

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081720\
 Data File : VU039894.D
 Acq On : 17 Aug 2020 18:15
 Operator : SY/MD
 Sample : L3517-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Aug 18 04:27:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 18 04:18:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	77445	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	77752	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	36757	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	18053	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	1.92	69	20524	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.58	63	26391	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.65	46	100457	54.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.24%
24) Chloroform-d	5.08	84	47039	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.72	65	29587	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.74	84	81356	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.70	67	30204	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.91	98	63771	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
43) trans-1,3-Dichloropropene-	8.19	79	11282	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.64	63	70228	53.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.86%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	27995	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	30065	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

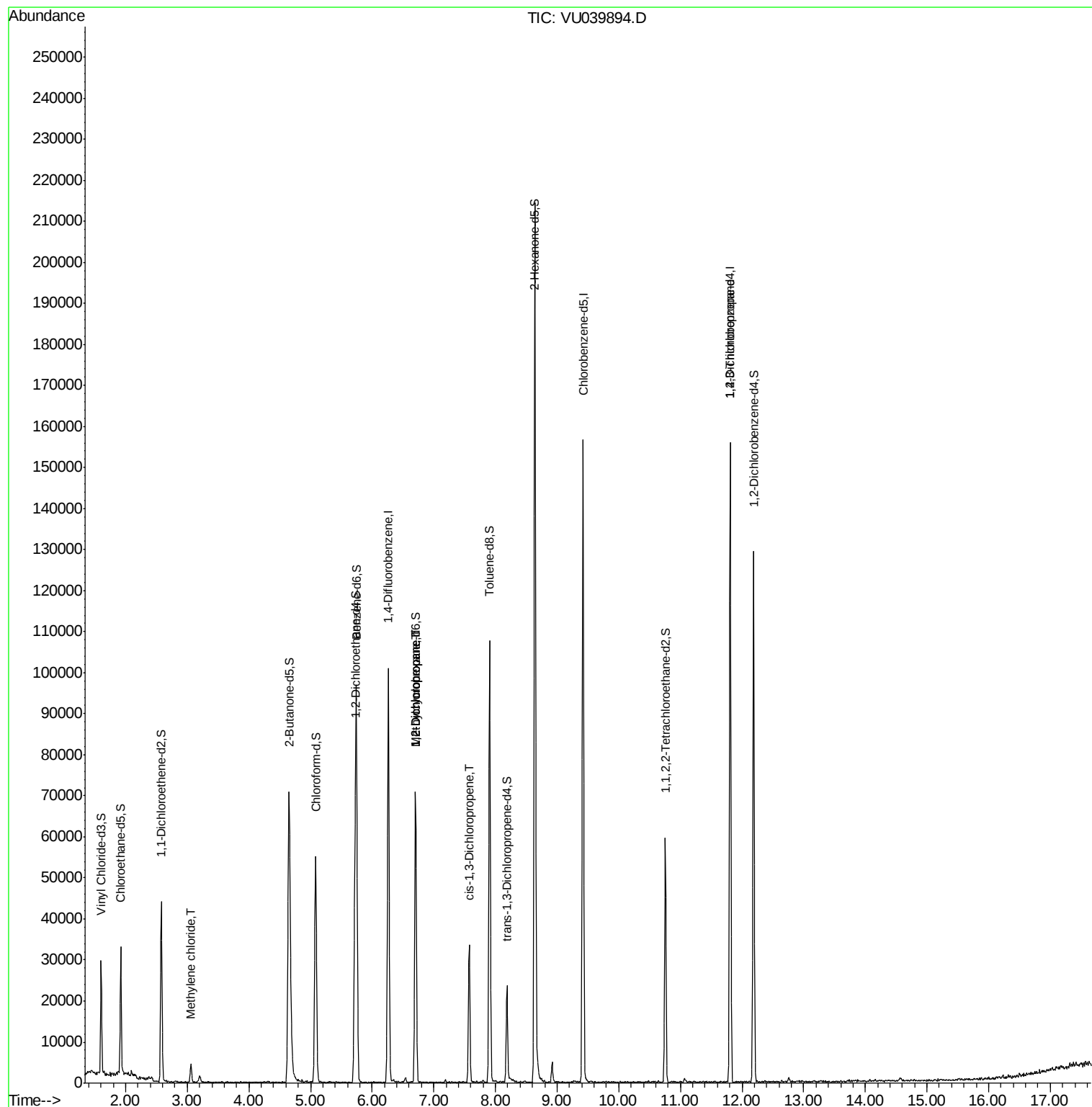
					Ovalue
16) Methylene chloride	3.06	84	1773	0.238 ug/L	94
35) Methylcyclohexane	6.70	83	7182	0.818 ug/L #	21
37) 1,2-Dichloropropane	6.70	63	3490	0.620 ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	880	0.115 ug/L #	75
59) 1,2,3-Trichloropropane	11.81	75	5163	1.272 ug/L #	82

