

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071320\
 Data File : VU039471.D
 Acq On : 13 Jul 2020 15:34
 Operator : SY/MD
 Sample : L3261-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Jul 14 07:15:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 14 07:08:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	91450	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	85863	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	39698	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	32363	6.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.20%
7) Chloroethane-d5	1.93	69	30887	5.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.00%
11) 1,1-Dichloroethene-d2	2.58	63	46118	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.40%
20) 2-Butanone-d5	4.66	46	120342	49.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.24%
24) Chloroform-d	5.09	84	60084	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	5.72	65	38257	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.75	84	120712	5.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.80%
36) 1,2-Dichloropropane-d6	6.71	67	41368	5.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.00%
41) Toluene-d8	7.91	98	109737	6.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.40%
43) trans-1,3-Dichloropropene-	8.19	79	17346	5.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.20%
46) 2-Hexanone-d5	8.64	63	86845	45.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.30%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	34750	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	40787	5.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.20%

Target Compounds

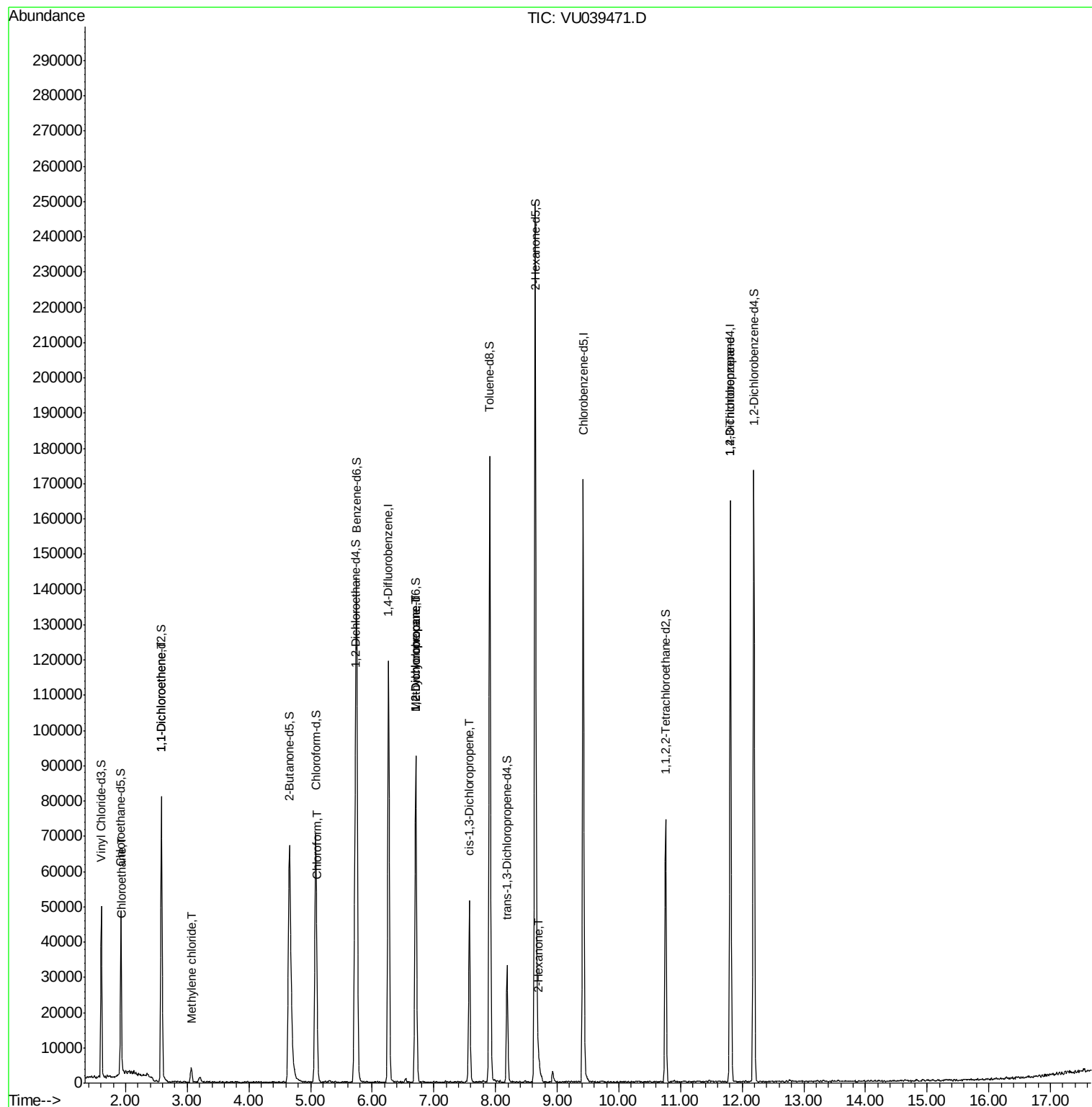
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.94	64	410	0.076	ug/L #	41
12) 1,1-Dichloroethene	2.58	96	359	0.066	ug/L #	1
16) Methylene chloride	3.06	84	1928	0.282	ug/L	88
25) Chloroform	5.11	83	2271	0.191	ug/L	89
35) Methylcyclohexane	6.71	83	9247	0.870	ug/L #	18
37) 1,2-Dichloropropane	6.71	63	4910	0.702	ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1425	0.135	ug/L #	60
48) 2-Hexanone	8.70	43	4778	1.110	ug/L #	87
59) 1,2,3-Trichloropropane	11.81	75	6103	1.183	ug/L #	84

