

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U072020\
 Data File : VU039574.D
 Acq On : 20 Jul 2020 16:48
 Operator : SY/MD
 Sample : L3346-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4C34

Quant Time: Jul 21 06:05:37 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	6.27	114	96124	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	96126	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	42671	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20539	3.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.80%
7) Chloroethane-d5	1.93	69	25307	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.58	63	33841	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	4.65	46	126557	49.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.30%
24) Chloroform-d	5.08	84	62090	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
26) 1,2-Dichloroethane-d4	5.72	65	39629	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	5.74	84	114776	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.71	67	39435	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.91	98	97940	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	8.19	79	15050	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.64	63	88388	41.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.00%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	35903	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	39891	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

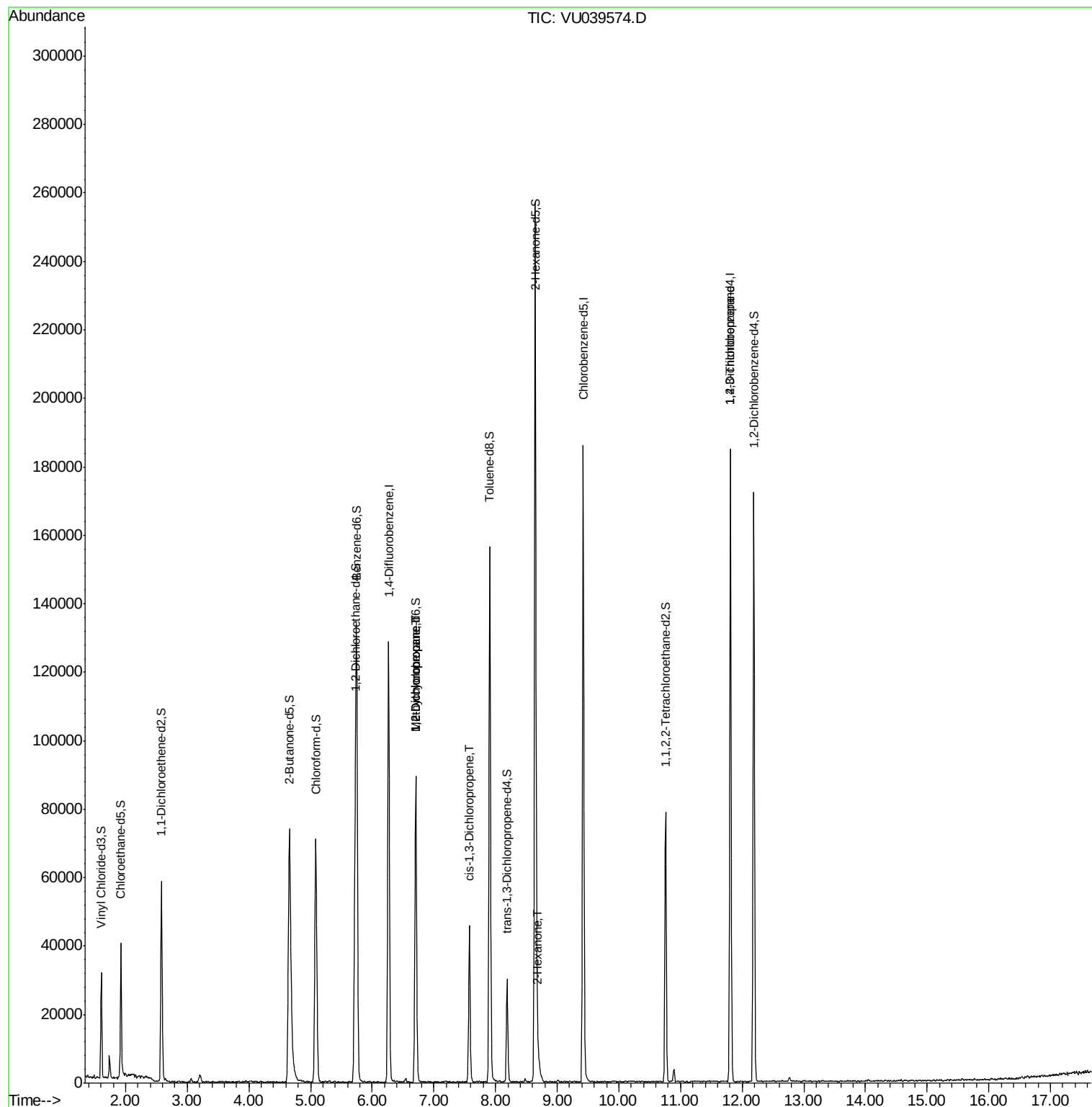
					Ovalue
35) Methylcyclohexane	6.70	83	9224	0.775 ug/L #	18
37) 1,2-Dichloropropane	6.70	63	5107	0.652 ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1362	0.115 ug/L #	51
48) 2-Hexanone	8.69	43	4786	0.993 ug/L #	82
59) 1,2,3-Trichloropropane	11.81	75	6746	1.168 ug/L	96

