

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\
 Data File : VU039126.D
 Acq On : 25 Jun 2020 19:04
 Operator : SY/MD
 Sample : L3121-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F47

Quant Time: Jun 26 01:03:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 00:59:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	237816	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	245318	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	102545	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	80510	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.93	69	78471	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.00%
11) 1,1-Dichloroethene-d2	2.59	63	122758	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	4.67	46	368590	58.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.30%
24) Chloroform-d	5.10	84	182226	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	5.74	65	112252	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.76	84	340454	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.72	67	115972	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.92	98	256228	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	8.20	79	45159	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.65	63	268105	52.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.58%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	101031	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	103867	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

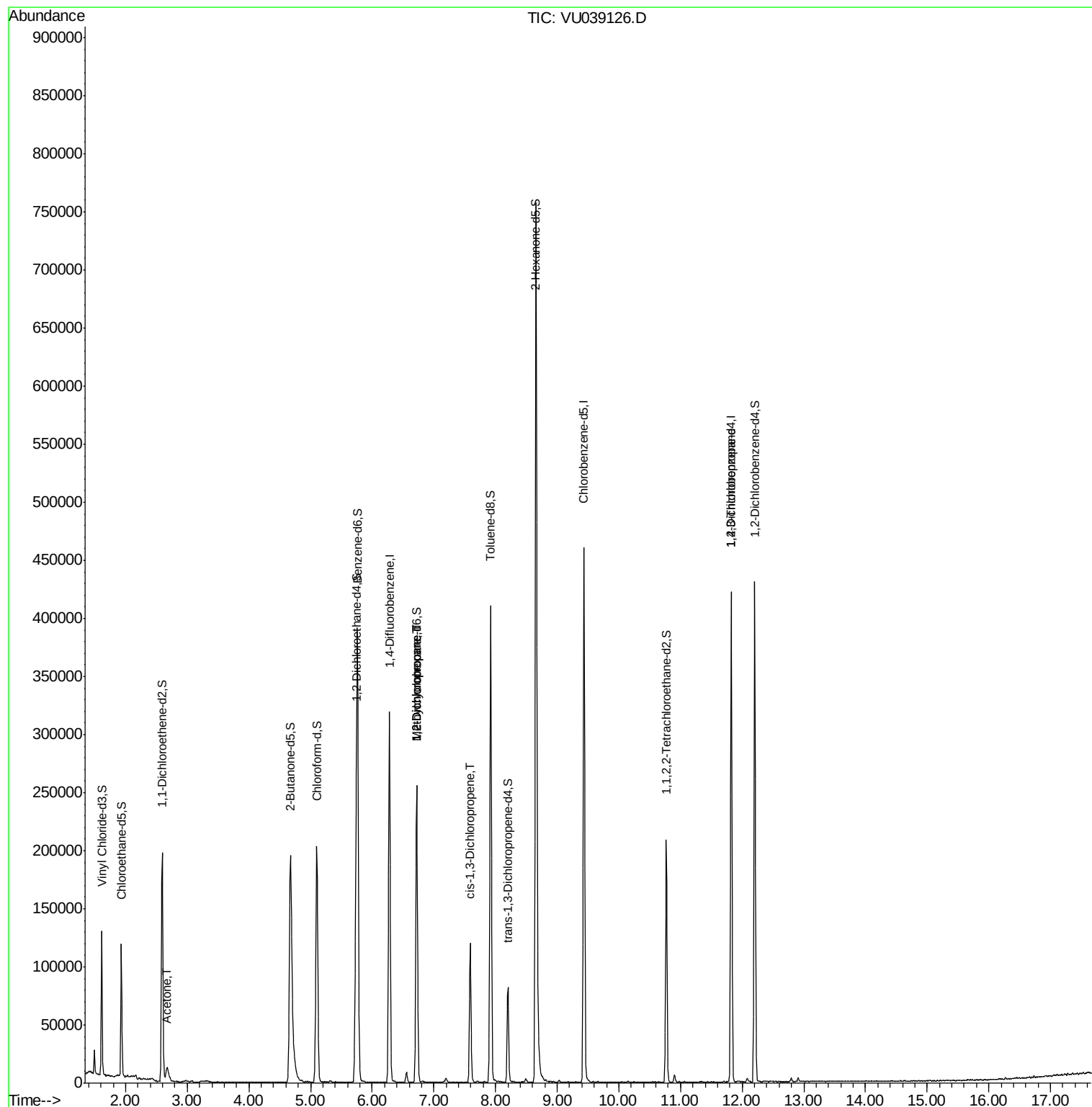
					Ovalue
13) Acetone	2.67	43	23626	5.536 ug/L	98
35) Methylcyclohexane	6.72	83	27432	0.992 ug/L #	21
37) 1,2-Dichloropropane	6.72	63	13023	0.624 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	2737	0.095 ug/L #	59
59) 1,2,3-Trichloropropane	11.82	75	14335	0.911 ug/L	91