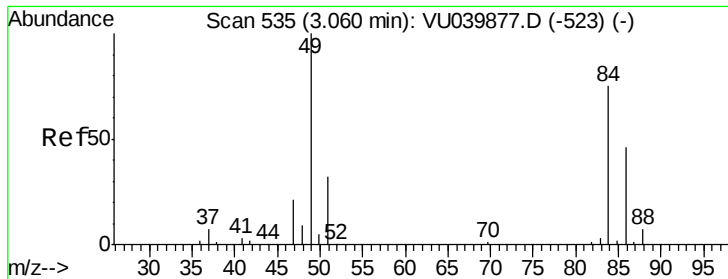
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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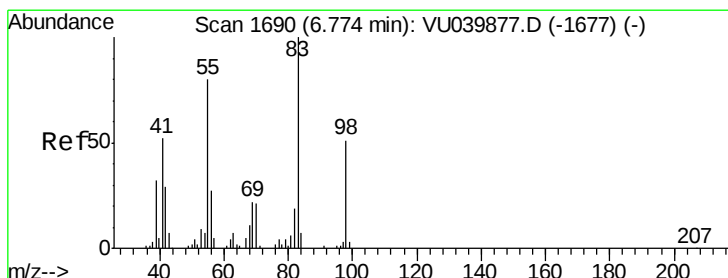
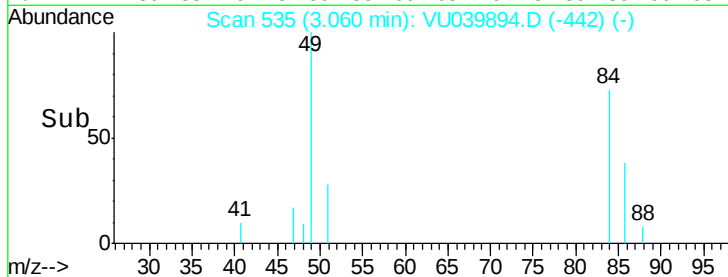
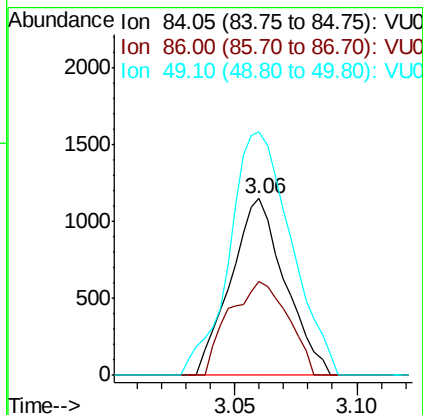
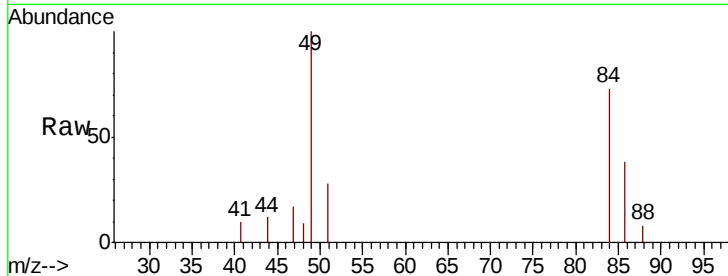




#16
Methvlene chloride
Concen: 0.238 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU039894.D
Acq: 17 Aug 2020 18:15

