

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101120\
 Data File : VU040646.D
 Acq On : 10 Oct 2020 19:47
 Operator : SY/MD
 Sample : L4352-23
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Oct 12 07:16:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 12 07:06:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	123933	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	128406	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57686	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	46199	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.92	69	39157	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.58	63	68846	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	4.65	46	188272	57.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.58%
24) Chloroform-d	5.08	84	90360	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.72	65	57411	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.74	84	169368	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.70	67	57496	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.91	98	139718	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	8.19	79	23800	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.64	63	135625	54.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.08%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52954	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	56445	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

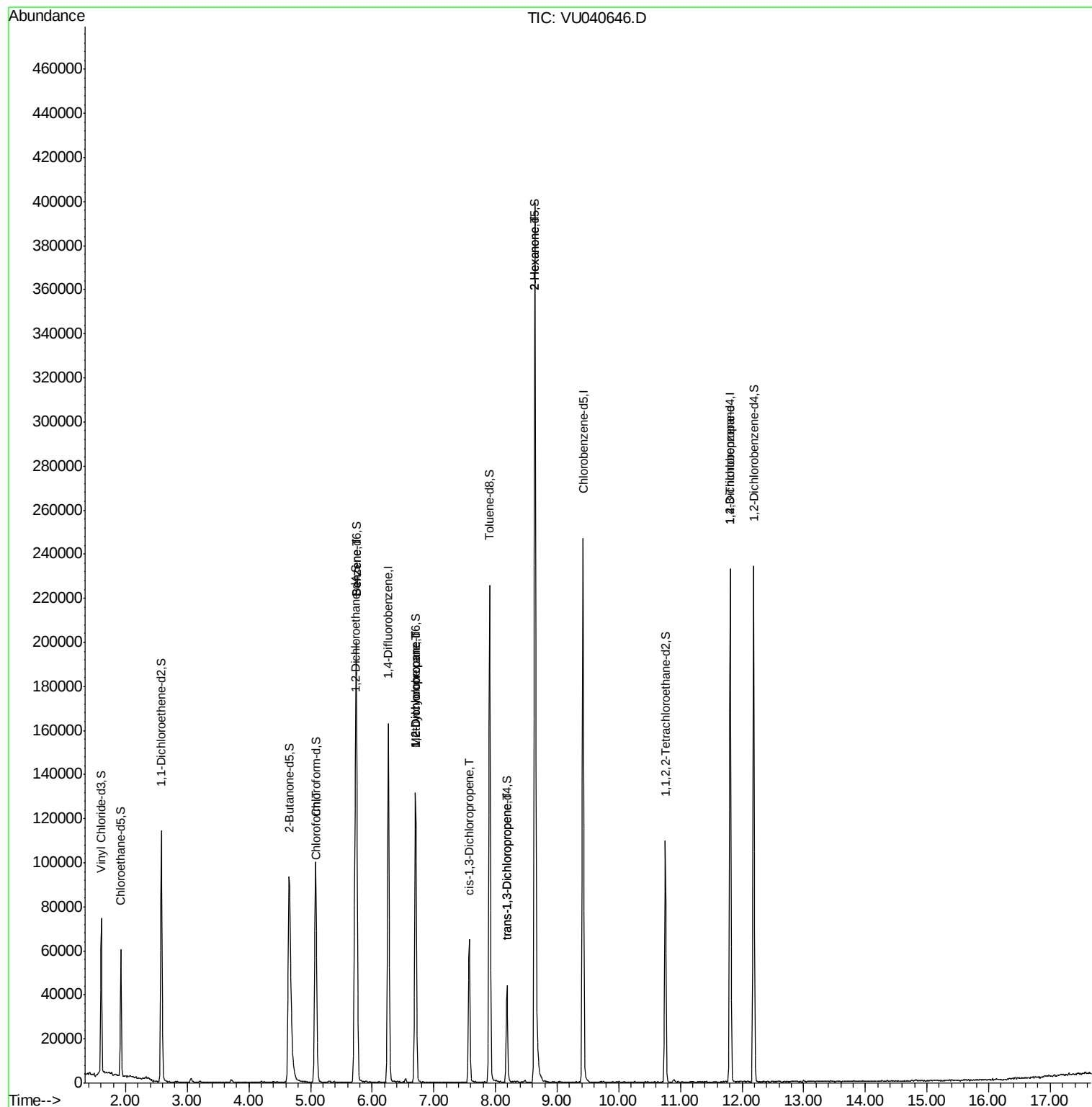
					Ovalue
25) Chloroform	5.10	83	3372	0.173 ug/L	81
33) Benzene	5.75	78	1373	0.033 ug/L	100
35) Methylcyclohexane	6.70	83	13703	0.904 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6512	0.567 ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1713	0.109 ug/L #	80
44) trans-1,3-Dichloropropene	8.18	75	1052	0.073 ug/L #	32
48) 2-Hexanone	8.64	43	18473	2.708 ug/L #	71
59) 1,2,3-Trichloropropane	11.81	75	7815	0.926 ug/L	91

