

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U072020\
 Data File : VU039573.D
 Acq On : 20 Jul 2020 16:25
 Operator : SY/MD
 Sample : L3346-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4C33

Quant Time: Jul 21 06:05:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 21 06:02:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	97339	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	94296	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	43532	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	19554	3.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.40%
7) Chloroethane-d5	1.93	69	25185	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.58	63	33368	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	4.66	46	120461	46.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.34%
24) Chloroform-d	5.09	84	58143	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.72	65	39311	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.75	84	108089	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.71	67	35915	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.91	98	93000	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	8.19	79	15200	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.64	63	82434	39.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.92%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	34213	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	38408	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

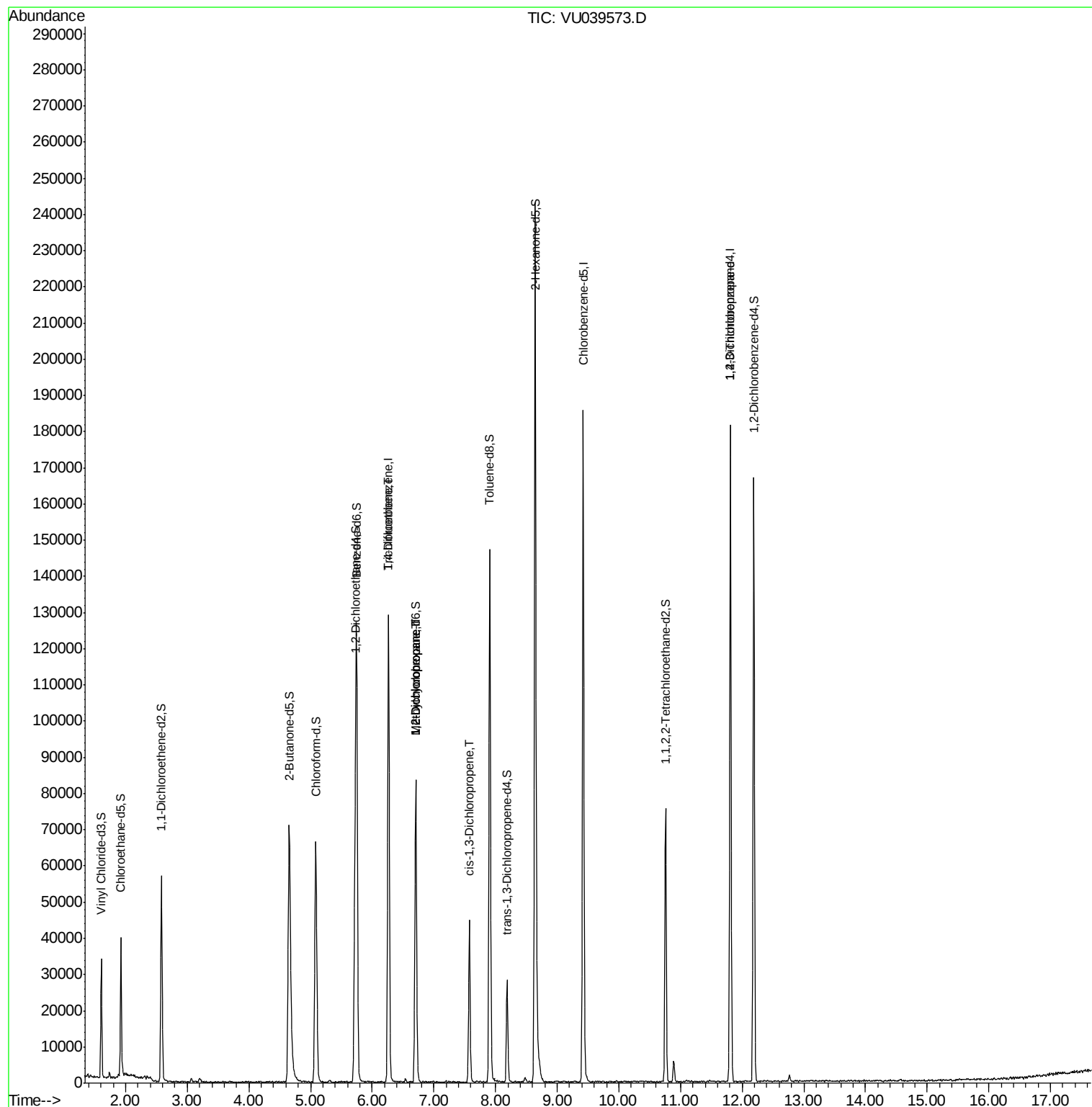
				Ovalue	
34) Trichloroethene	6.27	95	1569	0.215	ug/L # 7
35) Methylcyclohexane	6.70	83	8555	0.733	ug/L # 18
37) 1,2-Dichloropropane	6.71	63	4645	0.604	ug/L # 91
39) cis-1,3-Dichloropropene	7.58	75	1111	0.096	ug/L # 44
59) 1,2,3-Trichloropropane	11.81	75	6419	1.133	ug/L # 87