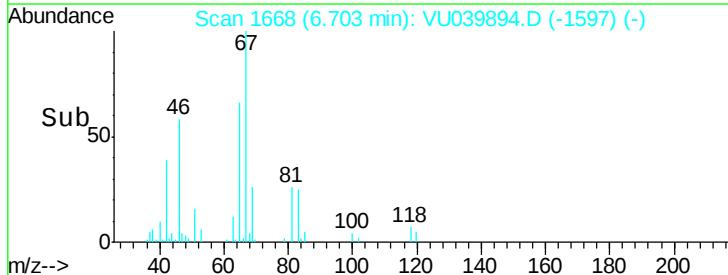
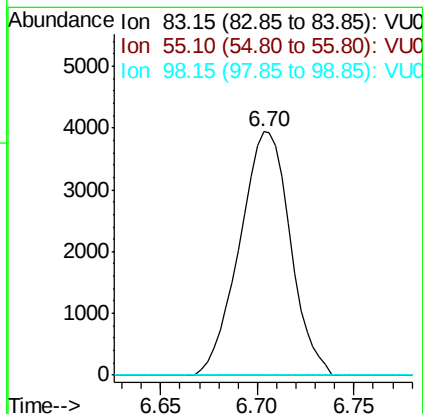
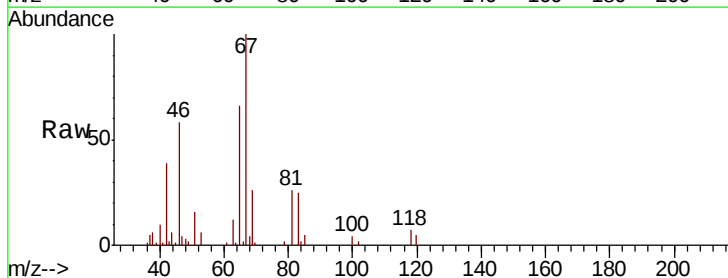
Instrument :
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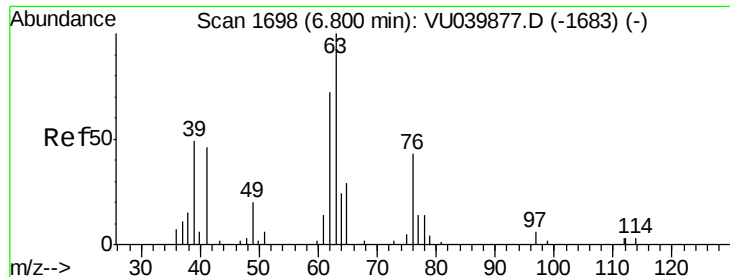
Tot Ion: 84 Resp: 1773
Ion Ratio Lower Upper
84 100
86 52.8 43.9 81.5
49 137.6 94.4 175.4



#35
Methylcyclohexane
Concen: 0.818 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039894.D
Acq: 17 Aug 2020 18:15

Tgt Ion: 83 Resp: 7182
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 3.2 39.0 58.4#

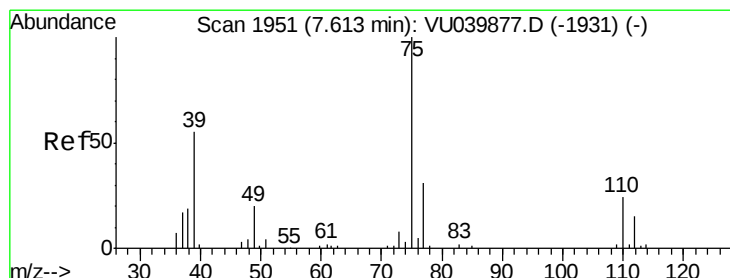
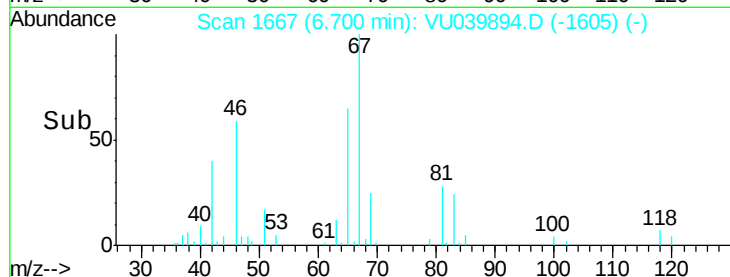
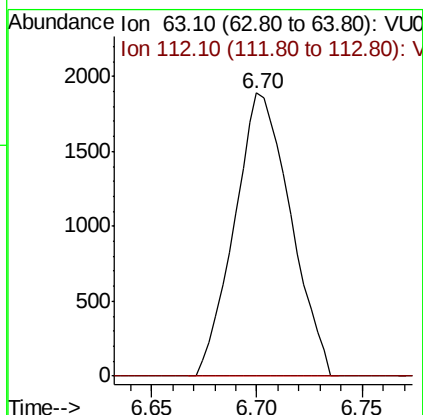
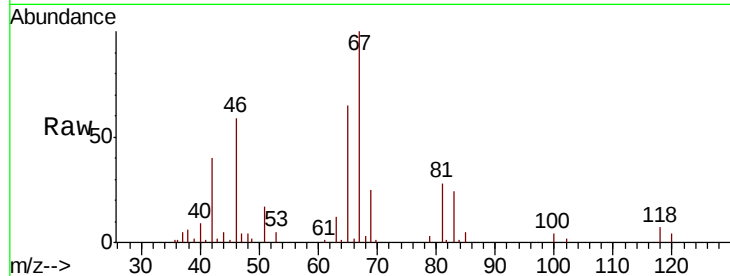




