

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
 Data File : VU039188.D
 Acq On : 29 Jun 2020 14:05
 Operator : SY/MD
 Sample : L3121-02DL 40X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F01DL

Quant Time: Jun 30 01:38:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 30 01:35:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	252401	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	246217	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	110575	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	100373	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.93	69	82516	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.59	63	143651	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.68	46	347973	49.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.34%
24) Chloroform-d	5.10	84	182284	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.74	65	116024	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
32) Benzene-d6	5.76	84	356364	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.72	67	114588	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.92	98	284104	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	8.20	79	51812	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.66	63	256556	49.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.90%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	97281	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	114642	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

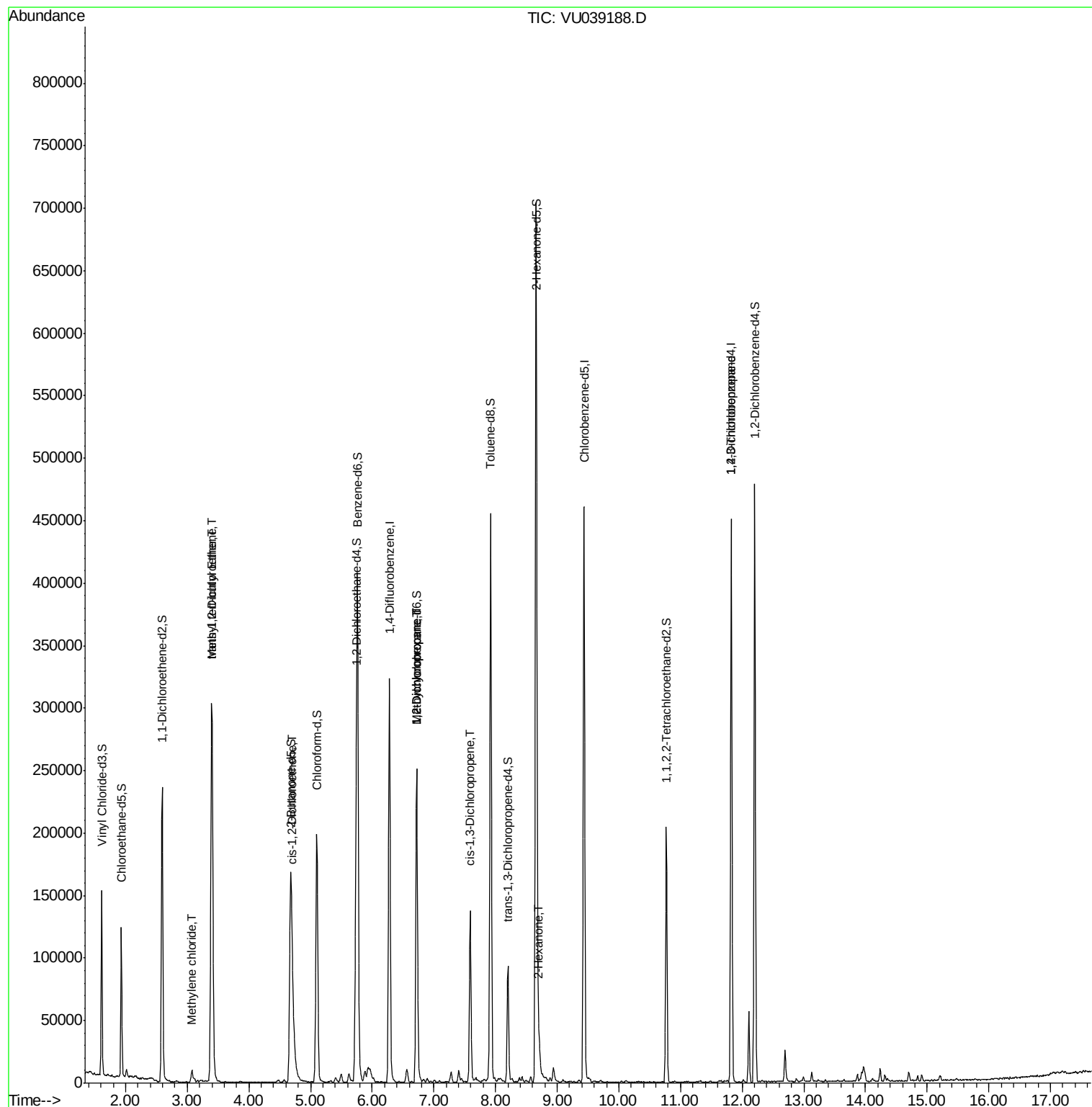
					Ovalue
16) Methylene chloride	3.08	84	3353	0.151 ug/L	88
17) Methyl tert-butyl Ether	3.40	73	326244	6.508 ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	4127	0.209 ug/L	74
22) cis-1,2-Dichloroethene	4.70	96	4469	0.225 ug/L	96
35) Methylcyclohexane	6.72	83	27053	0.895 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	13890	0.660 ug/L #	87
39) cis-1,3-Dichloropropene	7.58	75	3815	0.126 ug/L #	49
48) 2-Hexanone	8.71	43	12470	1.074 ug/L #	85
59) 1,2,3-Trichloropropane	11.83	75	14826	0.936 ug/L	91

