

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072420\
 Data File : VU039658.D
 Acq On : 24 Jul 2020 13:13
 Operator : SY/MD
 Sample : VU0724MBL01
 Misc : 5.0µ/5.0mL/100µL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 25 06:49:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 25 06:47:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	218533	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	206446	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	97088	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	66725	46.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.80%
7) Chloroethane-d5	1.92	69	73309	43.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.58	63	110453	36.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.36%
21) 2-Butanone-d5	4.65	46	154104	93.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.83%
24) Chloroform-d	5.08	84	145771	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.12%
26) 1,2-Dichloroethane-d4	5.72	65	105962	46.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.68%
32) Benzene-d6	5.75	84	286355	49.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.90%
36) 1,2-Dichloropropane-d6	6.70	67	91966	48.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.86%
41) Toluene-d8	7.91	98	260338	48.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.52%
43) trans-1,3-Dichloropropene-	8.19	79	45056	47.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.98%
47) 2-Hexanone-d5	8.64	63	92876	90.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.57%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	136001	45.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.38%
64) 1,2-Dichlorobenzene-d4	12.19	152	102532	48.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.58%

Target Compounds

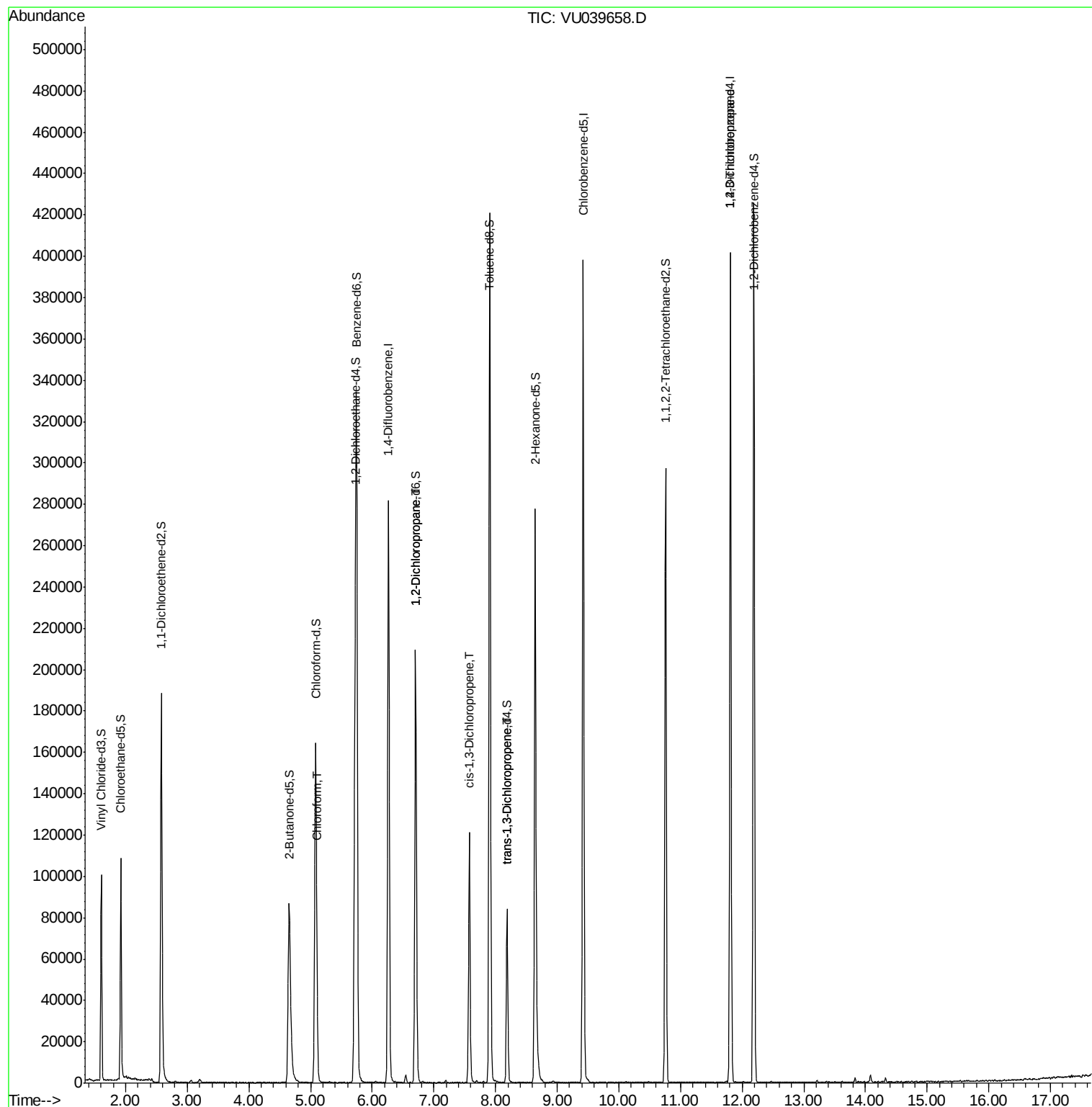
					Ovalue
25) Chloroform	5.11	83	4193	1.396 ug/L	94
37) 1,2-Dichloropropane	6.71	63	10754	6.981 ug/L #	89
39) cis-1,3-Dichloropropene	7.58	75	3564	1.548 ug/L #	68
44) trans-1,3-Dichloropropene	8.19	75	2325	1.031 ug/L	99
59) 1,2,3-Trichloropropane	11.81	75	14451	6.465 ug/L	90

