

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U072020\
 Data File : VU039575.D
 Acq On : 20 Jul 2020 17:11
 Operator : SY/MD
 Sample : L3346-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4C35

Quant Time: Jul 21 06:05:48 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	97407	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	93903	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	42978	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20683	3.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.20%
7) Chloroethane-d5	1.93	69	26107	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.58	63	33304	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	4.65	46	121677	47.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.20%
24) Chloroform-d	5.09	84	60445	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.72	65	39704	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.74	84	106614	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.71	67	38944	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.91	98	96686	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	8.19	79	14821	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.64	63	85755	41.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.44%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	36175	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	39281	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

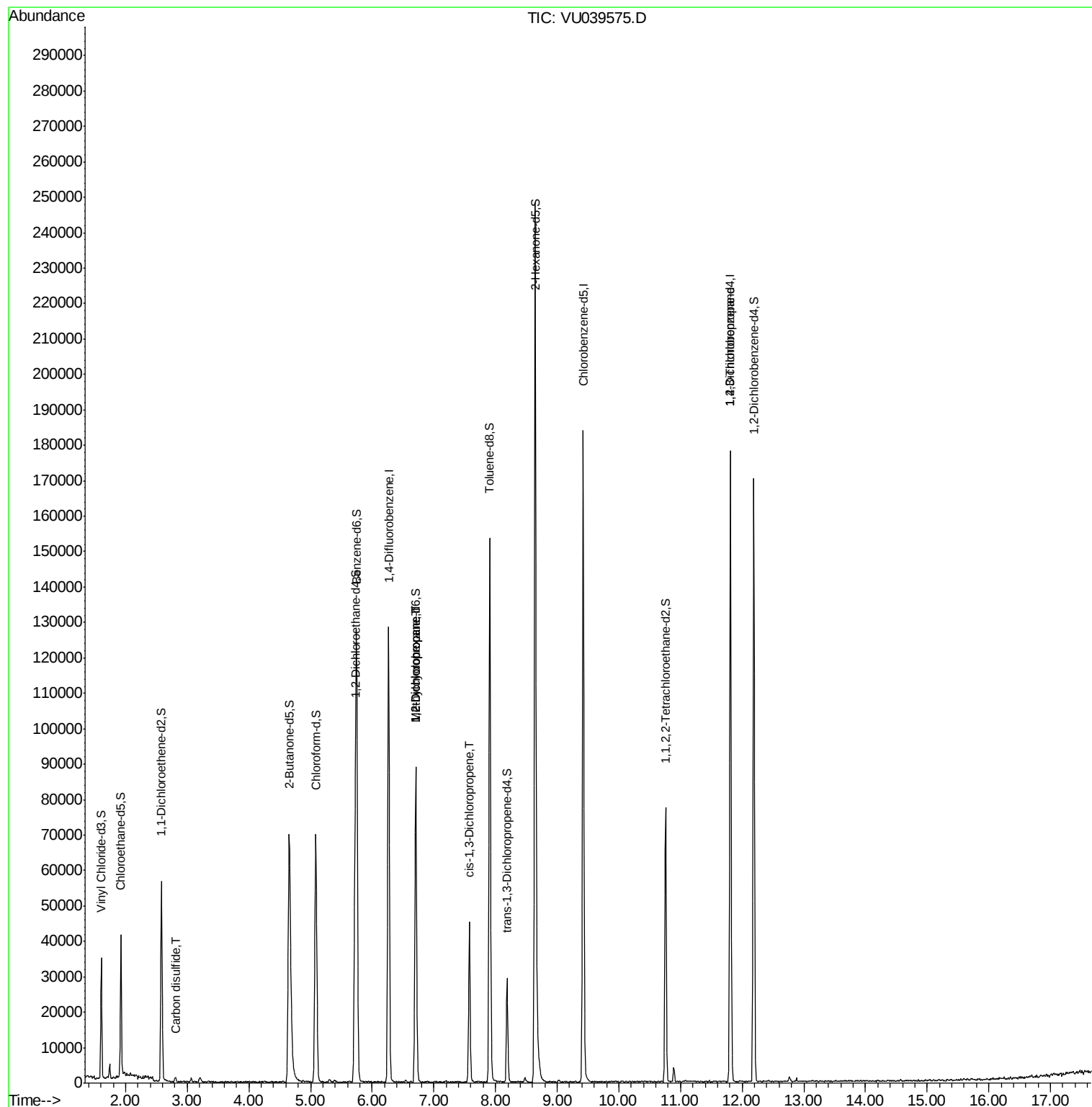
					Ovalue
14) Carbon disulfide	2.81	76	1817	0.089 ug/L #	76
35) Methylcyclohexane	6.70	83	8599	0.740 ug/L #	18
37) 1,2-Dichloropropane	6.71	63	4621	0.604 ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1463	0.126 ug/L #	59
59) 1,2,3-Trichloropropane	11.81	75	6824	1.210 ug/L	96