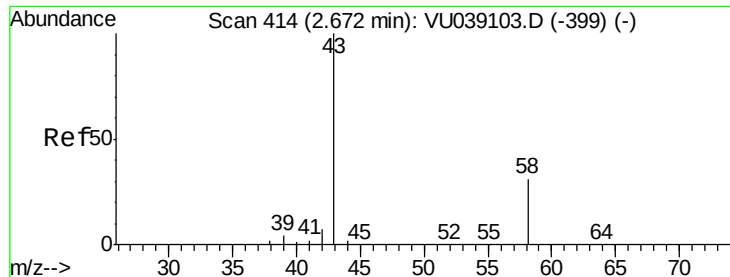
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.536 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.00 min

Lab File: VU039126.D

Acq: 25 Jun 2020 19:04

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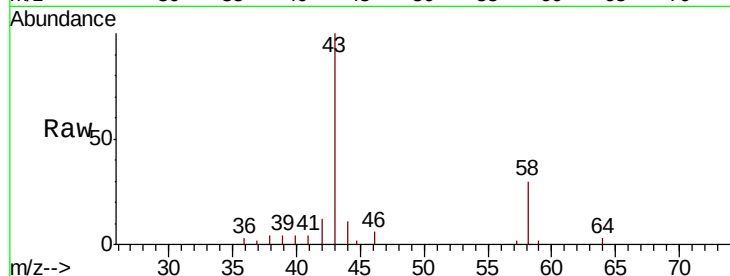
F9F47

Tot Ion: 43 Resp: 23626

Ion Ratio Lower Upper

43 100

58 31.1 0.0 64.4



Abundance Ion 43.05 (42.75 to 43.75): VU039103.D (-399) (-)

Ion 58.05 (57.75 to 58.75): VU039103.D (-399) (-)

2.67

8000

6000

4000

2000

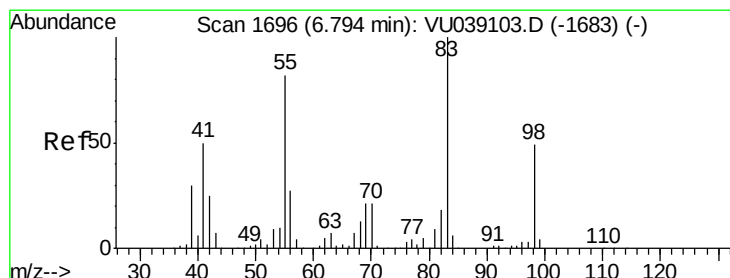
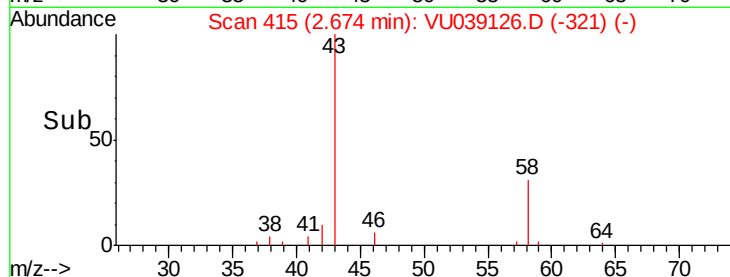
0