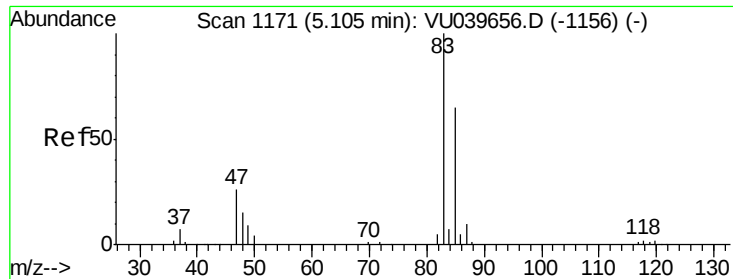
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 25 06:47:25 2020
Response via : Initial Calibration

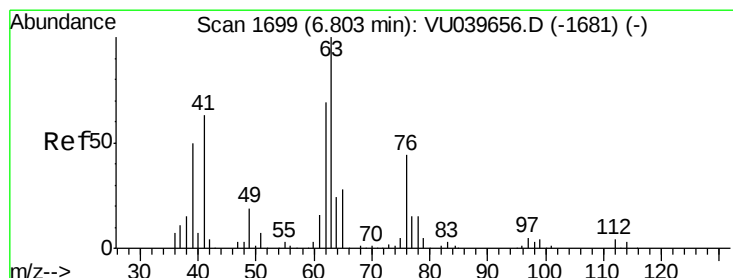
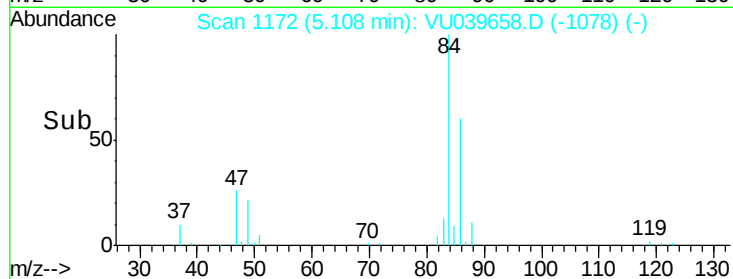
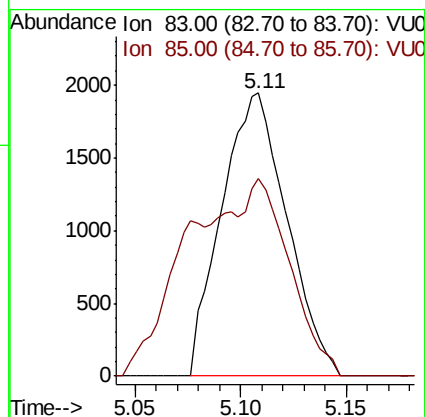
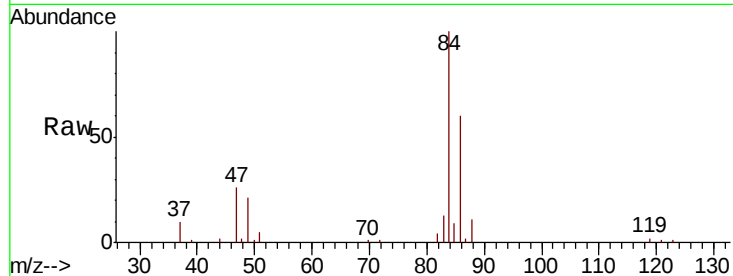




#25
Chloroform
Concen: 1.396 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039658.D
Acq: 24 Jul 2020 13:13