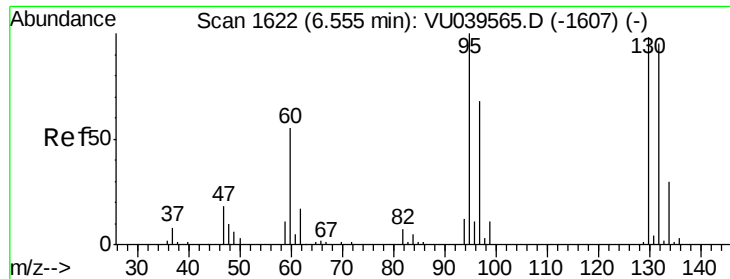
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#34

Trichloroethene

Concen: 0.215 ug/L

RT: 6.27 min Scan# 1533

Delta R.T. -0.29 min

Lab File: VU039573.D

Acq: 20 Jul 2020 16:25

Instrument :

MSVOA_U

ClientSampleId :

F4C33

Tot Ion: 95 Resp: 1569

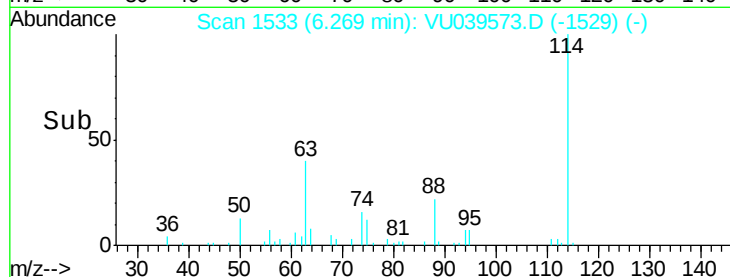
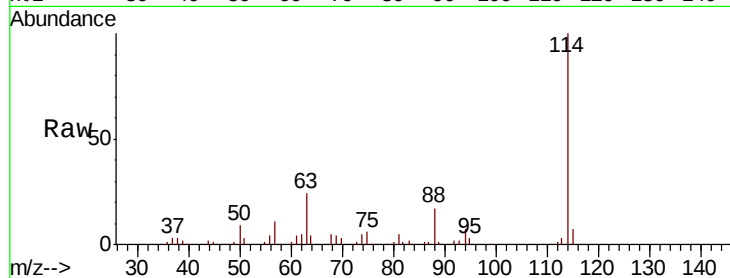
Ion Ratio Lower Upper

95 100

97 0.0 46.3 85.9#

132 0.0 64.0 118.8#

130 0.0 64.3 119.5#

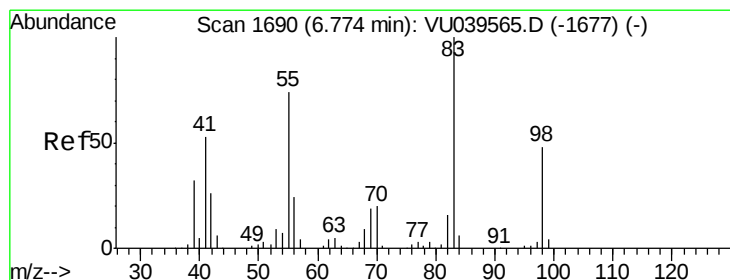
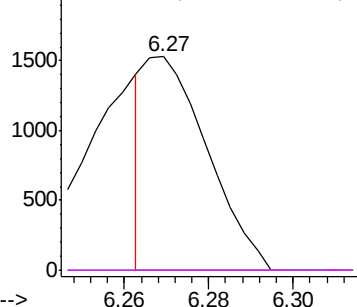


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.733 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU039573.D