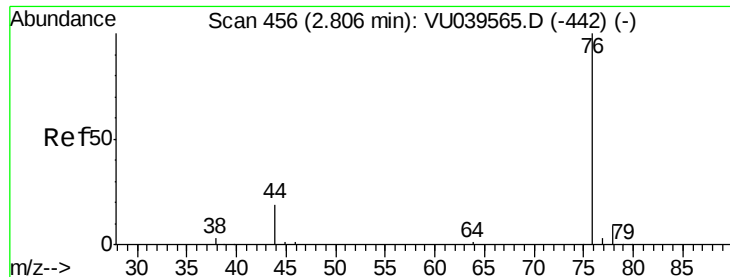
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 0.089 ug/L

RT: 2.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: VU039575.D

Acq: 20 Jul 2020 17:11

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ClientSampleId :

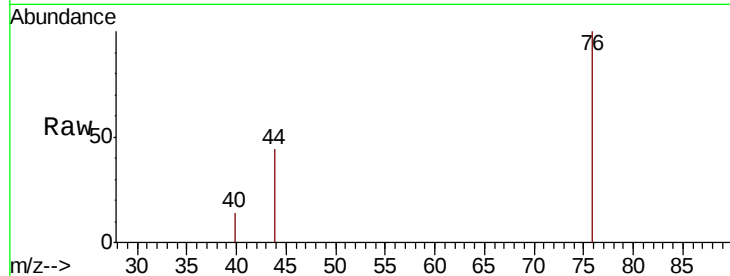
F4C35

Tot Ion: 76 Resp: 1817

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.4#



Abundance Ion 76.05 (75.75 to 76.75): VU039565.D (-442) (-)

Ion 78.00 (77.70 to 78.70): VU039565.D (-442) (-)

2.81

1200

1000

800

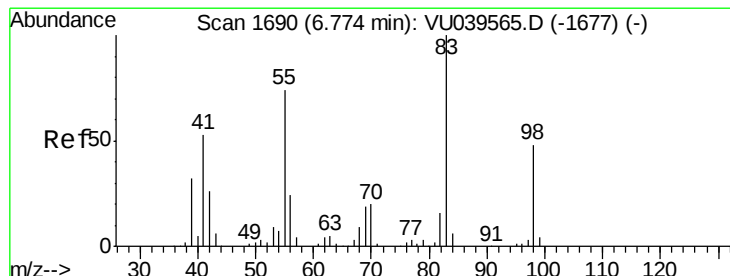
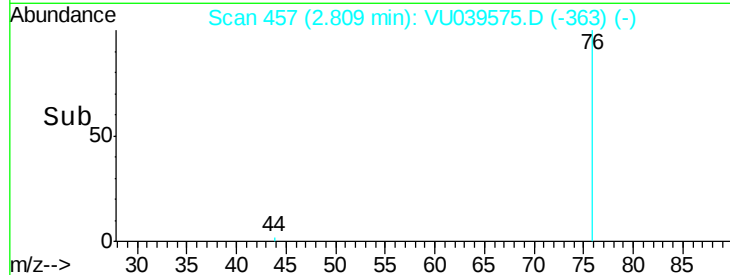
600

400

200

0

Time-->



#35

Methylcyclohexane

Concen: 0.740 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU039575.D

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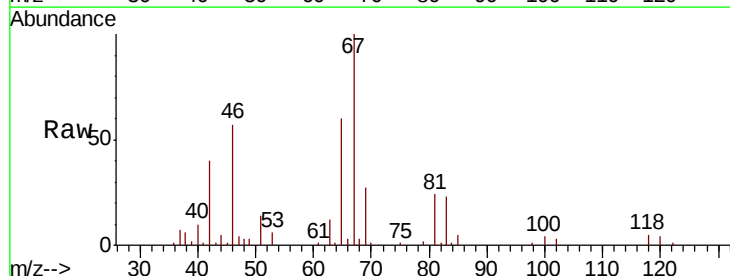
Tgt Ion: 83 Resp: 8599