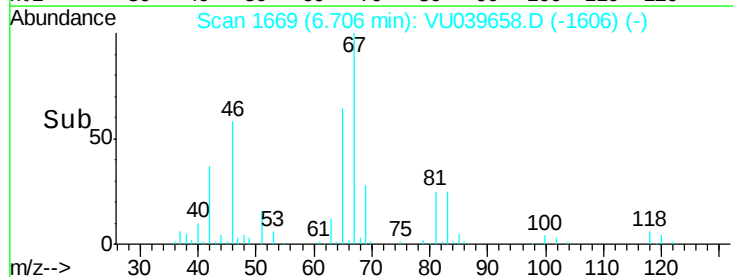
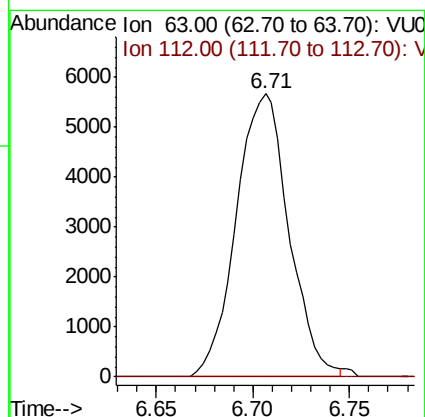
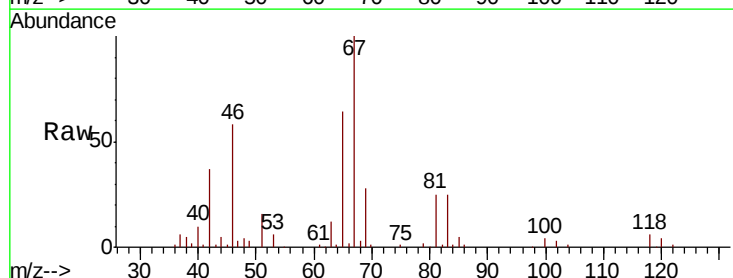
Instrument :
MSVOA_U
ClientSampleId :

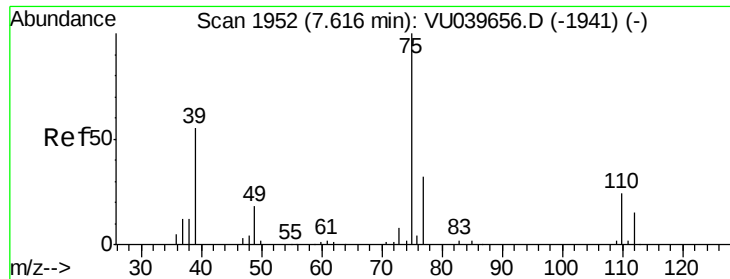
Tot Ion: 83 Resp: 4193
Ion Ratio Lower Upper
83 100
85 69.6 45.6 84.6



#37
1,2-Dichloropropane
Concen: 6.981 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU039658.D
Acq: 24 Jul 2020 13:13

Tgt Ion: 63 Resp: 10754
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#

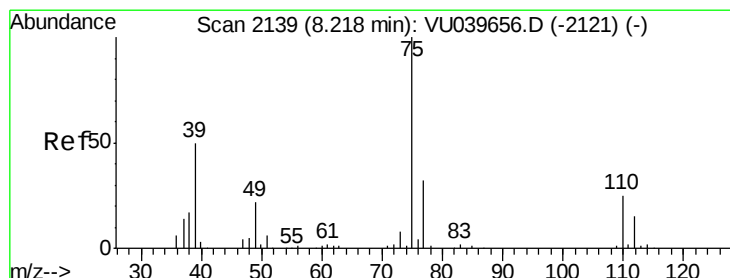
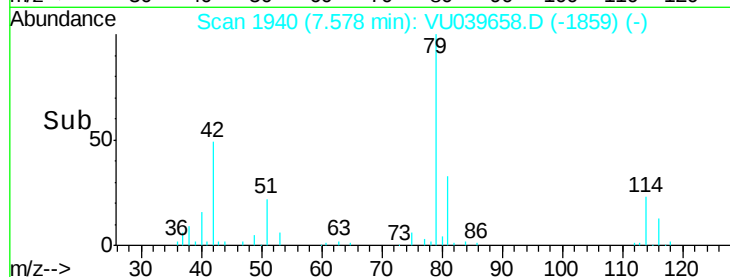
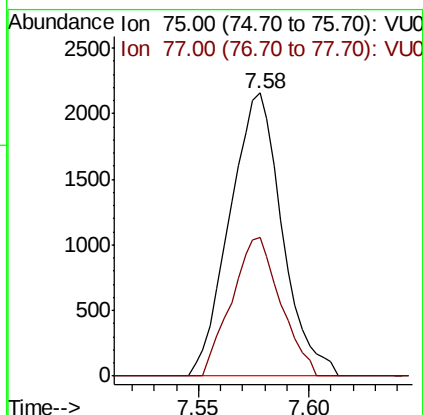
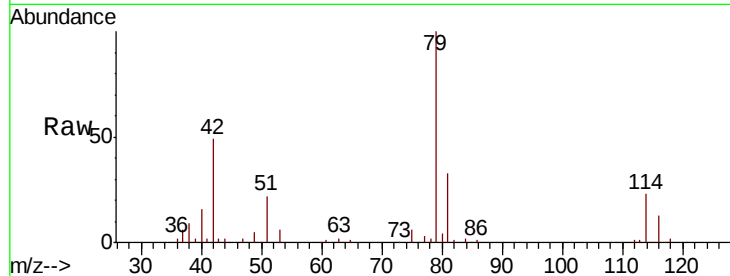