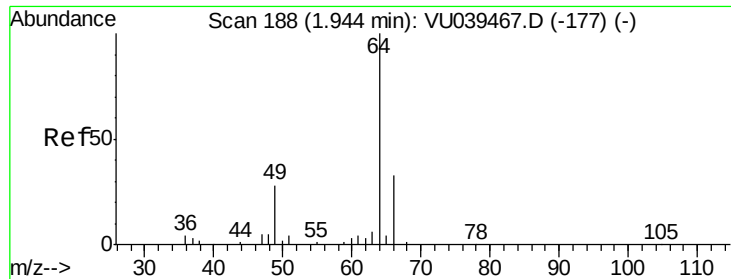
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.076 ug/L

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU039471.D

Acq: 13 Jul 2020 15:34

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ClientSampleId :

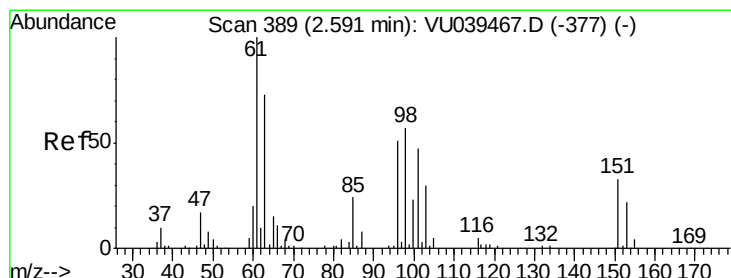
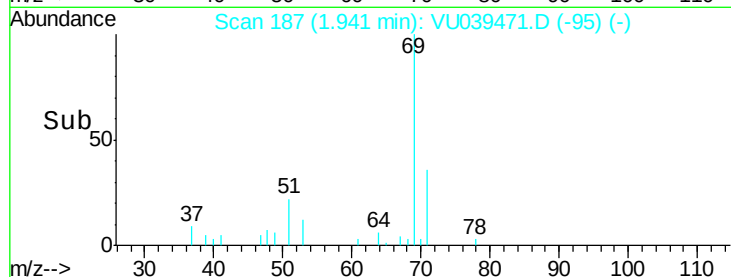
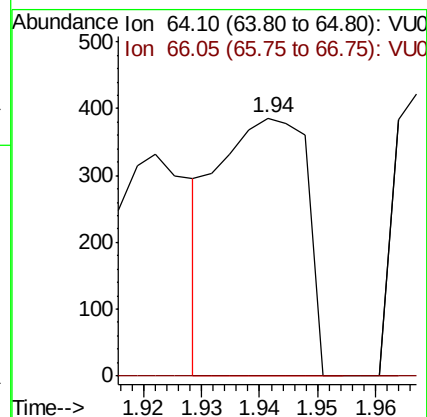
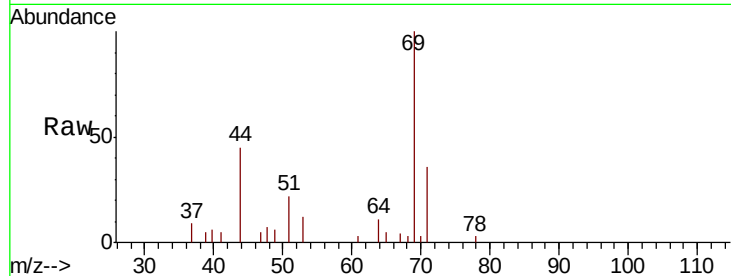
VHBLK01