Acq: 20 Jul 2020 16:25

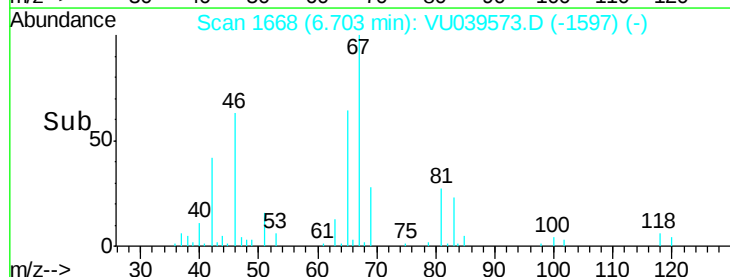
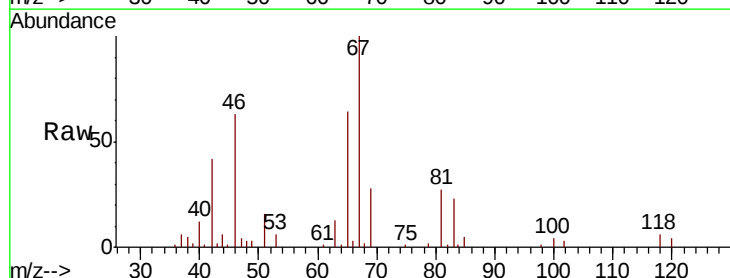
Tgt Ion: 83 Resp: 8555

Ion Ratio Lower Upper

83 100

55 0.0 62.1 93.1#

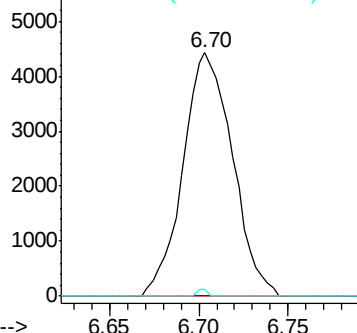
98 0.6 35.9 53.9#

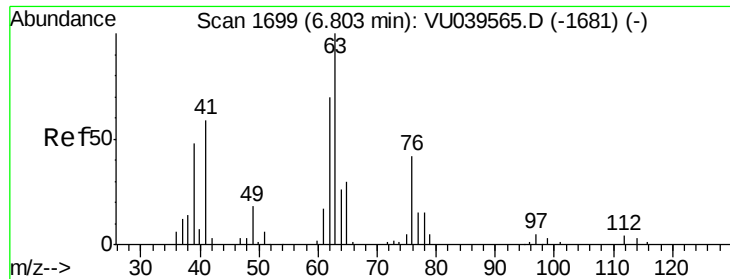


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

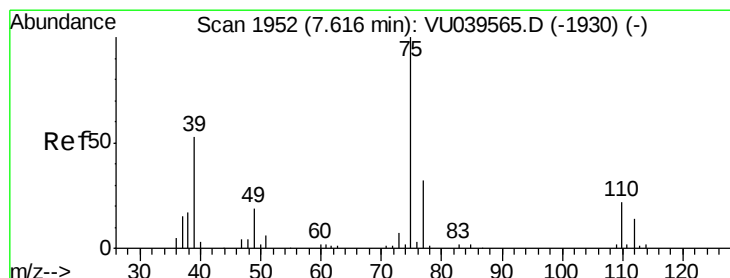
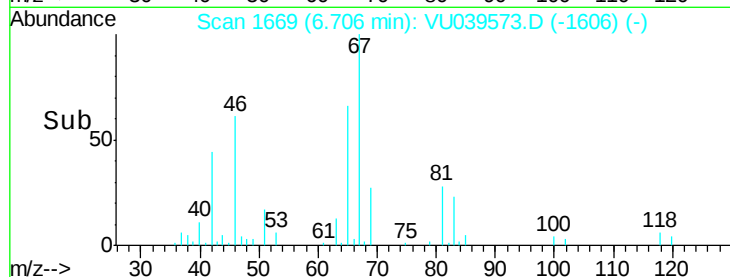
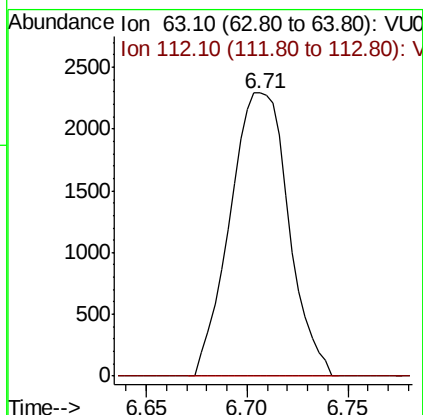
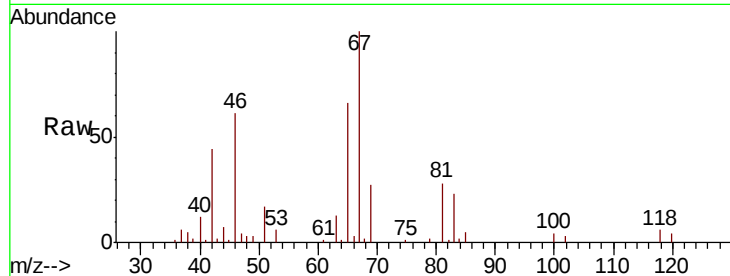