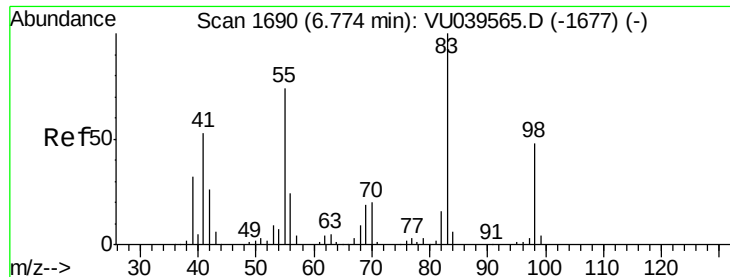
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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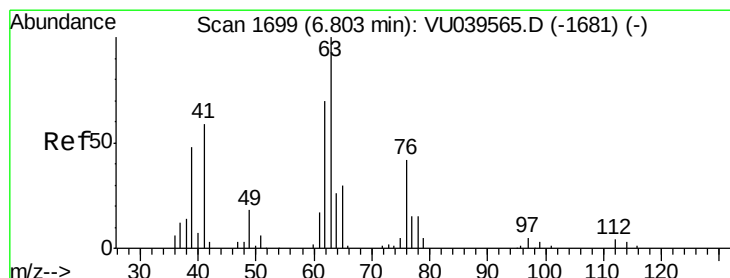
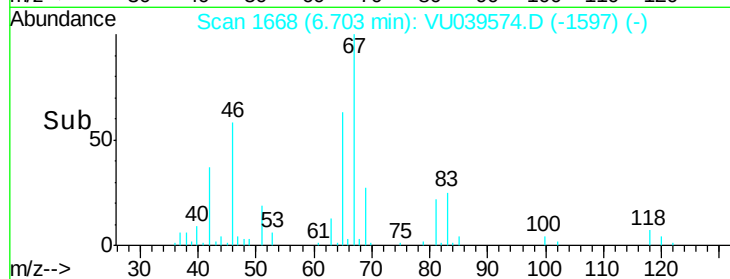
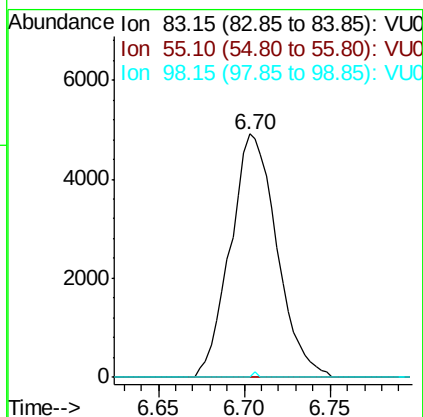
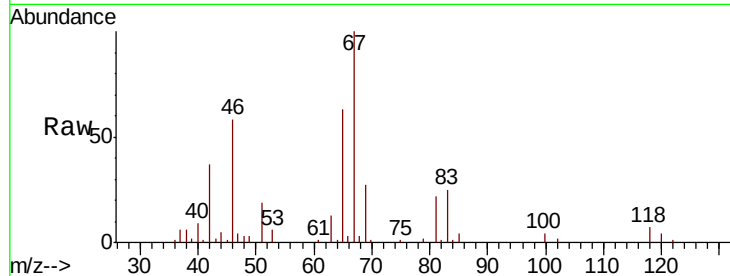