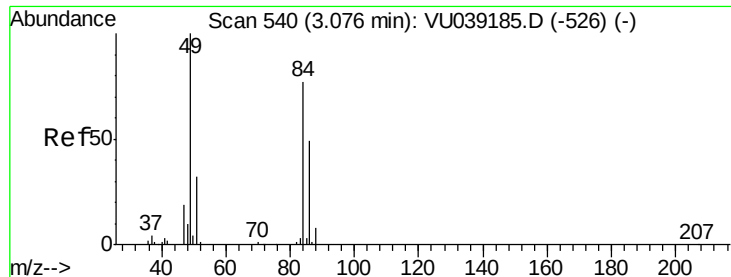
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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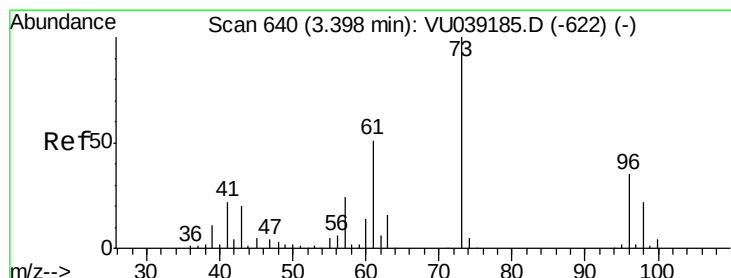
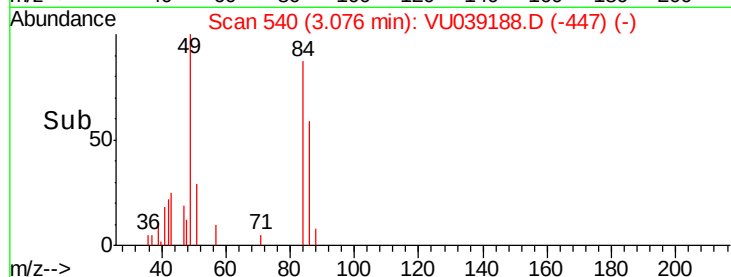
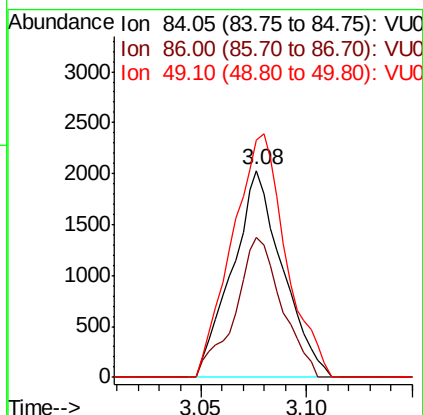
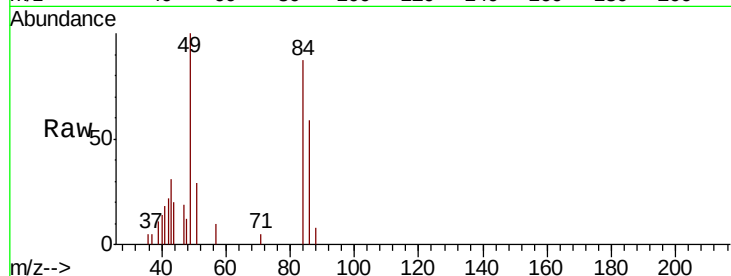




