

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U090220\
 Data File : VU040015.D
 Acq On : 02 Sep 2020 10:25
 Operator : SY/MD
 Sample : VU0902WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 03 01:17:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 03 01:16:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	113797	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	113958	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51277	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28211	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.92	69	25976	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.58	63	50300	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.65	46	132609	53.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.72%
24) Chloroform-d	5.08	84	67298	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.72	65	44182	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.75	84	127500	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.70	67	42640	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.91	98	109697	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	8.19	79	18090	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.64	63	95616	50.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.22%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	38515	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	42341	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

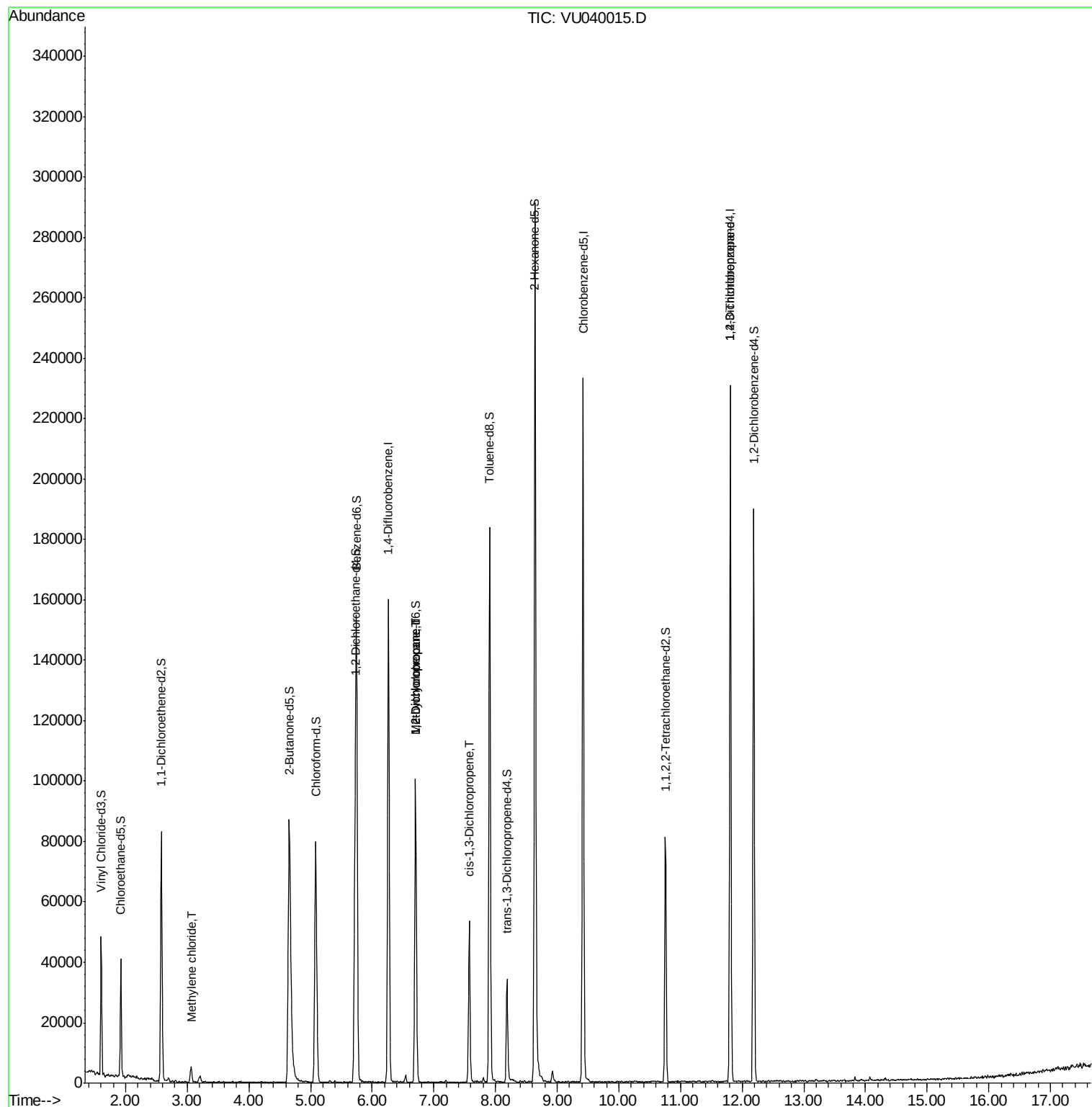
					Ovalue
16) Methylene chloride	3.06	84	2465	0.214 ug/L #	64
35) Methylcyclohexane	6.70	83	9748	0.582 ug/L #	15
37) 1,2-Dichloropropane	6.70	63	5318	0.482 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1333	0.082 ug/L #	53
59) 1,2,3-Trichloropropane	11.81	75	8117	0.992 ug/L #	85

