

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\
 Data File : VU039142.D
 Acq On : 26 Jun 2020 02:59
 Operator : SY/MD
 Sample : L3104-08 40X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q45

Quant Time: Jun 26 04:23:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 04:20:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	234644	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	228048	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	93762	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	71230	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.93	69	72932	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.59	63	111294	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.68	46	406927	65.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.24%#
24) Chloroform-d	5.10	84	179501	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.74	65	116654	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.20%
32) Benzene-d6	5.76	84	326686	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.72	67	117514	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.60%
41) Toluene-d8	7.92	98	235814	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	8.20	79	44285	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
46) 2-Hexanone-d5	8.66	63	294748	61.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.68%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	108062	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	97710	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

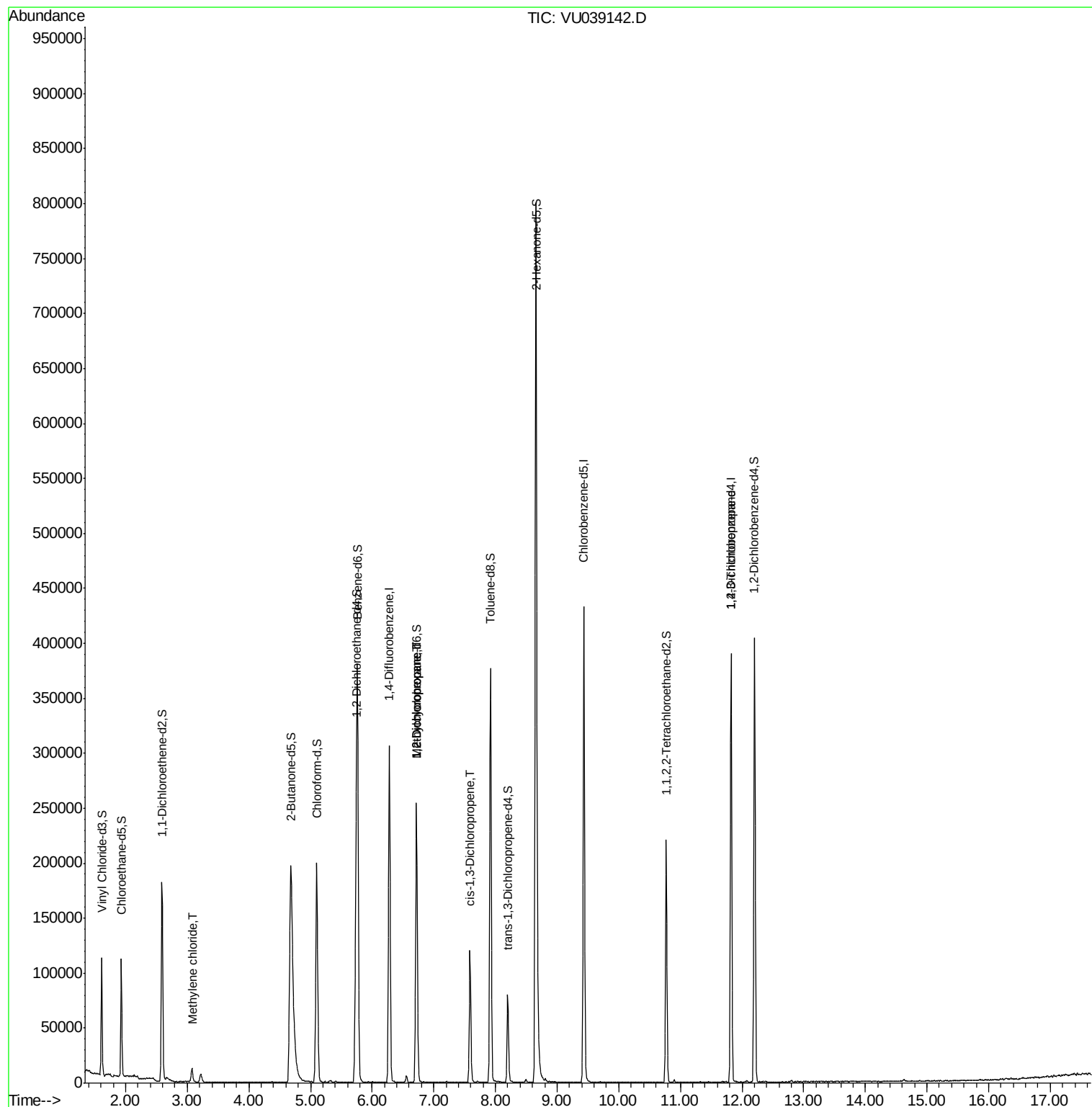
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.08	84	5727	0.286	ug/L	98
35) Methylcyclohexane	6.72	83	27076	1.053	ug/L #	19
37) 1,2-Dichloropropane	6.72	63	12868	0.663	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3134	0.116	ug/L #	69
59) 1,2,3-Trichloropropane	11.82	75	13380	0.914	ug/L	90

