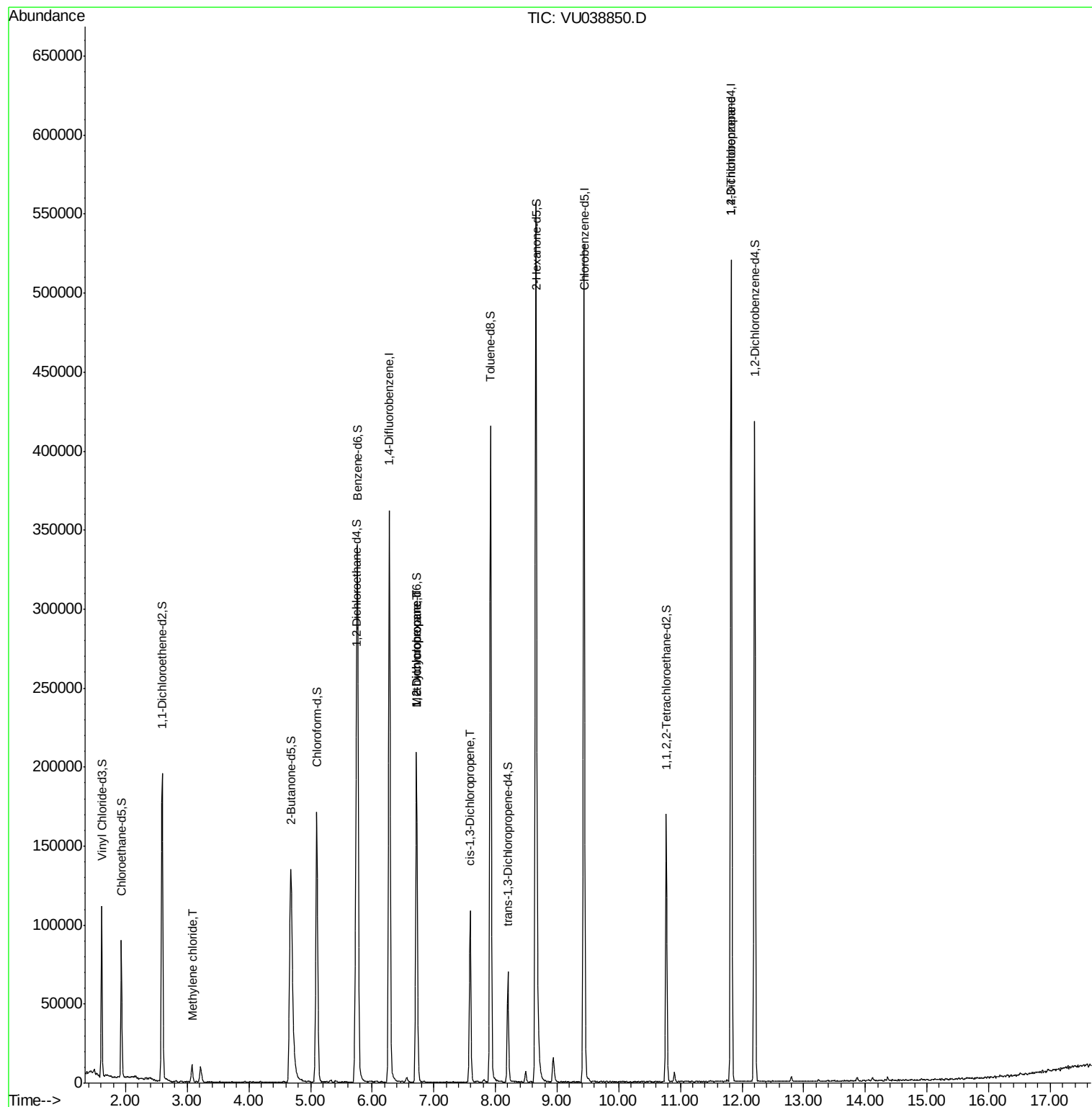
					Ovalue
16) Methylene chloride	3.08	84	4747	0.202 ug/L	84
35) Methylcyclohexane	6.72	83	22788	0.636 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	10591	0.476 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	2408	0.073 ug/L #	46
59) 1,2,3-Trichloropropane	11.83	75	16526	1.001 ug/L	90