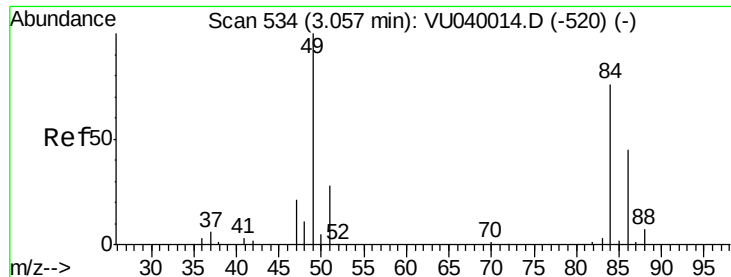
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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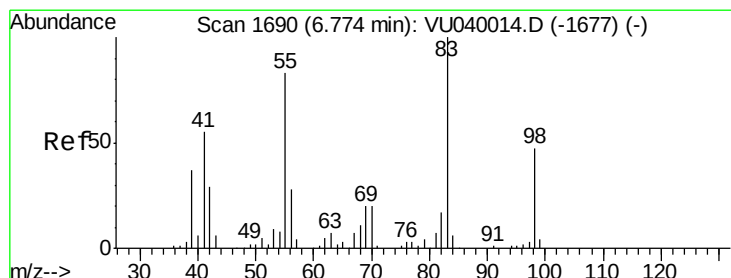
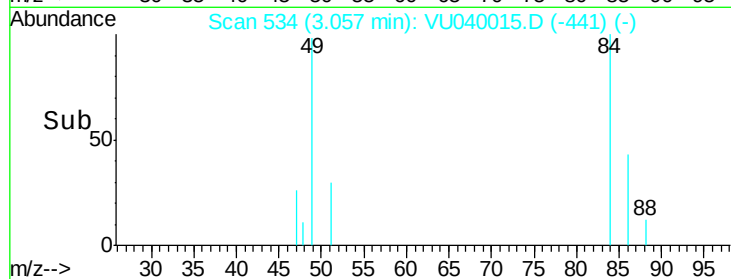
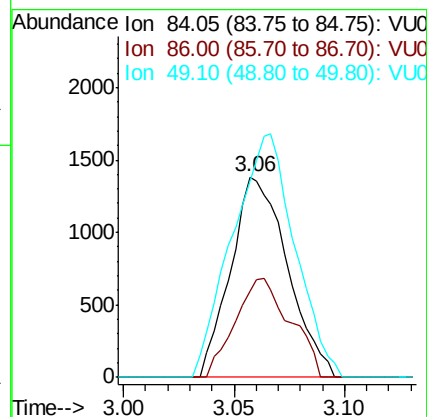
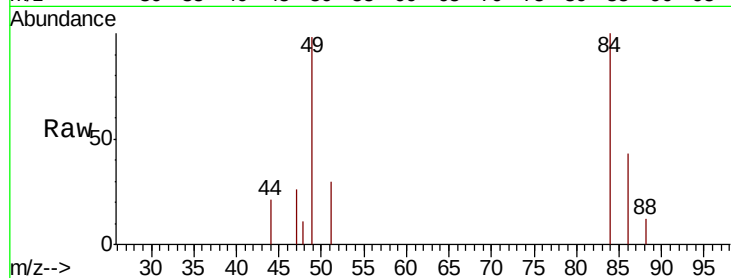




#16
Methylene chloride
Concen: 0.214 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU040015.D
Acq: 02 Sep 2020 10:25