#16
Methvlene chloride
Concen: 0.151 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU039188.D
Acq: 29 Jun 2020 14:05

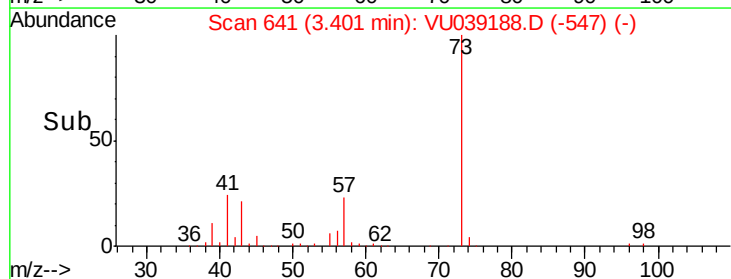
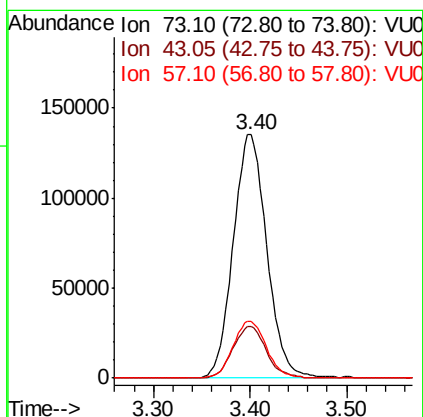
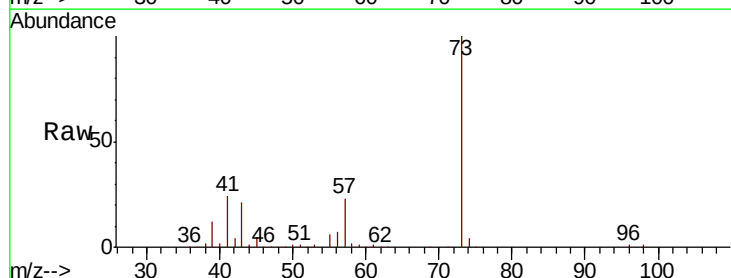
Instrument :
MSVOA_U
ClientSampleId :
F9F01DL

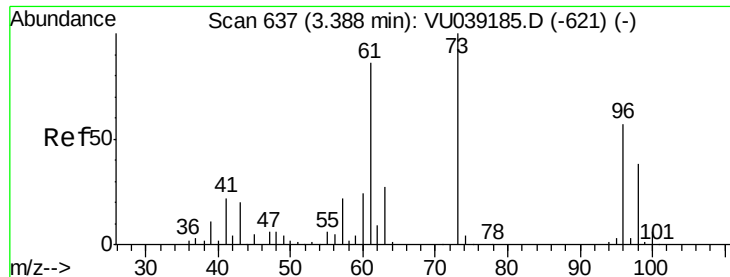
Tot Ion: 84 Resp: 3353
Ion Ratio Lower Upper
84 100
86 67.9 44.2 82.2
49 114.8 93.2 173.0



#17
Methyl tert-butyl Ether
Concen: 6.508 ug/L
RT: 3.40 min Scan# 641
Delta R.T. 0.00 min
Lab File: VU039188.D
Acq: 29 Jun 2020 14:05

Tgt Ion: 73 Resp: 326244
Ion Ratio Lower Upper
73 100
43 21.1 17.4 26.0
57 23.3 17.9 26.9