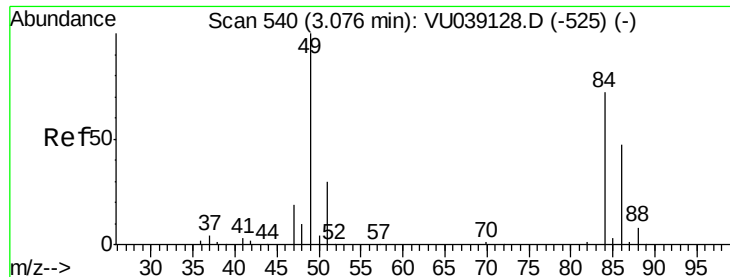
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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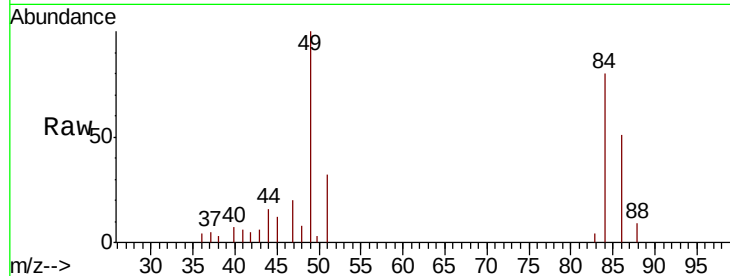




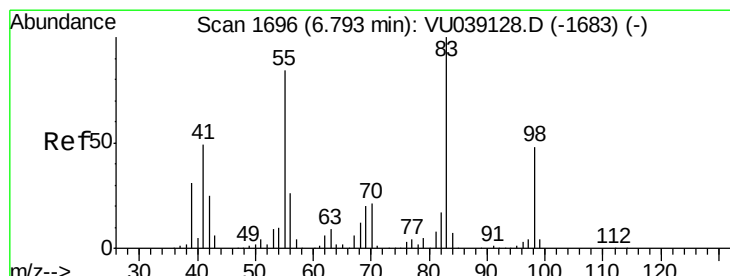
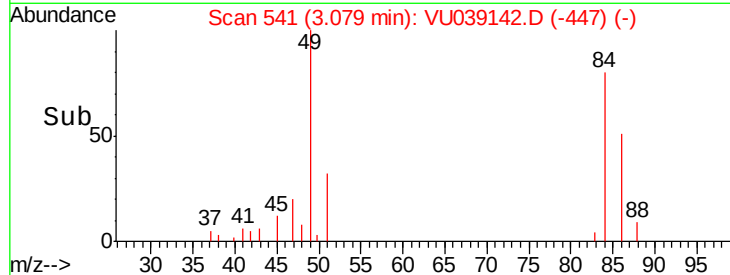
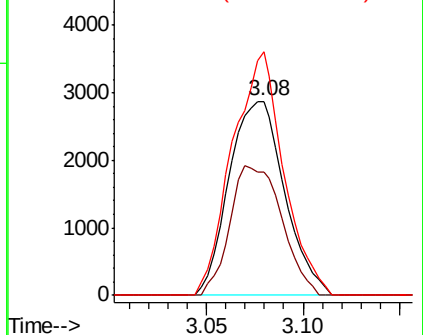
#16
Methylene chloride
Concen: 0.286 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU039142.D
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Tot Ion: 84 Resp: 5727
Ion Ratio Lower Upper
84 100
86 63.5 44.1 81.9
49 129.2 93.1 172.9