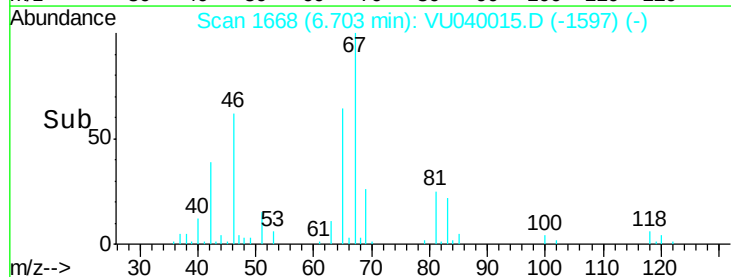
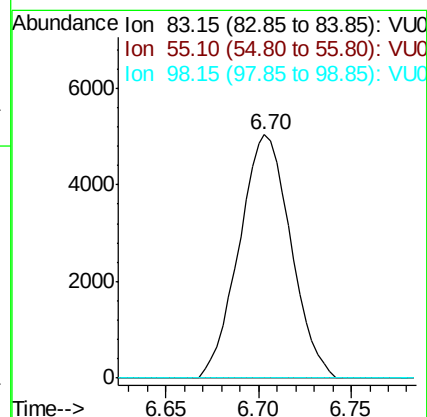
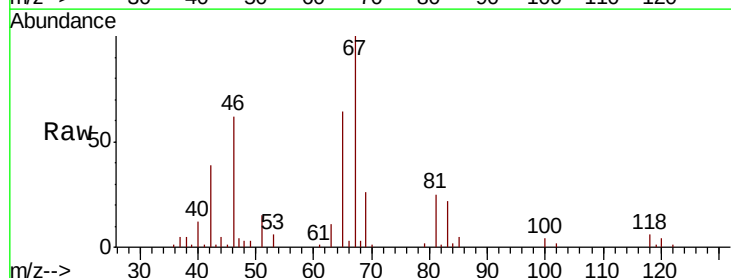
Instrument :
MSVOA_U
ClientSampleId :

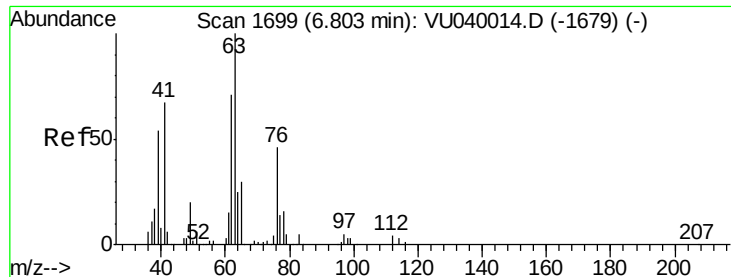
Tot Ion: 84 Resp: 2465
Ion Ratio Lower Upper
84 100
86 42.7 45.2 84.0#
49 97.9 104.0 193.2#



#35
Methylcyclohexane
Concen: 0.582 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040015.D
Acq: 02 Sep 2020 10:25

Tgt Ion: 83 Resp: 9748
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 1.5 37.8 56.6#

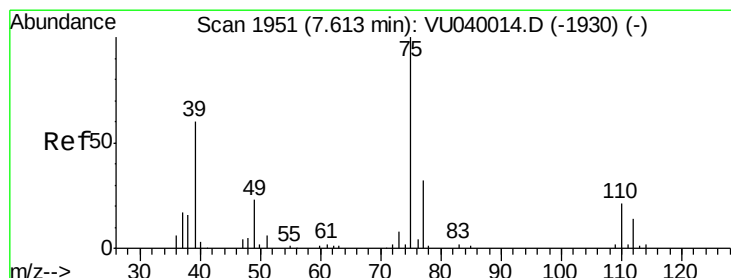
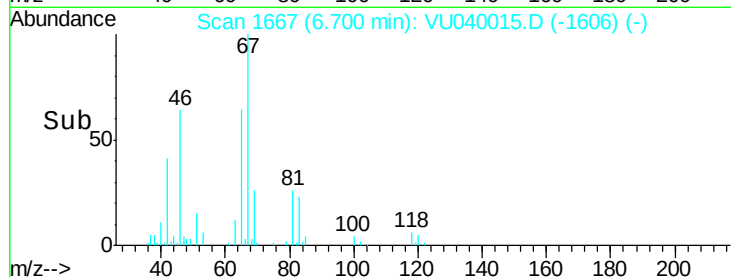
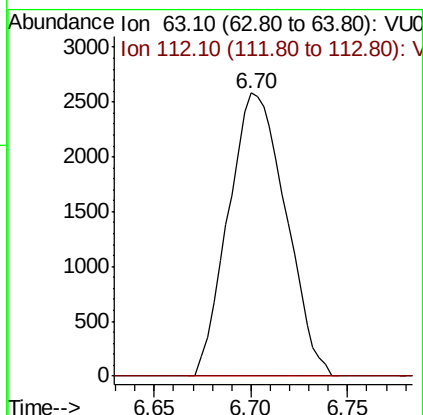
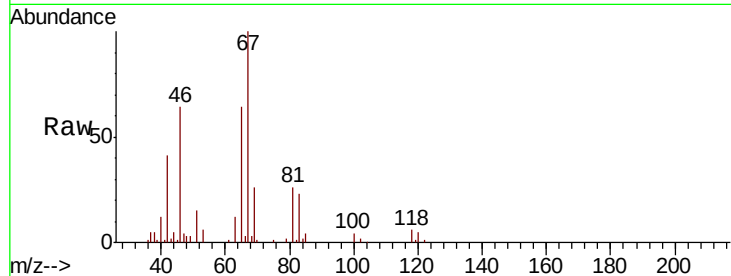




