

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\
 Data File : VU039141.D
 Acq On : 26 Jun 2020 02:36
 Operator : SY/MD
 Sample : L3104-07 40X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q22

Quant Time: Jun 26 04:23:18 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	250147	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	245549	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	97944	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	73303	4.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	1.93	69	73125	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.59	63	109057	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	4.68	46	404341	61.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.32%
24) Chloroform-d	5.10	84	182729	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.74	65	119424	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.76	84	328489	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.72	67	116367	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.92	98	240738	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	8.20	79	46135	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.65	63	299390	58.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.66%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	110747	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	97759	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

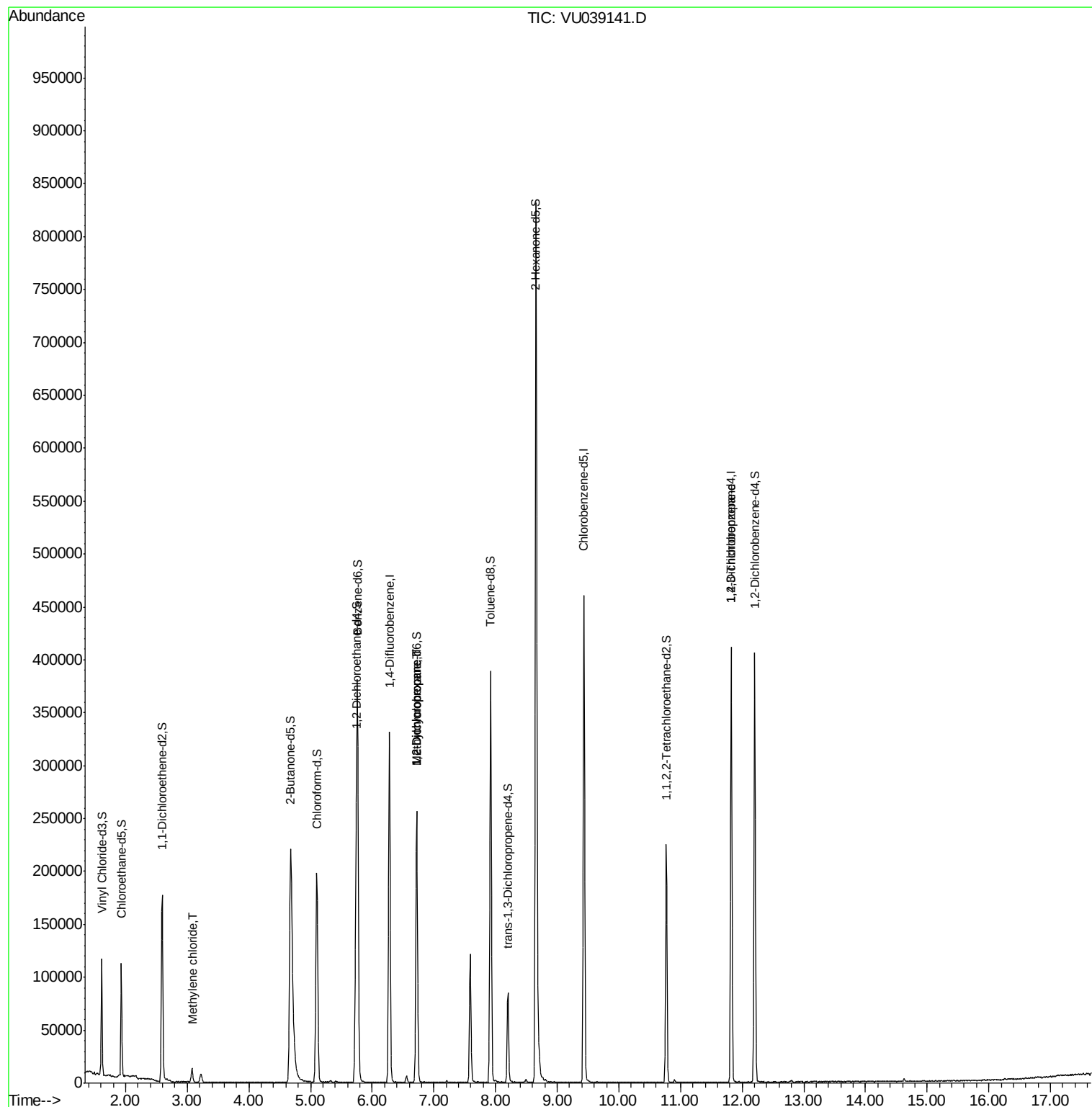
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.08	84	5814	0.272	ug/L	95
35) Methylcyclohexane	6.72	83	27656	0.999	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	12668	0.606	ug/L #	87
59) 1,2,3-Trichloropropane	11.82	75	13716	0.870	ug/L #	86