Tot Ion: 64 Resp: 410

Ion Ratio Lower Upper

64 100

66 0.0 23.5 43.7#



#12

1,1-Dichloroethene

Concen: 0.066 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU039471.D

Acq: 13 Jul 2020 15:34

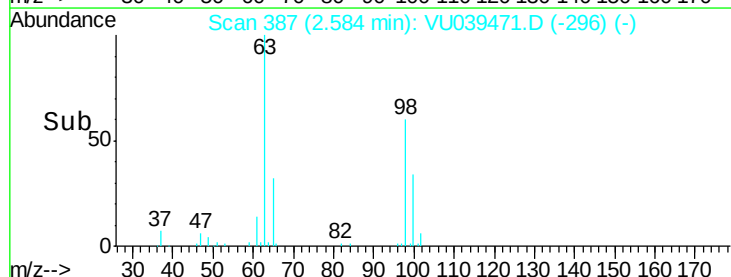
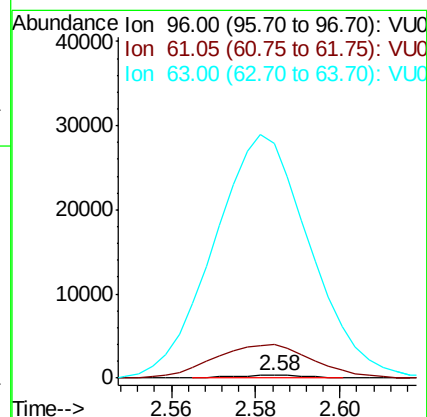
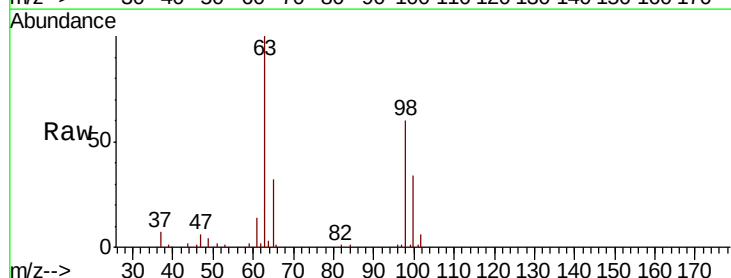
Tgt Ion: 96 Resp: 359