#39
 cis-1,3-Dichloropropene
 Concen: 1.548 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039658.D
 Acq: 24 Jul 2020 13:13

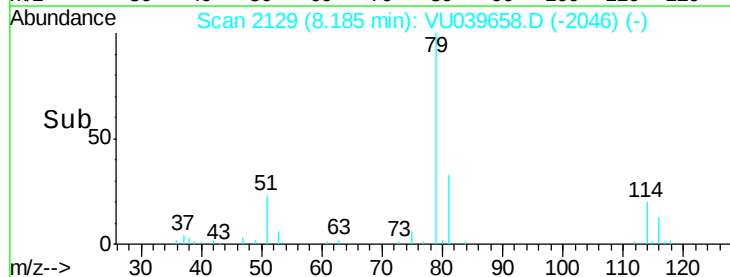
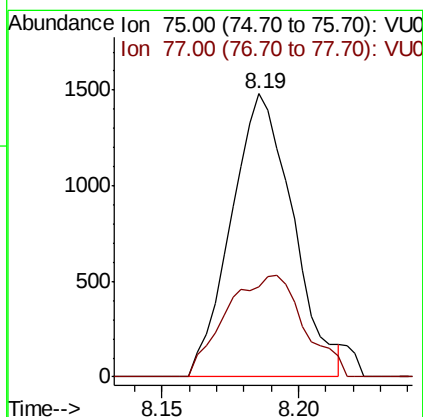
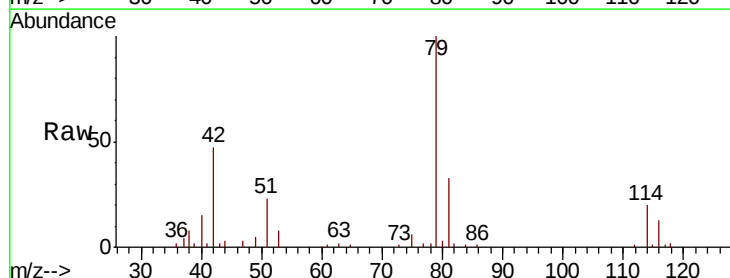
Instrument :
 MSVOA_U
 ClientSampleId :

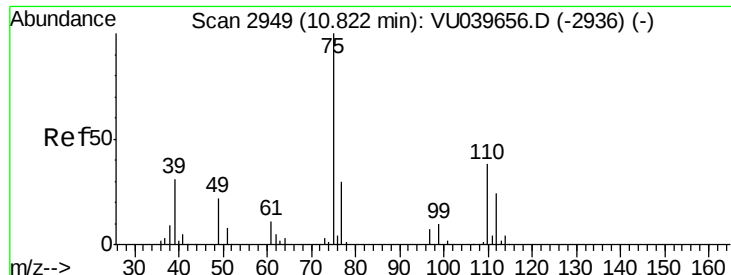
Tot Ion: 75 Resp: 3564
 Ion Ratio Lower Upper
 75 100
 77 49.0 21.8 40.6#



#44
 trans-1,3-Dichloropropene
 Concen: 1.031 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU039658.D
 Acq: 24 Jul 2020 13:13

Tgt Ion: 75 Resp: 2325
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.7 42.1





#59

1,2,3-Trichloropropane

Concen: 6.465 ug/L

RT: 11.81 min Scan# 3257

Delta R.T. 0.99 min

Lab File: VU039658.D

Acq: 24 Jul 2020 13:13

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 14451

Ion Ratio Lower Upper

75 100

77 37.5 25.4 38.2