#35
Methylvlcyclohexane
Concen: 0.775 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039574.D
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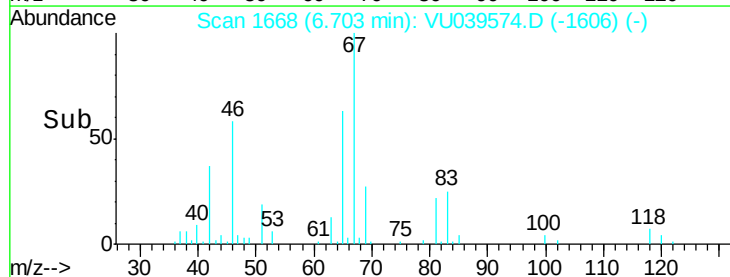
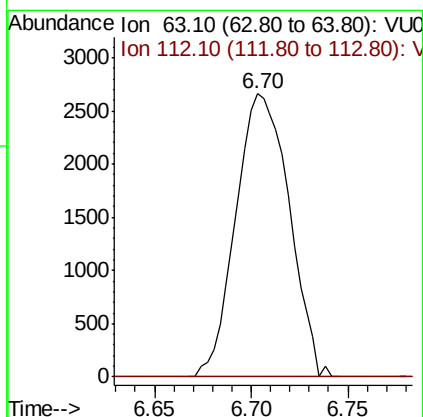
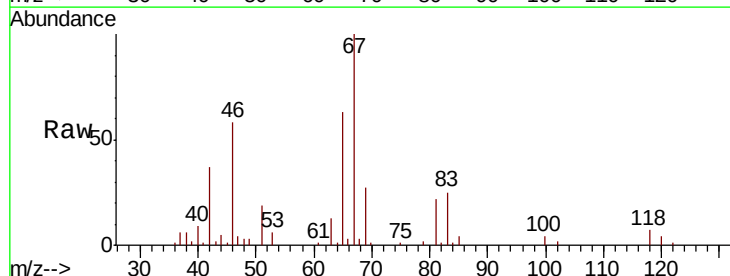
Instrument :
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F4C34

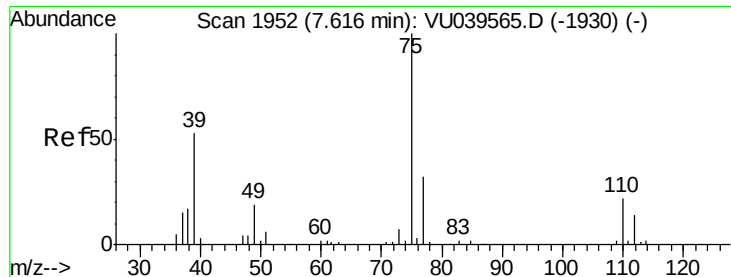
Tot Ion: 83 Resp: 9224
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.2 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.652 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039574.D
Acq: 20 Jul 2020 16:48

Tgt Ion: 63 Resp: 5107
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#





#39

cis-1,3-Dichloropropene

Concen: 0.115 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU039574.D

Acq: 20 Jul 2020 16:48

Instrument :

MSVOA_U

ClientSampleId :

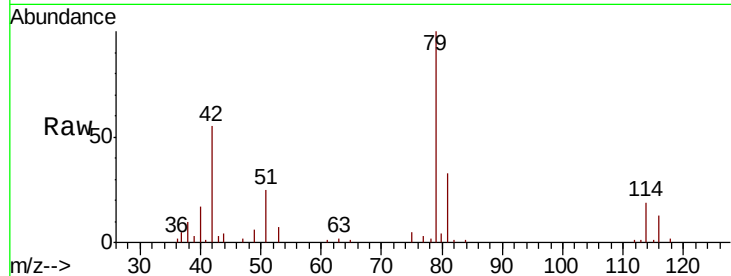
F4C34

Tot Ion: 75 Resp: 1362

Ion Ratio Lower Upper

75 100

77 58.9 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU039565.D (-1930) (-)

Ion 77.05 (76.75 to 77.75): VU039565.D (-1930) (-)