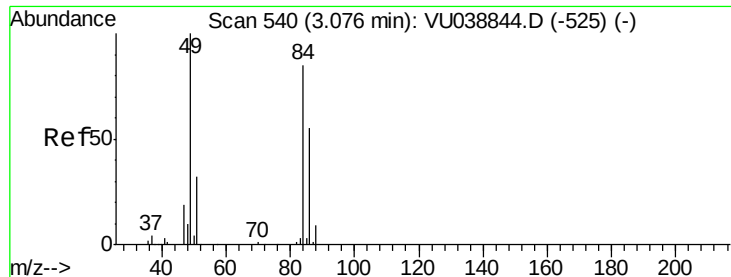
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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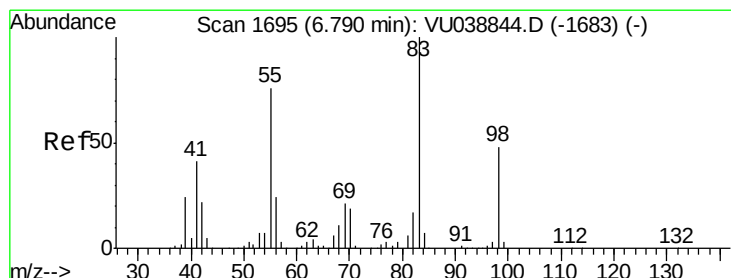
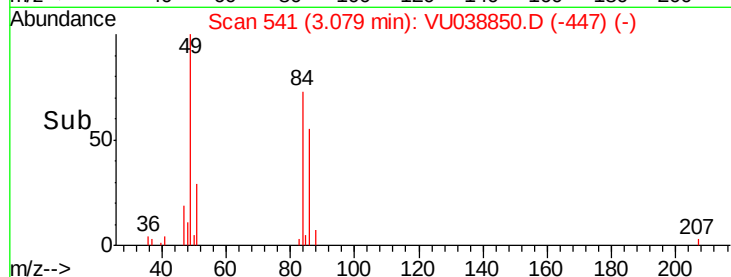
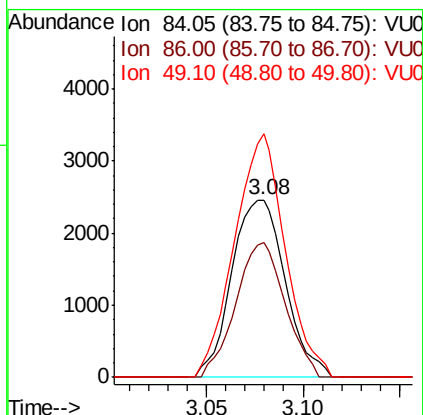
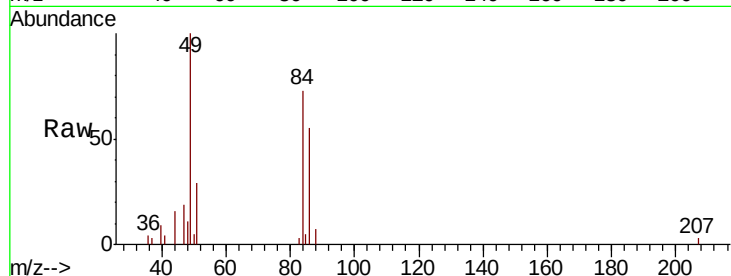




#16
Methylene chloride
Concen: 0.202 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU038850.D
Acq: 12 Jun 2020 14:46