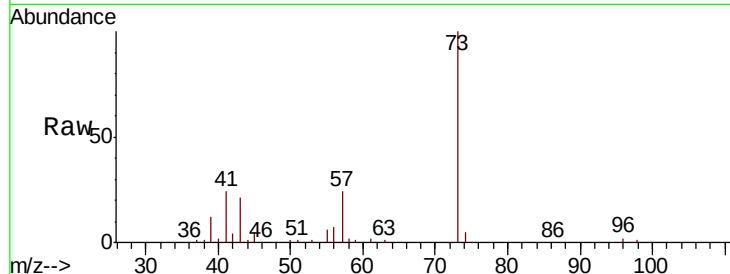




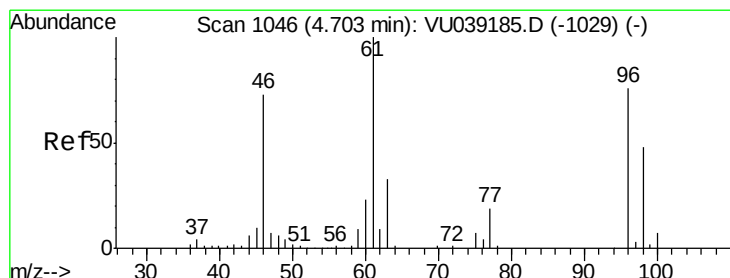
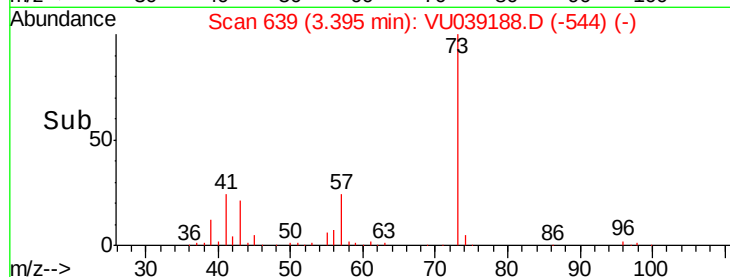
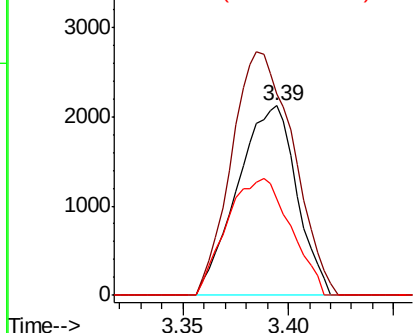
#18
trans-1,2-Dichloroethene
Concen: 0.209 ug/L
RT: 3.39 min Scan# 639
Delta R.T. 0.01 min
Lab File: VU039188.D
Acq: 29 Jun 2020 14:05

Instrument :
MSVOA_U
ClientSampleId :
F9F01DL

Tot Ion: 96 Resp: 4127
Ion Ratio Lower Upper
96 100
61 106.4 100.5 186.7
98 51.0 44.7 83.1

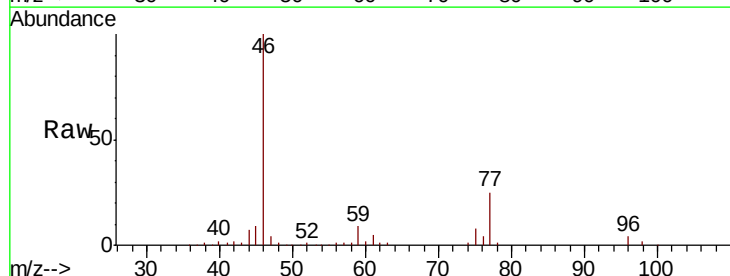


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

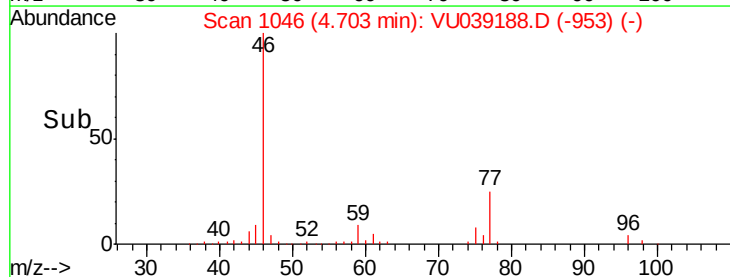
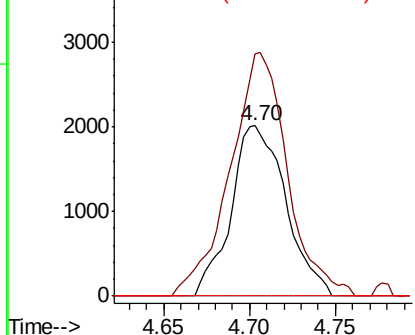