Ion Ratio Lower Upper

83 100

55 0.0 62.1 93.1#

98 0.2 35.9 53.9#



Abundance Ion 83.15 (82.85 to 83.85): VU039565.D (-1677) (-)

Ion 55.10 (54.80 to 55.80): VU039565.D (-1677) (-)

Ion 98.15 (97.85 to 98.85): VU039565.D (-1677) (-)

6000

5000

4000

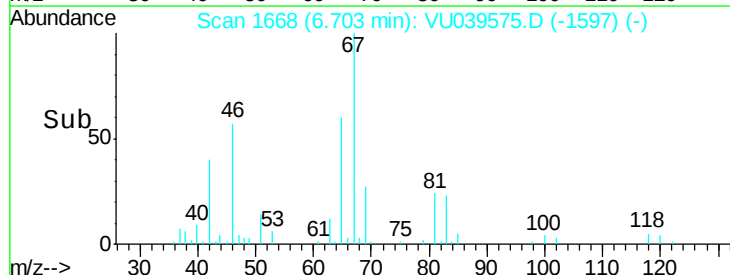
3000

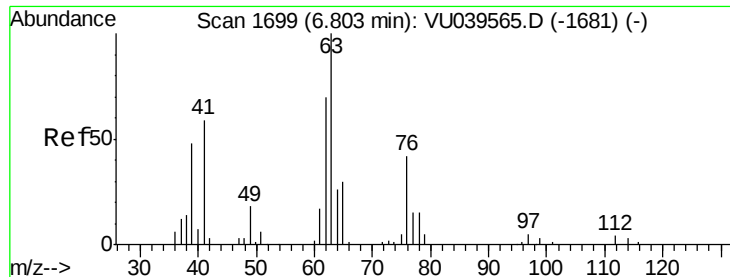
2000

1000

0

Time-->

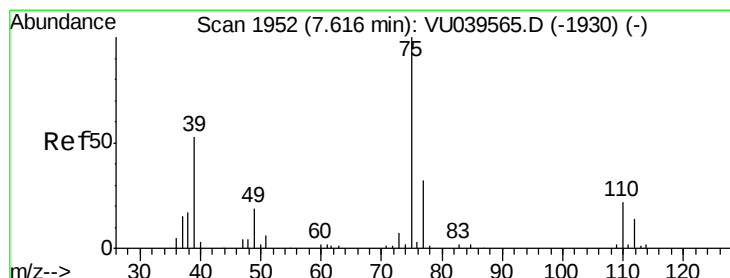
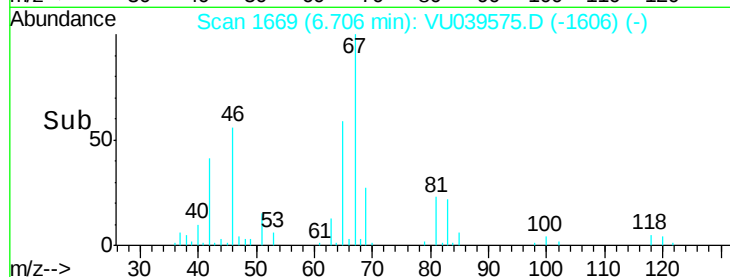
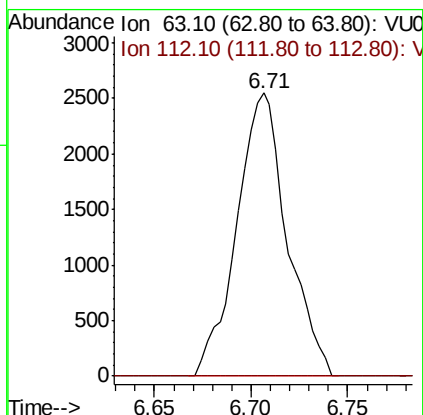
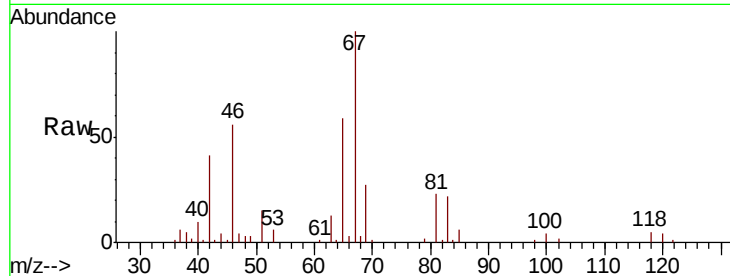