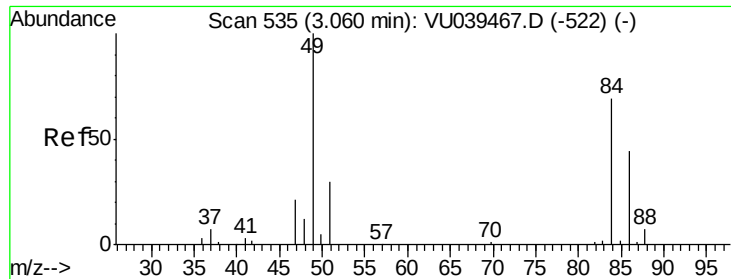
Ion Ratio Lower Upper

96 100

61 1202.1 125.4 232.8#

63 8457.1 92.7 172.3#

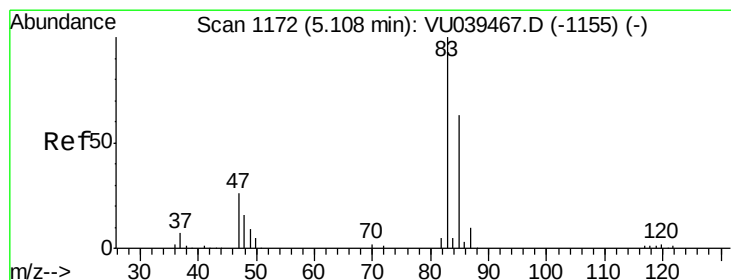
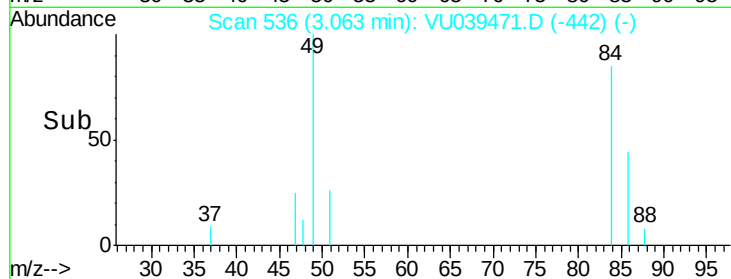
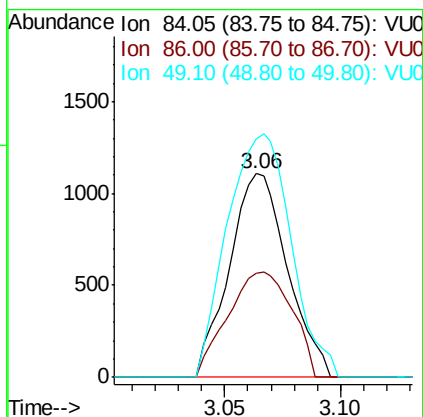
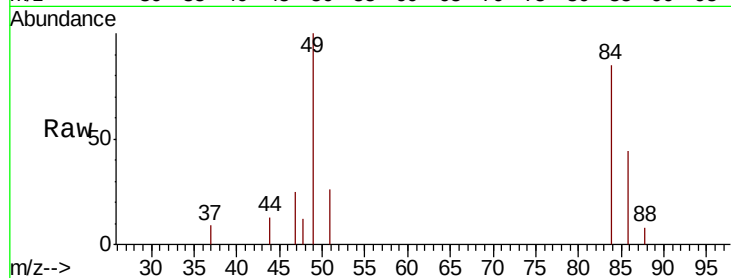




#16
Methylene chloride
Concen: 0.282 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU039471.D
Acq: 13 Jul 2020 15:34

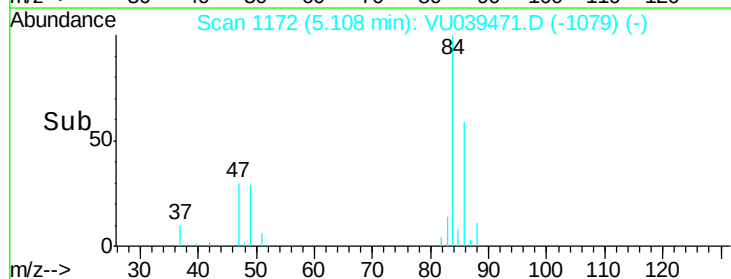
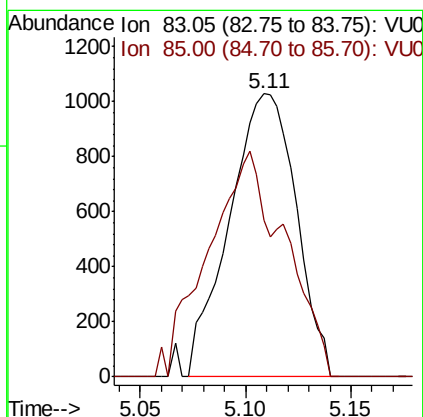
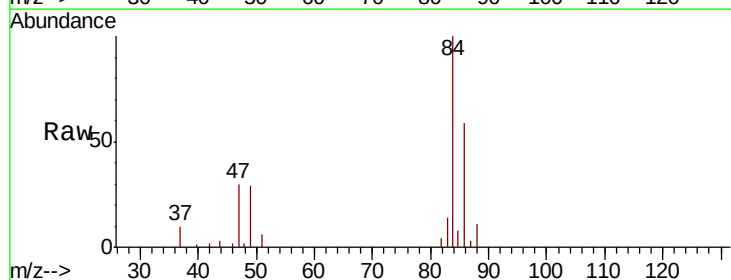
Instrument :
MSVOA_U
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VHBLK01