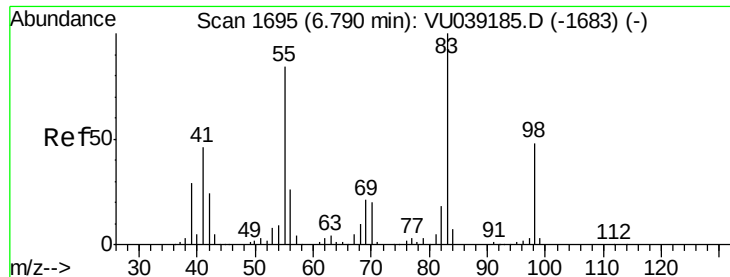
#22
cis-1,2-Dichloroethene
Concen: 0.225 ug/L
RT: 4.70 min Scan# 1046
Delta R.T. -0.00 min
Lab File: VU039188.D
Acq: 29 Jun 2020 14:05

Tgt Ion: 96 Resp: 4469
Ion Ratio Lower Upper
96 100
61 142.5 96.3 178.9
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0

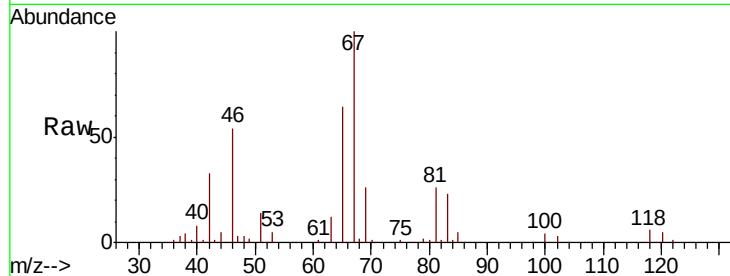




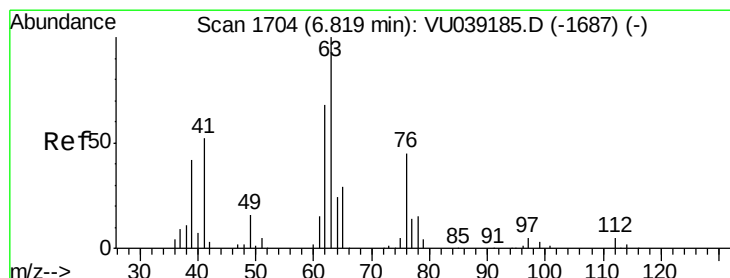
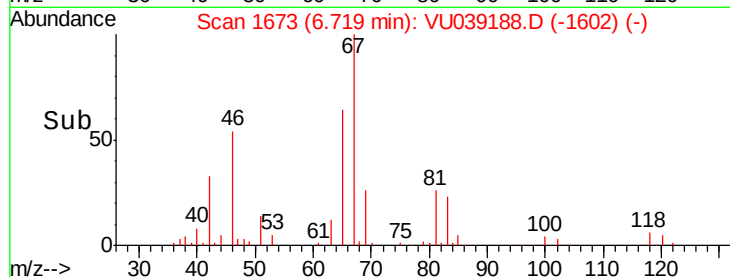
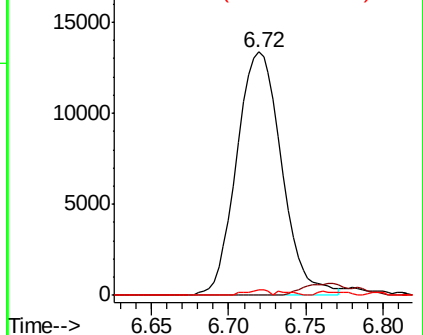
#35
Methylcyclohexane
Concen: 0.895 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039188.D
Acq: 29 Jun 2020 14:05

Instrument :
MSVOA_U
ClientSampleID :
F9F01DL

Tot Ion: 83 Resp: 27053
Ion Ratio Lower Upper
83 100
55 0.0 65.5 98.3#
98 1.1 38.2 57.4#