#37
 1,2-Dichloropropane
 Concen: 0.482 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU040015.D
 Acq: 02 Sep 2020 10:25

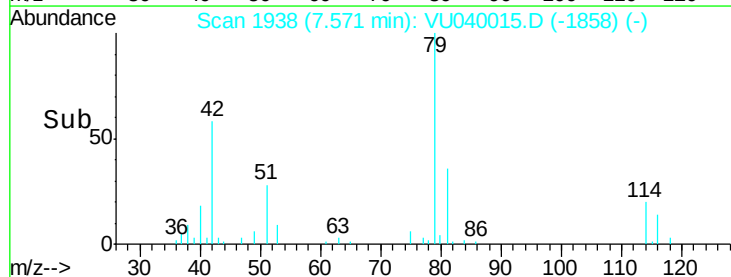
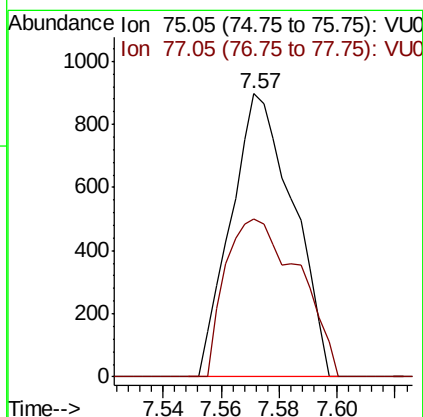
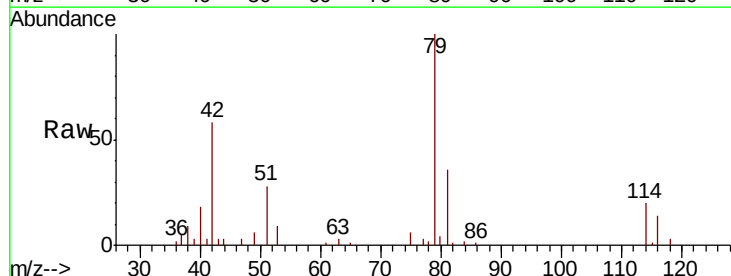
Instrument :
 MSVOA_U
 ClientSampleId :

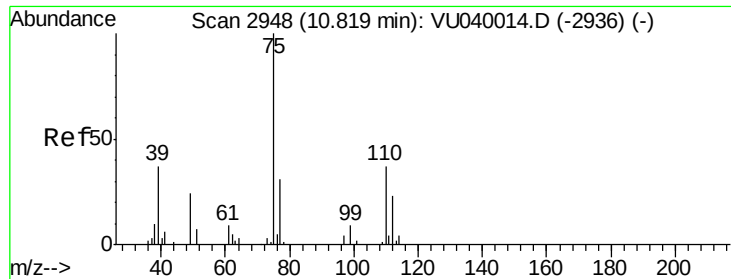
Tot Ion: 63 Resp: 5318
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.082 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040015.D
 Acq: 02 Sep 2020 10:25

Tgt Ion: 75 Resp: 1333
 Ion Ratio Lower Upper
 75 100
 77 55.6 21.1 39.3#





#59

1,2,3-Trichloropropane

Concen: 0.992 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040015.D

Acq: 02 Sep 2020 10:25

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 8117

Ion Ratio Lower Upper

75 100

77 39.5 24.9 37.3#