#37
 1,2-Dichloropropane
 Concen: 0.620 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU039894.D
 Acq: 17 Aug 2020 18:15

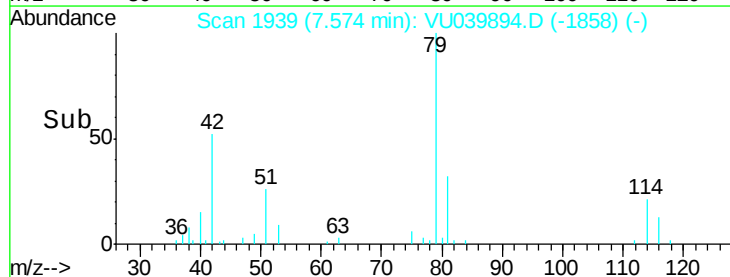
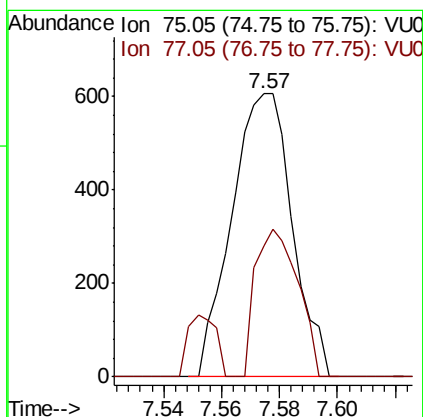
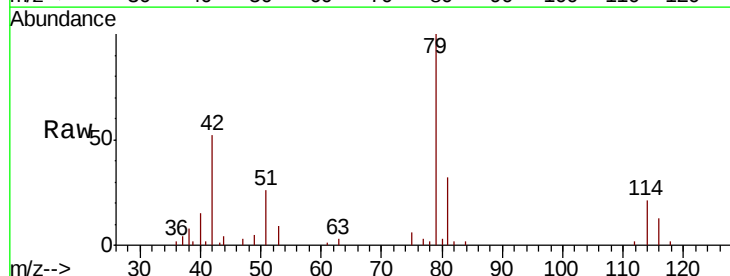
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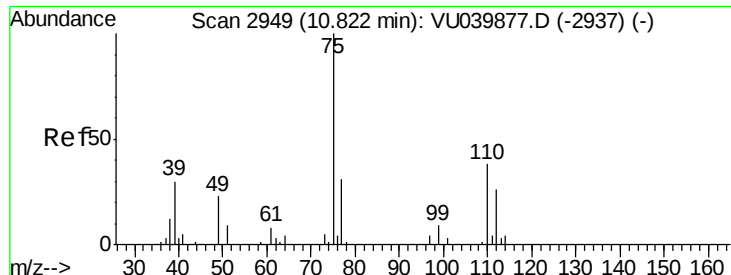
Tot Ion: 63 Resp: 3490
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.115 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039894.D
 Acq: 17 Aug 2020 18:15

Tgt Ion: 75 Resp: 880
 Ion Ratio Lower Upper
 75 100
 77 46.2 22.4 41.6#





#59

1,2,3-Trichloropropane

Concen: 1.272 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039894.D

Acq: 17 Aug 2020 18:15

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tot Ion: 75 Resp: 5163

Ion Ratio Lower Upper

75 100

77 40.7 24.6 37.0#