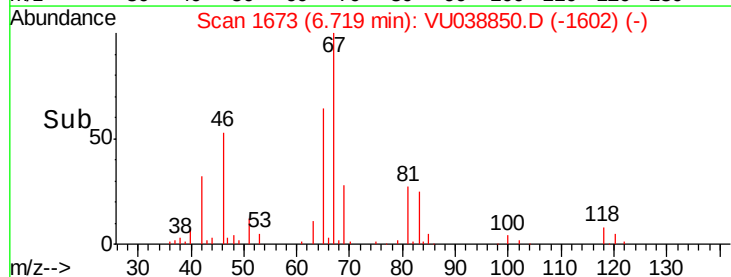
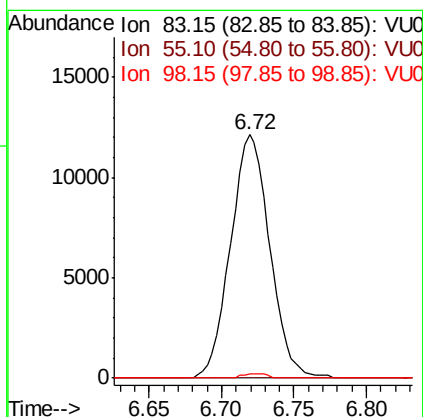
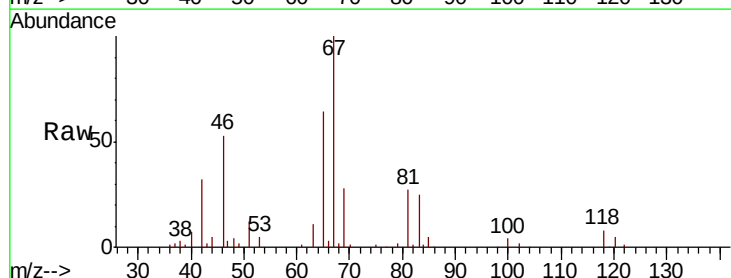
Instrument :
MSVOA_U
ClientSampleId :

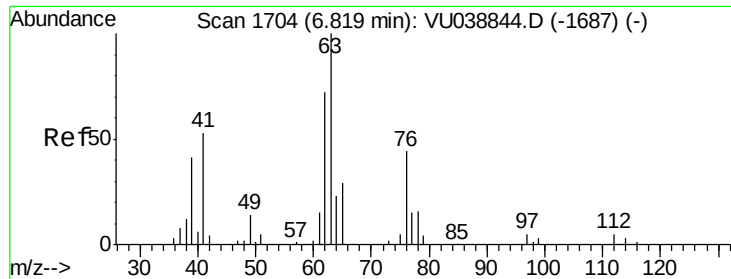
Tot Ion: 84 Resp: 4747
Ion Ratio Lower Upper
84 100
86 75.9 43.0 80.0
49 137.4 85.0 157.8



#35
Methylcyclohexane
Concen: 0.636 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038850.D
Acq: 12 Jun 2020 14:46

Tgt Ion: 83 Resp: 22788
Ion Ratio Lower Upper
83 100
55 0.0 64.2 96.2#
98 1.1 40.5 60.7#

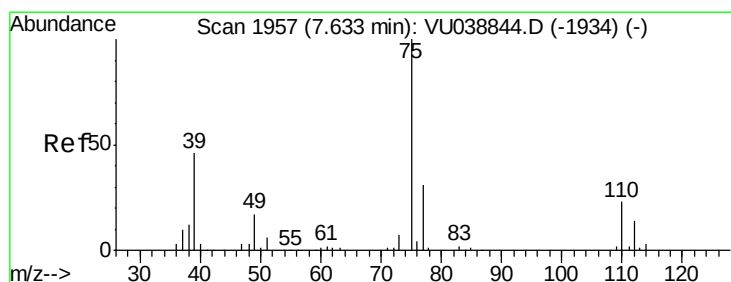
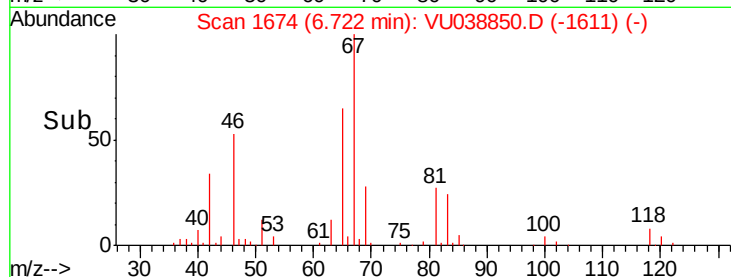
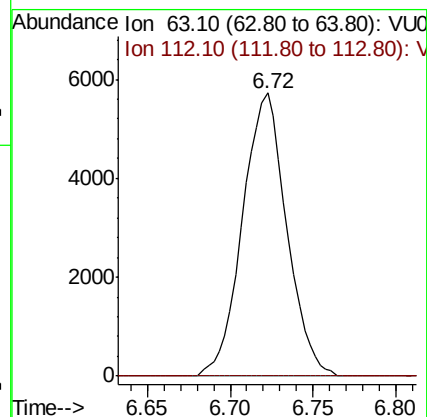
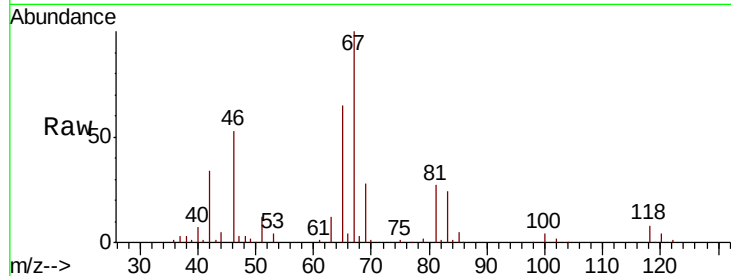