#37
 1,2-Dichloropropane
 Concen: 0.604 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU039575.D
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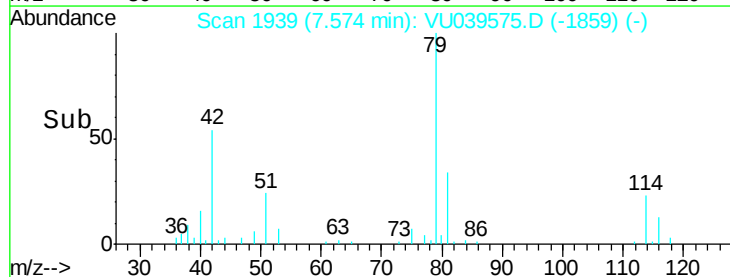
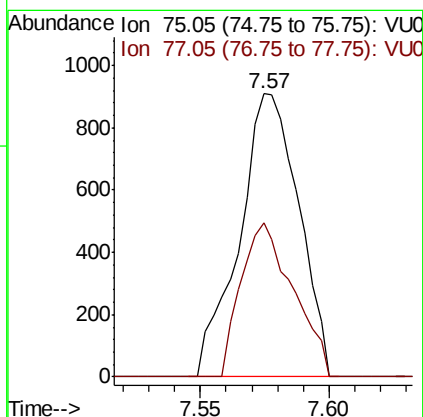
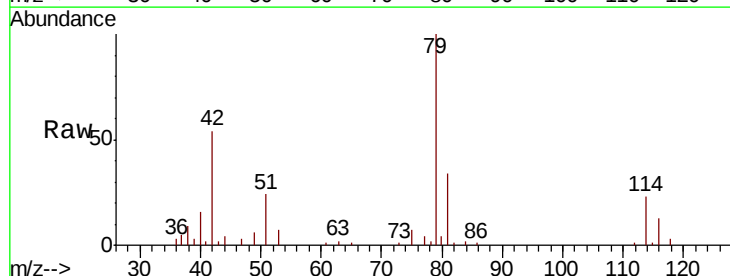
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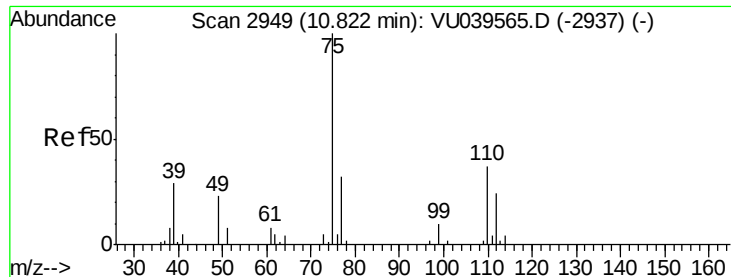
Tot Ion: 63 Resp: 4621
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.5 3.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.126 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039575.D
 Acq: 20 Jul 2020 17:11

Tgt Ion: 75 Resp: 1463
 Ion Ratio Lower Upper
 75 100
 77 54.6 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 1.210 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039575.D

Acq: 20 Jul 2020 17:11

Instrument :

MSVOA_U

ClientSampleId :

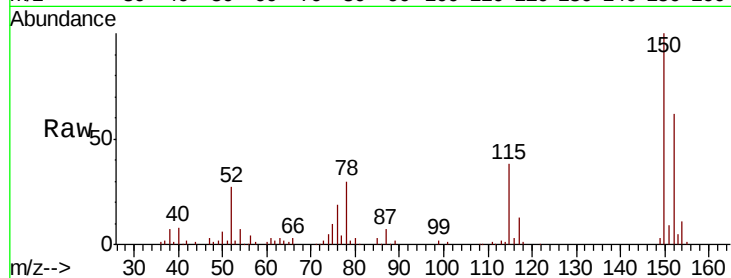
F4C35

Tot Ion: 75 Resp: 6824

Ion Ratio Lower Upper

75 100

77 35.8 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