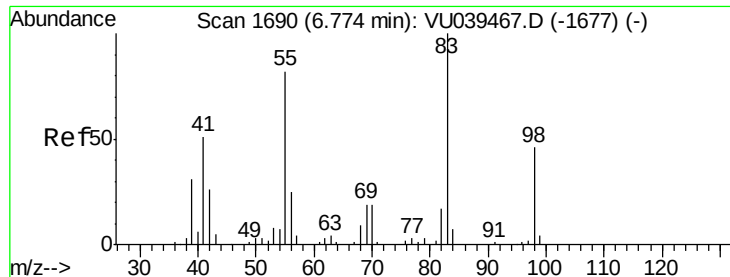
Tot Ion: 84 Resp: 1928
Ion Ratio Lower Upper
84 100
86 51.4 43.5 80.9
49 117.5 91.1 169.1



#25
Chloroform
Concen: 0.191 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039471.D
Acq: 13 Jul 2020 15:34

Tgt Ion: 83 Resp: 2271
Ion Ratio Lower Upper
83 100
85 55.4 44.9 83.5

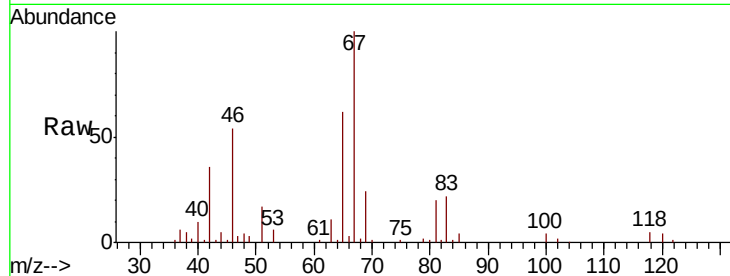




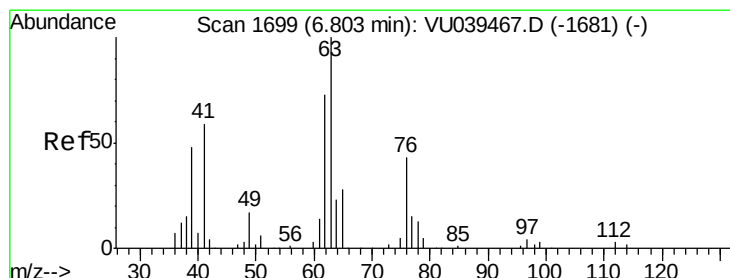
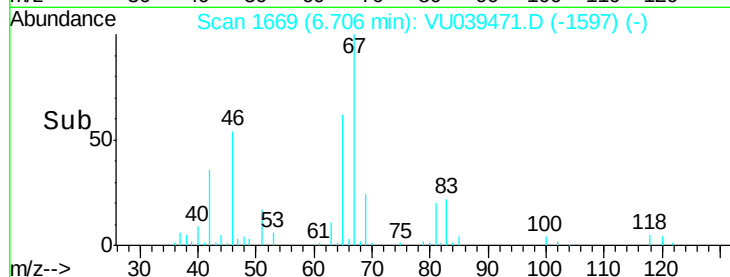
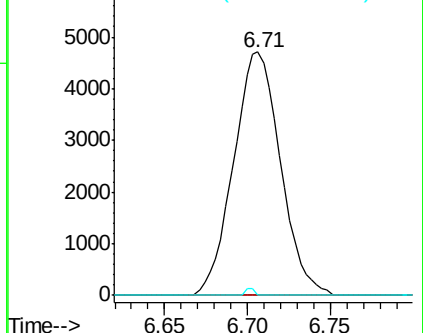
#35
Methylvlcyclohexane
Concen: 0.870 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039471.D
Acq: 13 Jul 2020 15:34

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tot Ion: 83 Resp: 9247
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.5 35.9 53.9#