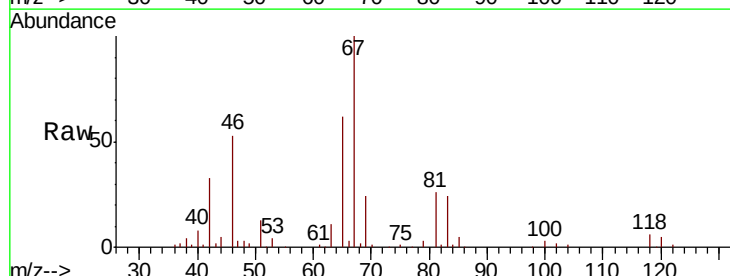


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

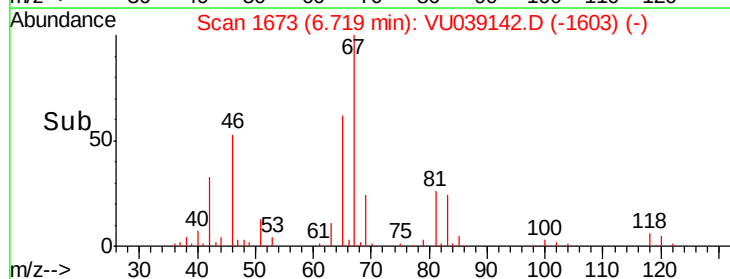
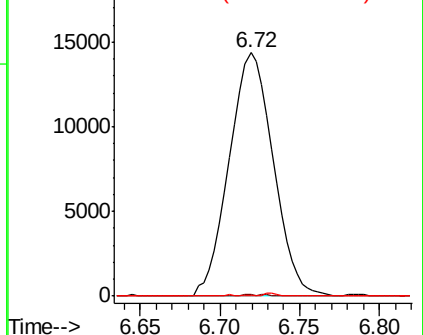


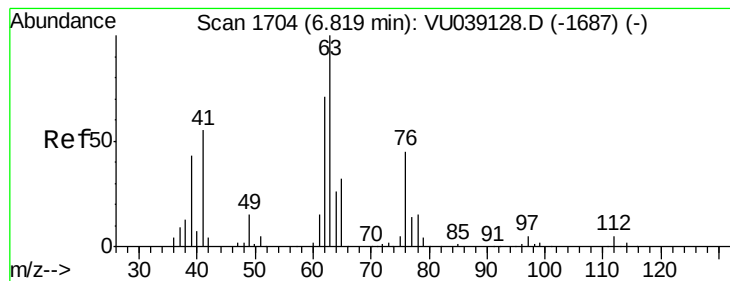
#35
Methylcyclohexane
Concen: 1.053 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039142.D
Acq: 26 Jun 2020 02:59

Tgt Ion: 83 Resp: 27076
Ion Ratio Lower Upper
83 100
55 0.2 65.5 98.3#
98 4.6 36.5 54.7#



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: 0.663 ug/L

RT: 6.72 min Scan# 1672

Delta R.T. -0.10 min

Lab File: VU039142.D

Acq: 26 Jun 2020 02:59

Instrument :

MSVOA_U

ClientSampleId :

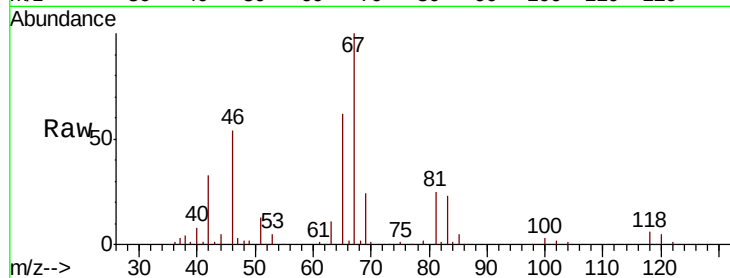
F9Q45

Tot Ion: 63 Resp: 12868

Ion Ratio Lower Upper

63 100

112 0.2 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU039142.D (-1672) (-)

Ion 112.10 (111.80 to 112.80): VU039142.D (-1672) (-)