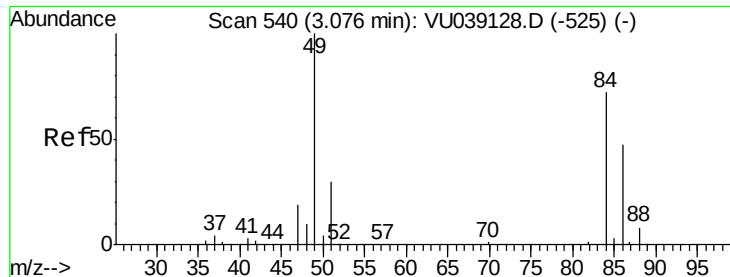
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

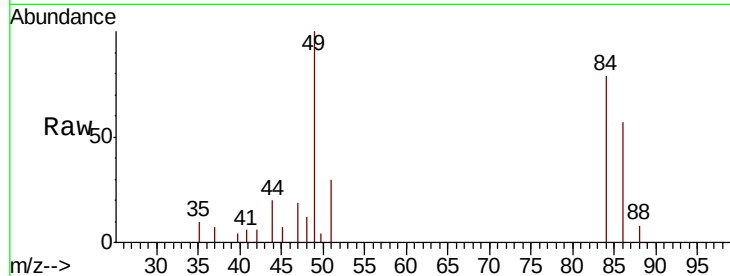




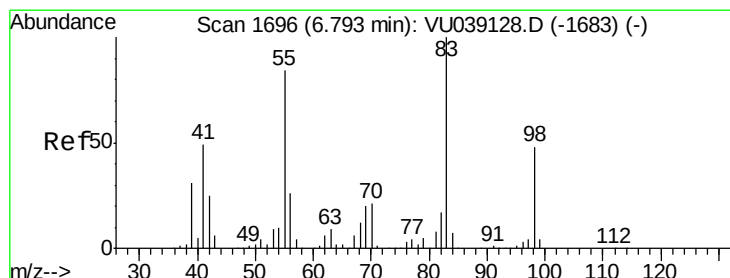
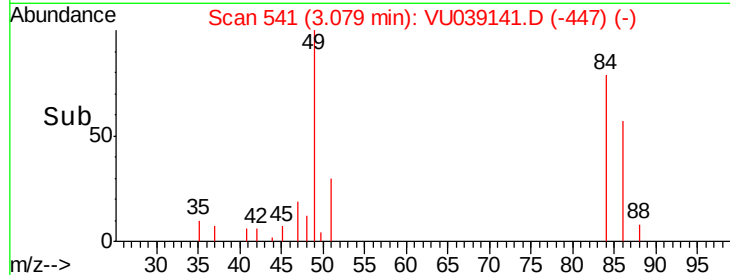
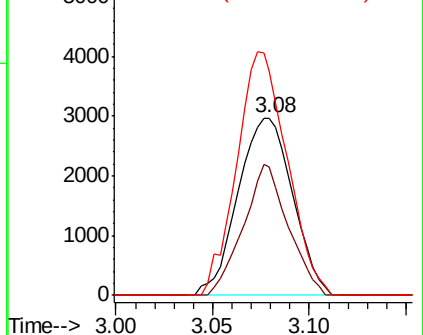
#16
Methylene chloride
Concen: 0.272 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU039141.D
Acq: 26 Jun 2020 02:36

Instrument :
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ClientSampleId :
F9Q22

Tot Ion: 84 Resp: 5814
Ion Ratio Lower Upper
84 100
86 72.4 44.1 81.9
49 131.4 93.1 172.9

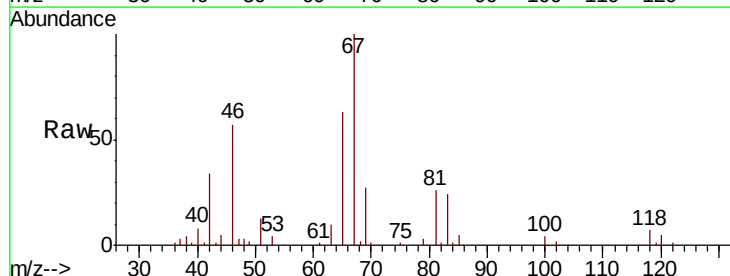


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

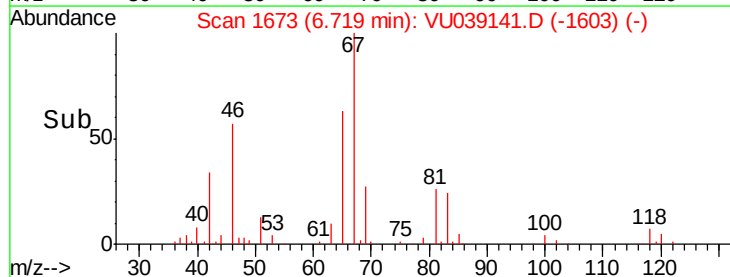
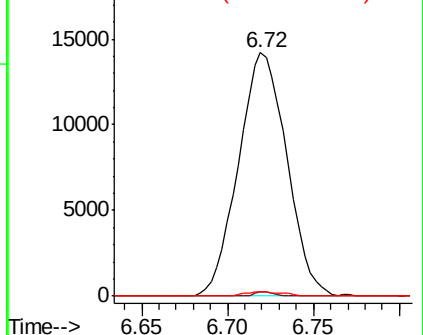