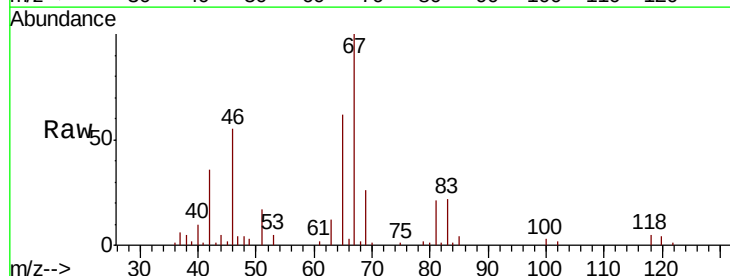


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

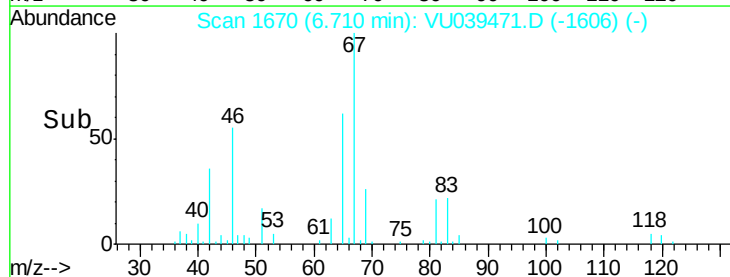
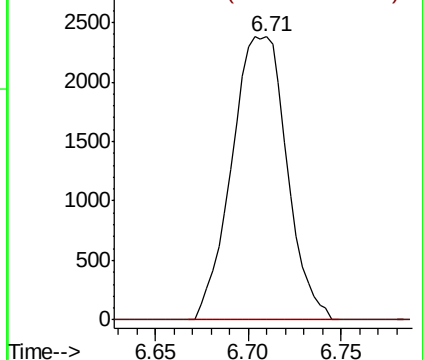


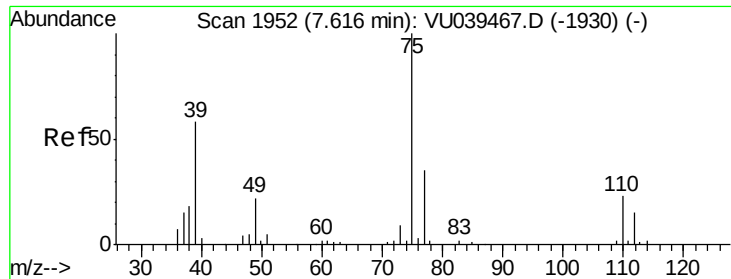
#37
1,2-Dichloropropane
Concen: 0.702 ug/L
RT: 6.71 min Scan# 1670
Delta R.T. -0.09 min
Lab File: VU039471.D
Acq: 13 Jul 2020 15:34

Tgt Ion: 63 Resp: 4910
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#



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: 0.135 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU039471.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_U

ClientSampleId :