Time-->

2.60

2.70

2.80



#35

Methylcyclohexane

Concen: 0.992 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU039126.D

Acq: 25 Jun 2020 19:04

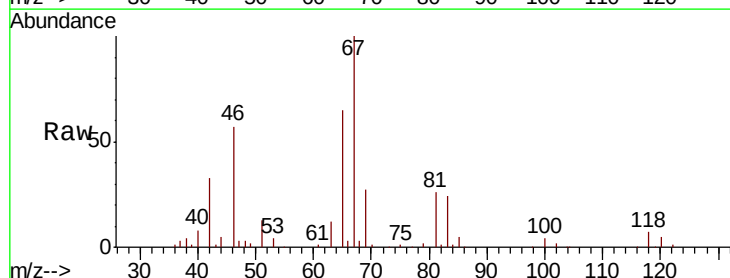
Tgt Ion: 83 Resp: 27432

Ion Ratio Lower Upper

83 100

55 0.4 65.5 98.3#

98 7.2 36.5 54.7#



Abundance Ion 83.15 (82.85 to 83.85): VU039103.D (-1683) (-)

Ion 55.10 (54.80 to 55.80): VU039103.D (-1683) (-)

Ion 98.15 (97.85 to 98.85): VU039103.D (-1683) (-)

6.72

20000

15000

10000

5000

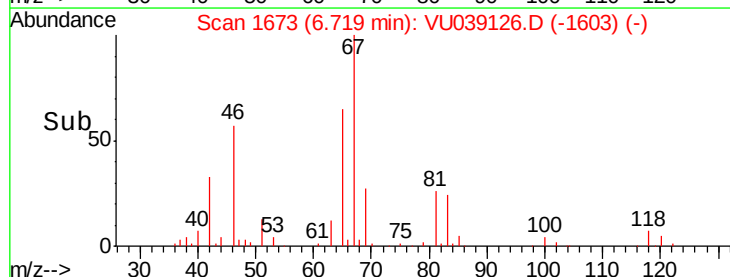
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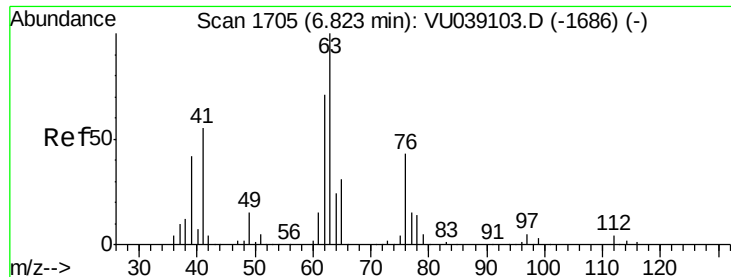
Time-->

6.65

6.70

6.75

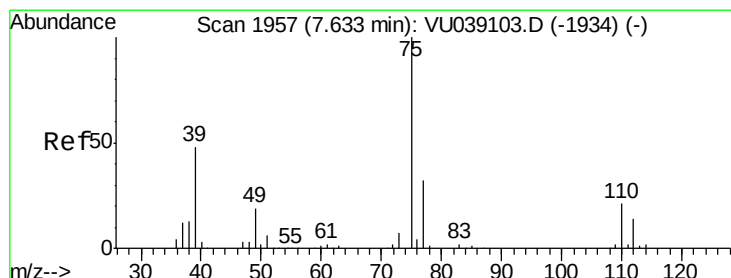
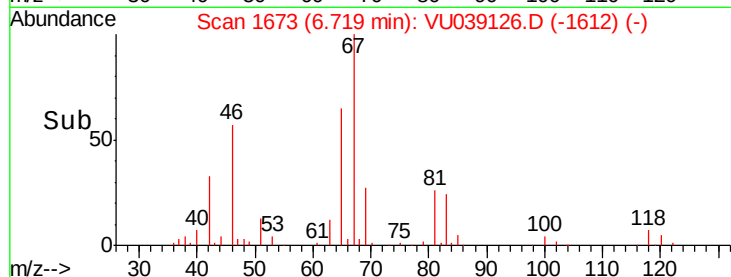
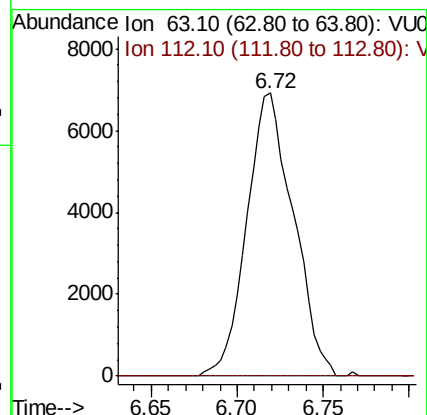
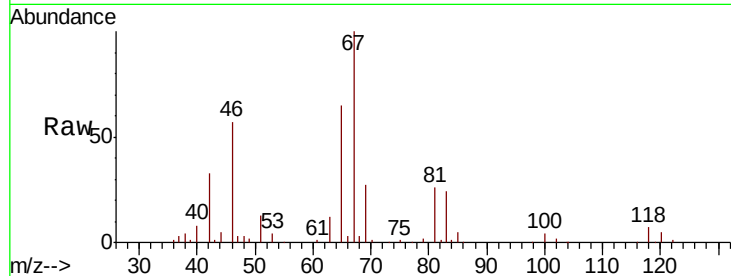