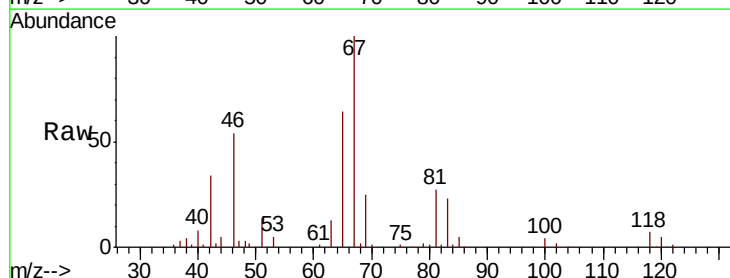


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

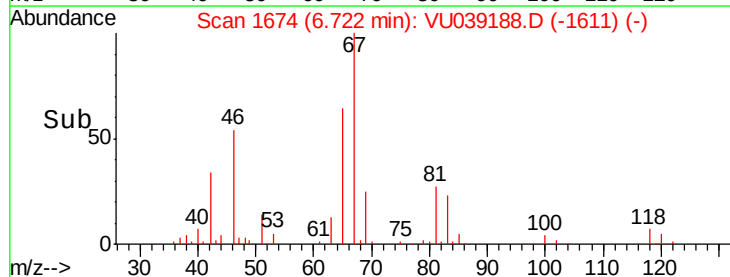
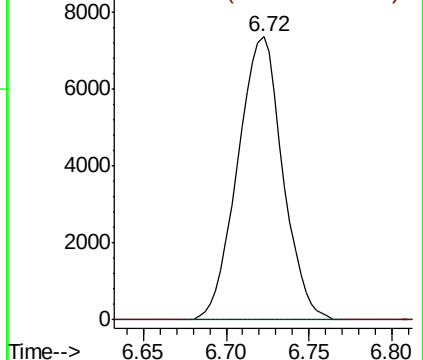


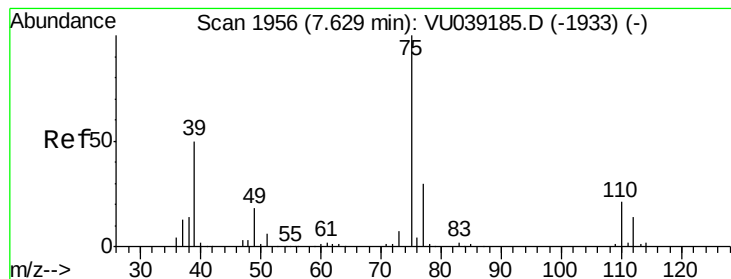
#37
1,2-Dichloropropane
Concen: 0.660 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU039188.D
Acq: 29 Jun 2020 14:05

Tgt Ion: 63 Resp: 13890
Ion Ratio Lower Upper
63 100
112 0.2 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



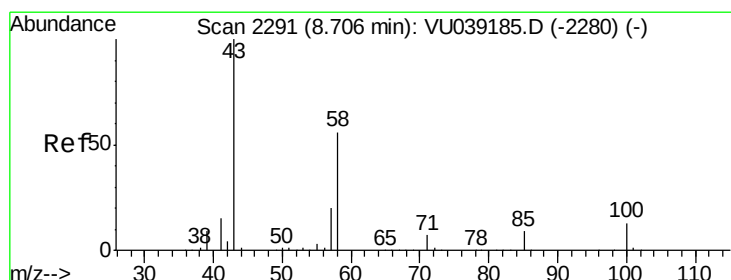
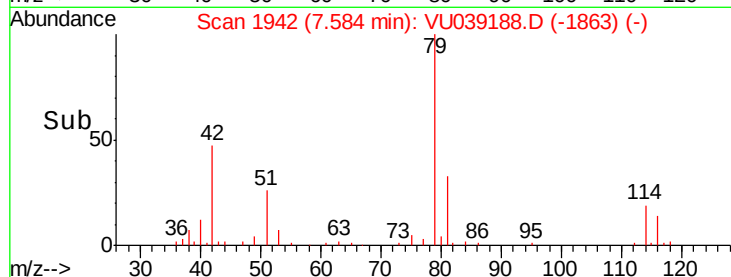
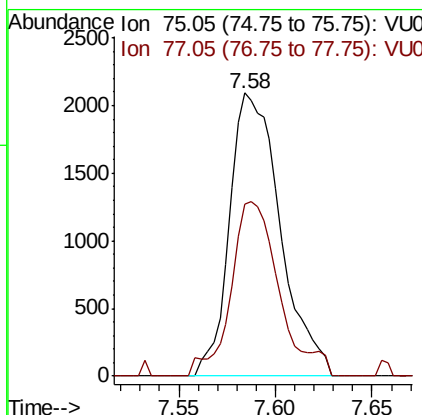
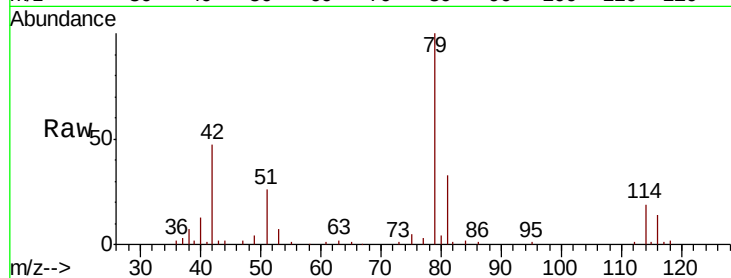