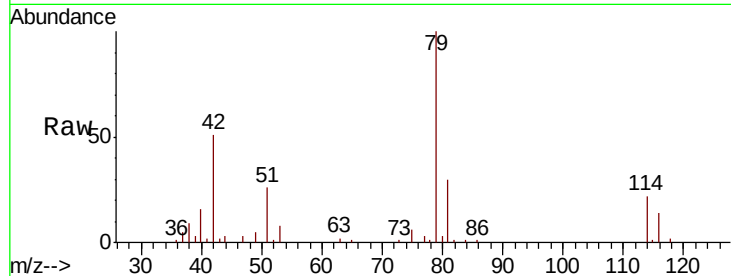
VHBLK01

Tot Ion: 75 Resp: 1425

Ion Ratio Lower Upper

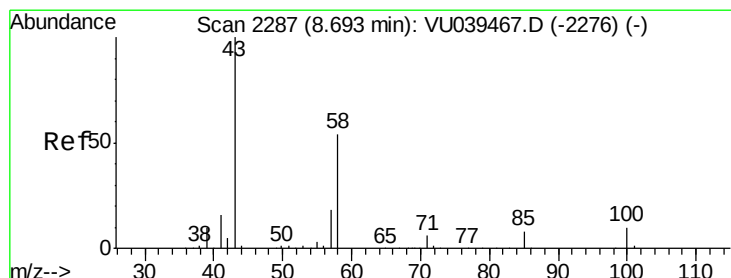
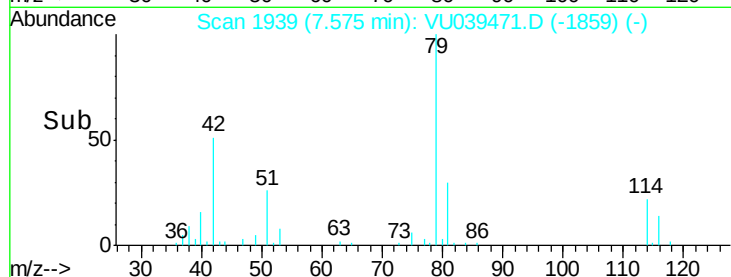
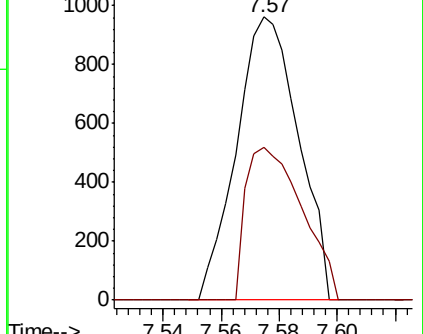
75 100

77 54.1 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#48

2-Hexanone

Concen: 1.110 ug/L

RT: 8.70 min Scan# 2288

Delta R.T. 0.00 min

Lab File: VU039471.D

Acq: 13 Jul 2020 15:34

Tgt Ion: 43 Resp: 4778

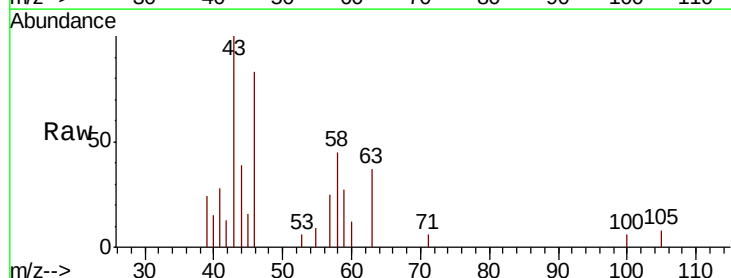
Ion Ratio Lower Upper

43 100

58 42.8 42.0 63.0

57 15.4 14.0 21.0

100 2.7 8.2 12.2#

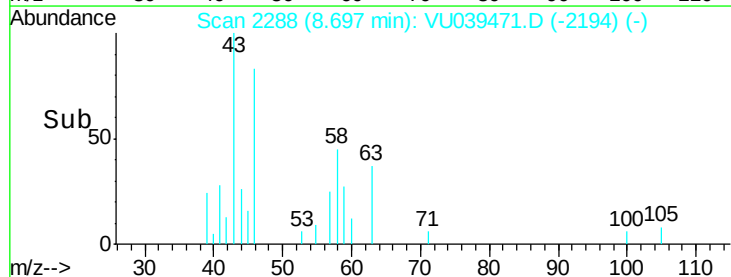
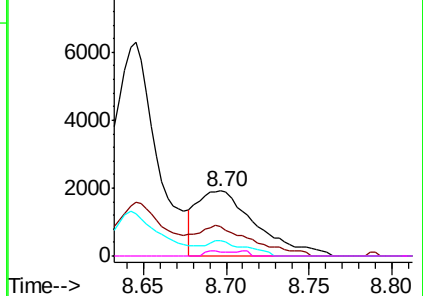


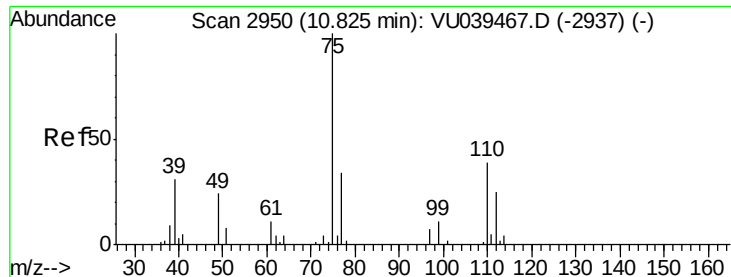
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#59

1,2,3-Trichloropropane

Concen: 1.183 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.98 min

Lab File: VU039471.D

Acq: 13 Jul 2020 15:34

Instrument :

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ClientSampleId :

VHBLK01

Tot Ion: 75 Resp: 6103

Ion Ratio Lower Upper

75 100

77 42.5 26.8 40.2#