#37
 1,2-Dichloropropane
 Concen: 0.604 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU039573.D
 Acq: 20 Jul 2020 16:25

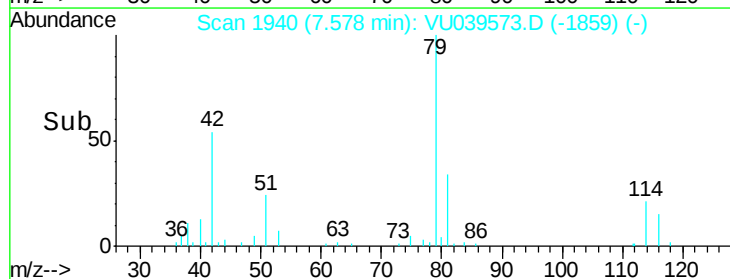
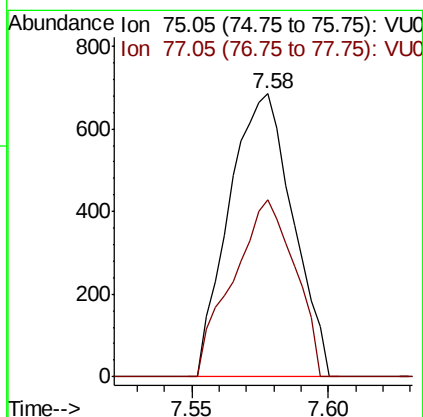
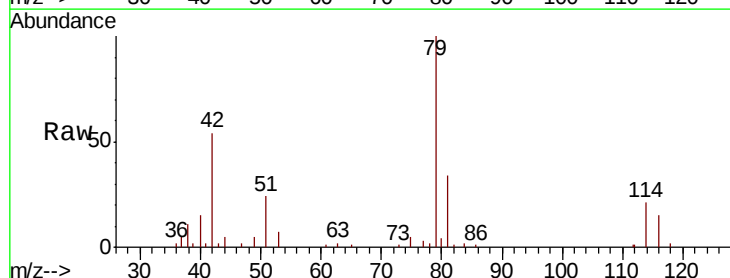
Instrument :
 MSVOA_U
 ClientSampled :
 F4C33

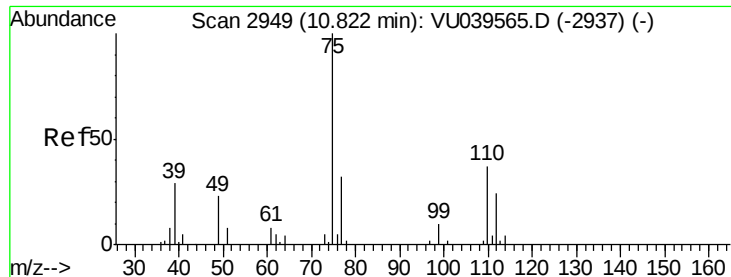
Tot Ion: 63 Resp: 4645
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.5 3.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039573.D
 Acq: 20 Jul 2020 16:25

Tgt Ion: 75 Resp: 1111
 Ion Ratio Lower Upper
 75 100
 77 62.8 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 1.133 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039573.D

Acq: 20 Jul 2020 16:25

Instrument :

MSVOA_U

ClientSampleId :

F4C33

Tot Ion: 75 Resp: 6419

Ion Ratio Lower Upper

75 100

77 40.7 26.8 40.2#