#39

cis-1,3-Dichloropropene
 Concen: 0.126 ug/L
 RT: 7.58 min Scan# 1942
 Delta R.T. -0.05 min
 Lab File: VU039188.D
 Acq: 29 Jun 2020 14:05

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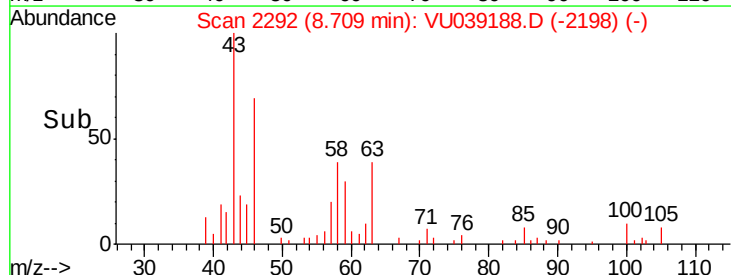
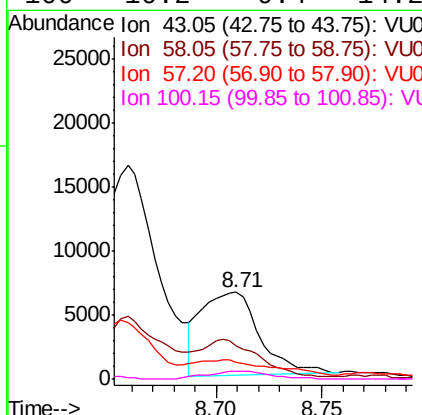
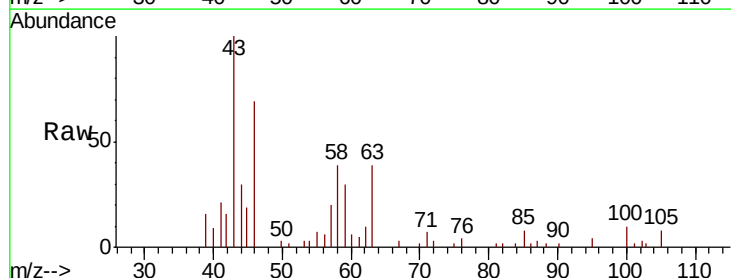
Tot Ion: 75 Resp: 3815
 Ion Ratio Lower Upper
 75 100
 77 60.8 22.7 42.1#

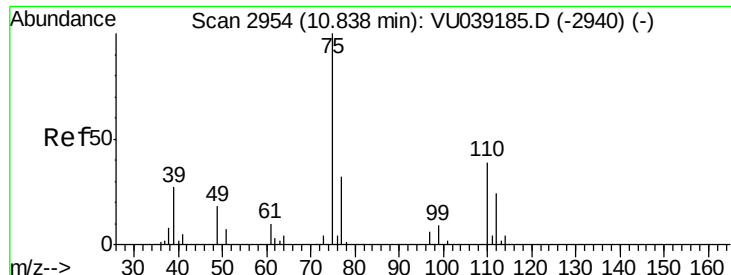


#48

2-Hexanone
 Concen: 1.074 ug/L
 RT: 8.71 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: VU039188.D
 Acq: 29 Jun 2020 14:05

Tgt Ion: 43 Resp: 12470
 Ion Ratio Lower Upper
 43 100
 58 45.1 43.6 65.4
 57 31.5 15.6 23.4#
 100 10.2 9.4 14.2





#59

1,2,3-Trichloropropane

Concen: 0.936 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU039188.D

Acq: 29 Jun 2020 14:05

Instrument :

MSVOA_U

ClientSampleId :

F9F01DL

Tot Ion: 75 Resp: 14826

Ion Ratio Lower Upper

75 100

77 36.8 25.6 38.4