6.72

8000

6000

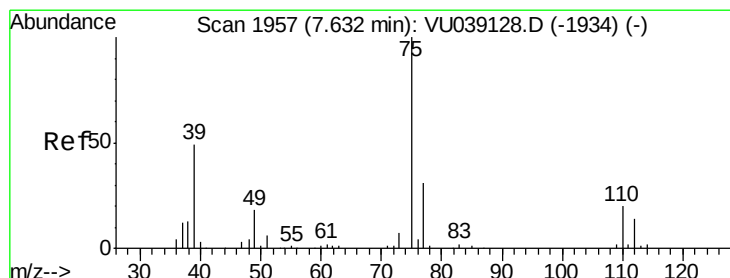
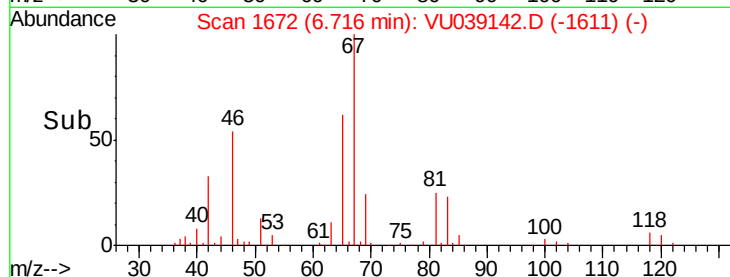
4000

2000

0

6.65 6.70 6.75 6.80

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.116 ug/L

RT: 7.59 min Scan# 1943

Delta R.T. -0.05 min

Lab File: VU039142.D

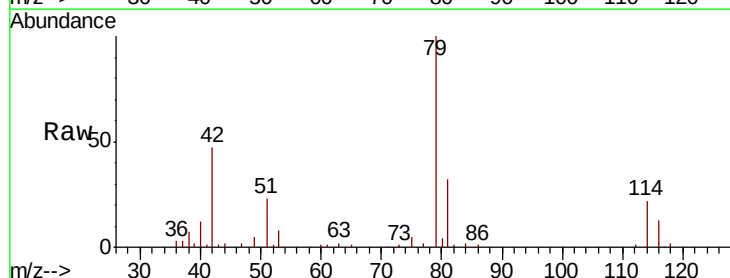
Acq: 26 Jun 2020 02:59

Tgt Ion: 75 Resp: 3134

Ion Ratio Lower Upper

75 100

77 47.7 21.6 40.0#



Abundance Ion 75.05 (74.75 to 75.75): VU039142.D (-1864) (-)

Ion 77.05 (76.75 to 77.75): VU039142.D (-1864) (-)

7.59

2000

1500

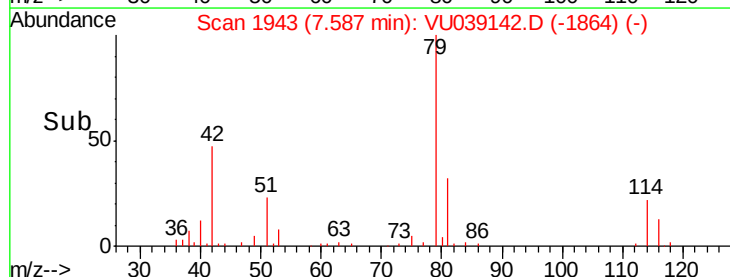
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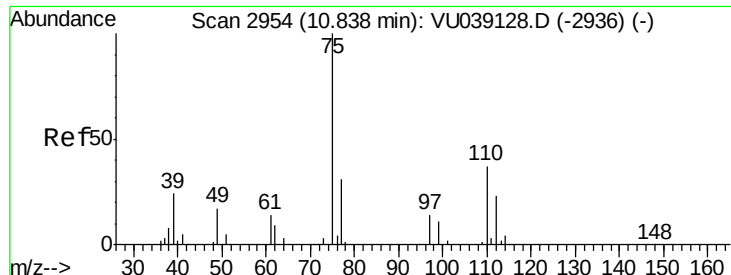
500

0

7.55 7.60 7.65

Time-->





#59

1,2,3-Trichloropropane

Concen: 0.914 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039142.D

Acq: 26 Jun 2020 02:59

Instrument :

MSVOA_U

ClientSampleId :

F9Q45

Tot Ion: 75 Resp: 13380

Ion Ratio Lower Upper

75 100

77 38.3 26.2 39.2