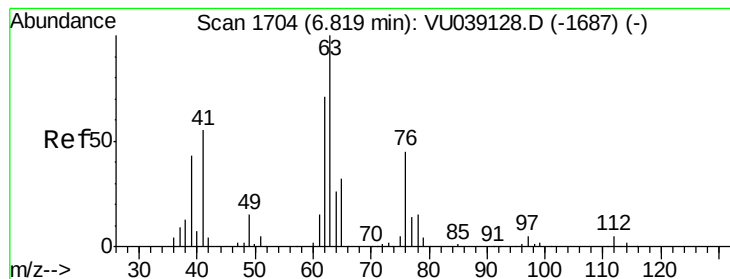
#35
Methylcyclohexane
Concen: 0.999 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039141.D
Acq: 26 Jun 2020 02:36

Tgt Ion: 83 Resp: 27656
Ion Ratio Lower Upper
83 100
55 0.6 65.5 98.3#
98 1.4 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: 0.606 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU039141.D

Acq: 26 Jun 2020 02:36

Instrument :

MSVOA_U

ClientSampleId :

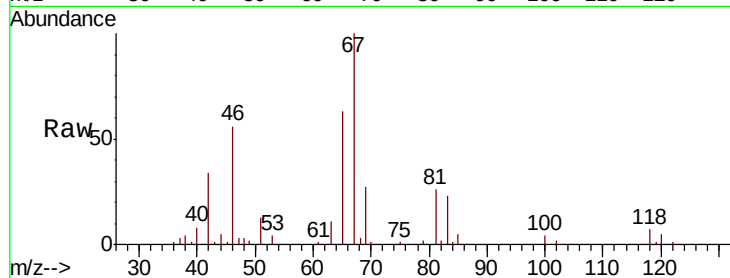
F9Q22

Tot Ion: 63 Resp: 12668

Ion Ratio Lower Upper

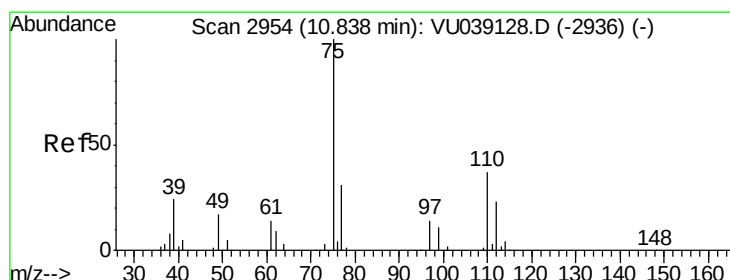
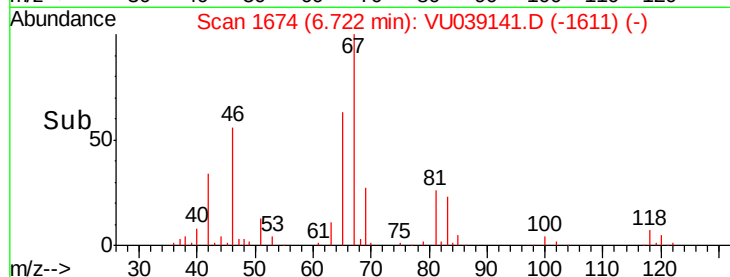
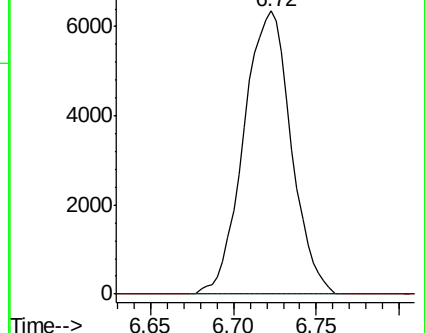
63 100

112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU039128.D (-1687) (-)

Ion 112.10 (111.80 to 112.80): VU039128.D (-1687) (-)



#59

1,2,3-Trichloropropane

Concen: 0.870 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039141.D

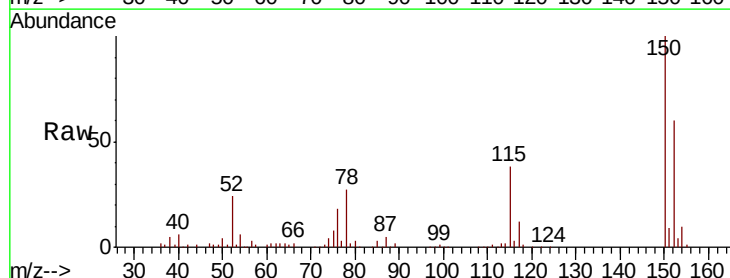
Acq: 26 Jun 2020 02:36

Tgt Ion: 75 Resp: 13716

Ion Ratio Lower Upper

75 100

77 40.4 26.2 39.2#



Abundance Ion 75.00 (74.70 to 75.70): VU039128.D (-2936) (-)

Ion 77.00 (76.70 to 77.70): VU039128.D (-2936) (-)