7.57

800

600

400

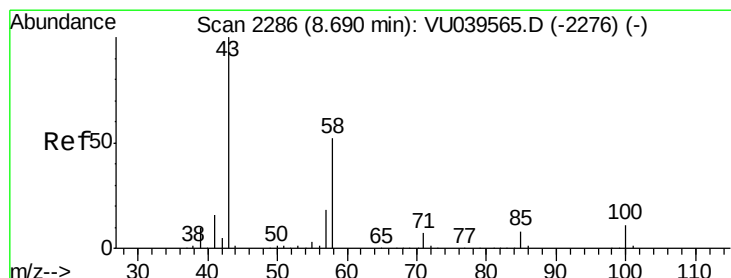
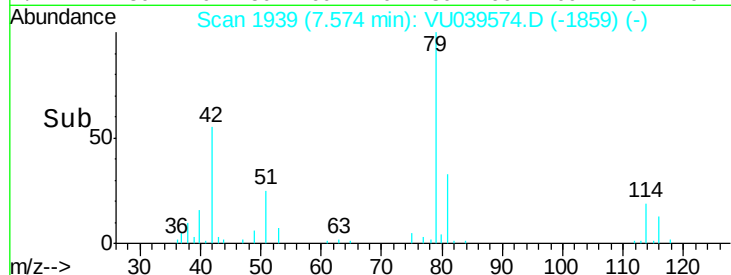
200

0

7.55

7.60

Time-->



#48

2-Hexanone

Concen: 0.993 ug/L

RT: 8.69 min Scan# 2287

Delta R.T. 0.00 min

Lab File: VU039574.D

Acq: 20 Jul 2020 16:48

Tgt Ion: 43 Resp: 4786

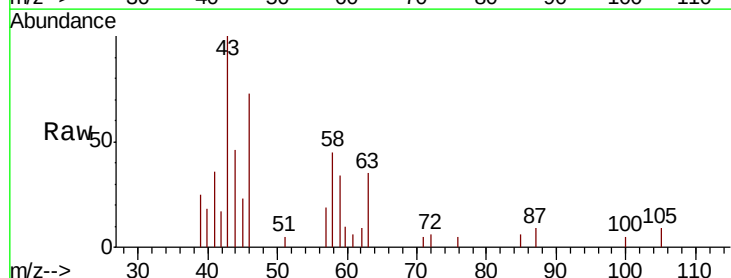
Ion Ratio Lower Upper

43 100

58 43.5 42.0 63.0

57 2.0 14.0 21.0#

100 3.3 8.2 12.2#



Abundance Ion 43.05 (42.75 to 43.75): VU039565.D (-2276) (-)

Ion 58.05 (57.75 to 58.75): VU039565.D (-2276) (-)

Ion 57.20 (56.90 to 57.90): VU039565.D (-2276) (-)

Ion 100.15 (99.85 to 100.85): VU039565.D (-2276) (-)

10000

8000

6000

4000

2000

0

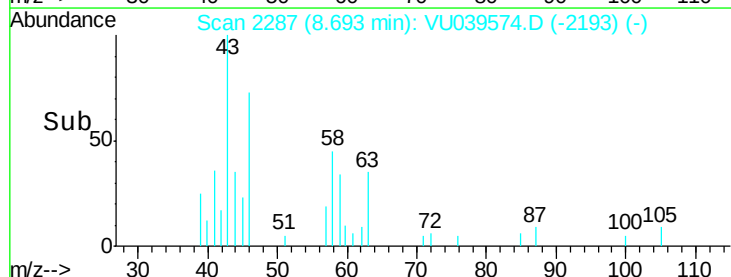
8.65

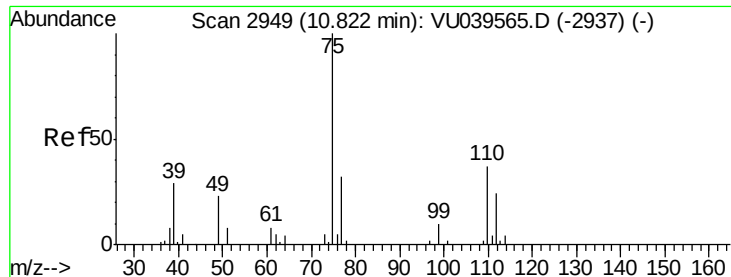
8.69

8.75

8.80

Time-->





#59

1,2,3-Trichloropropane

Concen: 1.168 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039574.D

Acq: 20 Jul 2020 16:48

Instrument :

MSVOA_U

ClientSampleId :

F4C34

Tot Ion: 75 Resp: 6746

Ion Ratio Lower Upper

75 100

77 35.8 26.8 40.2