#37
 1,2-Dichloropropane
 Concen: 0.476 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038850.D
 Acq: 12 Jun 2020 14:46

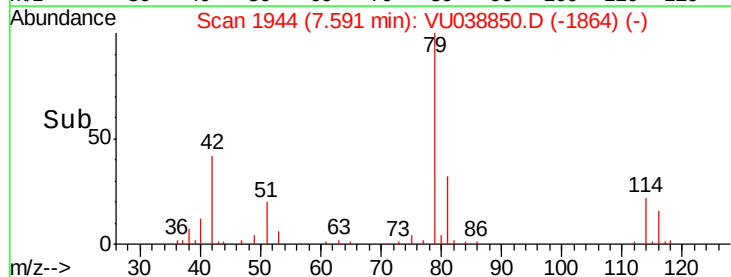
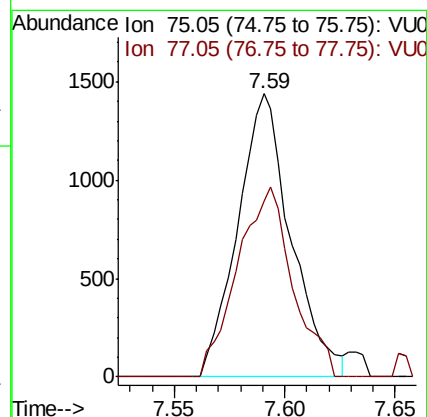
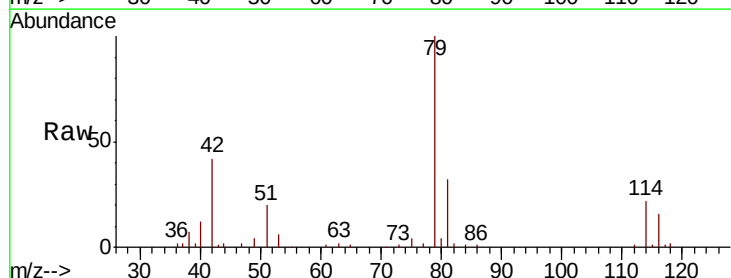
Instrument :
 MSVOA_U
 ClientSampleId :

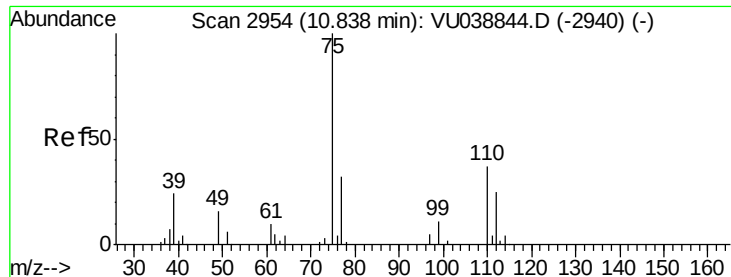
Tot Ion: 63 Resp: 10591
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.073 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038850.D
 Acq: 12 Jun 2020 14:46

Tgt Ion: 75 Resp: 2408
 Ion Ratio Lower Upper
 75 100
 77 62.0 22.4 41.6#





#59

1,2,3-Trichloropropane

Concen: 1.001 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU038850.D

Acq: 12 Jun 2020 14:46

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 16526

Ion Ratio Lower Upper

75 100

77 37.9 25.8 38.8