#37
 1,2-Dichloropropane
 Concen: 0.624 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU039126.D
 Acq: 25 Jun 2020 19:04

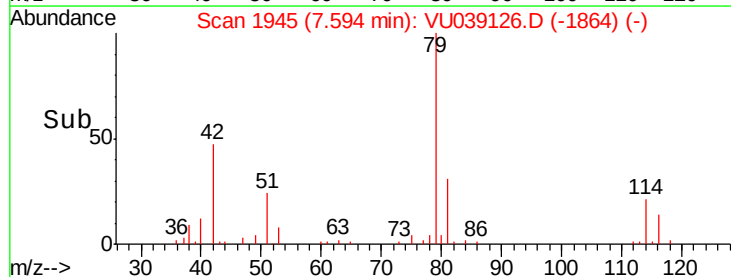
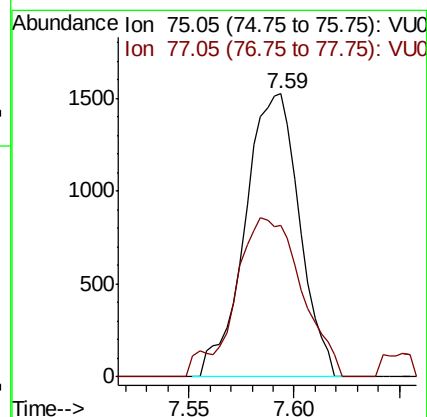
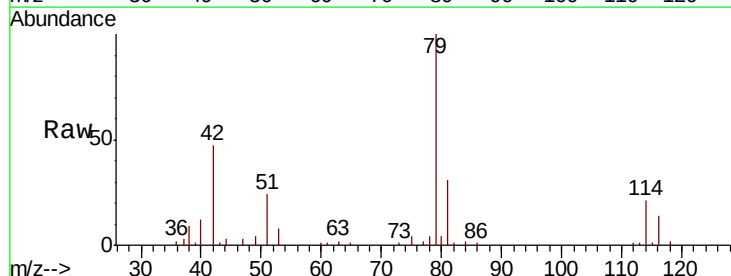
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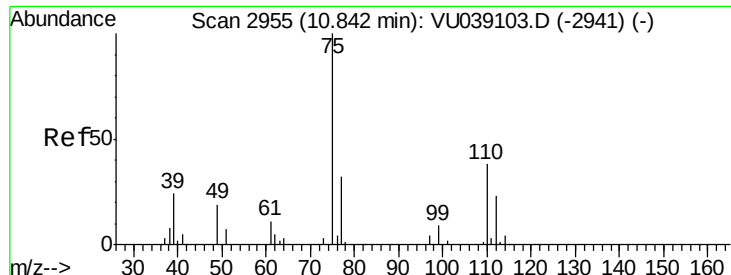
Tot Ion: 63 Resp: 13023
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU039126.D
 Acq: 25 Jun 2020 19:04

Tgt Ion: 75 Resp: 2737
 Ion Ratio Lower Upper
 75 100
 77 53.4 21.6 40.0#





#59

1,2,3-Trichloropropane

Concen: 0.911 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039126.D

Acq: 25 Jun 2020 19:04

Instrument :

MSVOA_U

ClientSampleId :

F9F47

Tot Ion: 75 Resp: 14335

Ion Ratio Lower Upper

75 100

77 37.9 26.2 39.2