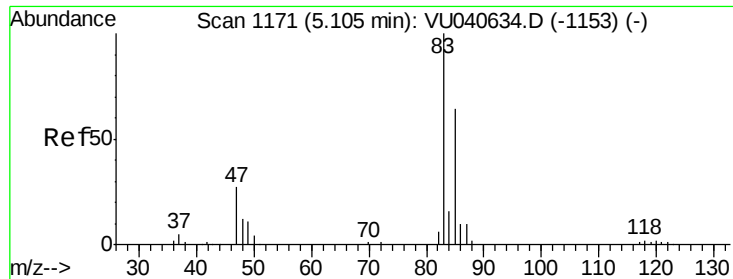
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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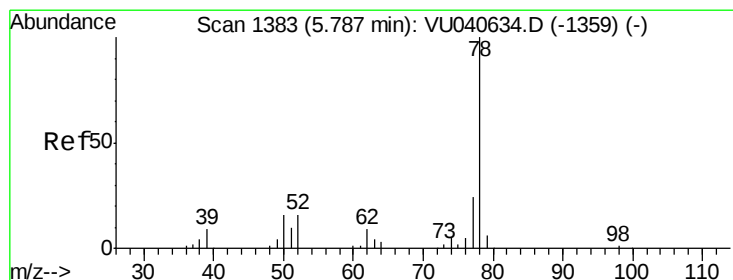
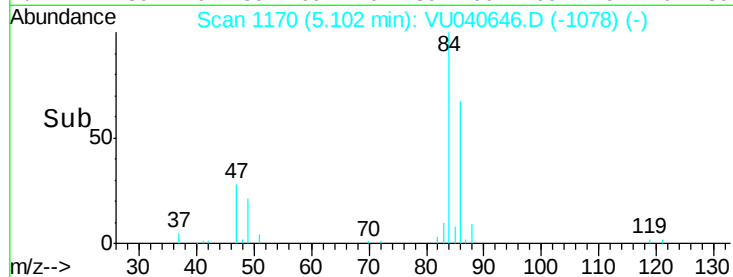
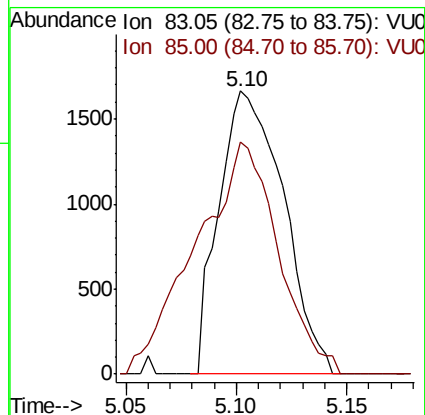
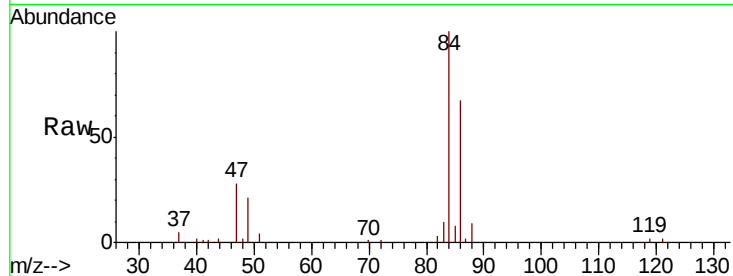




#25
Chloroform
Concen: 0.173 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU040646.D
Acq: 10 Oct 2020 19:47

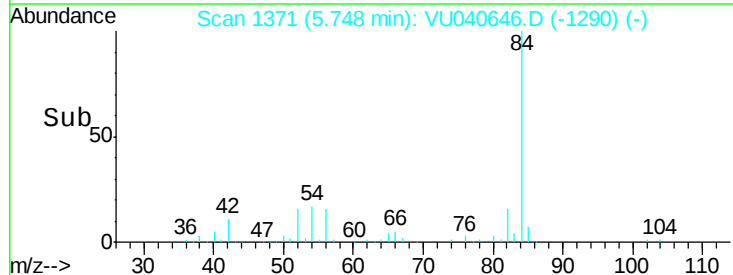
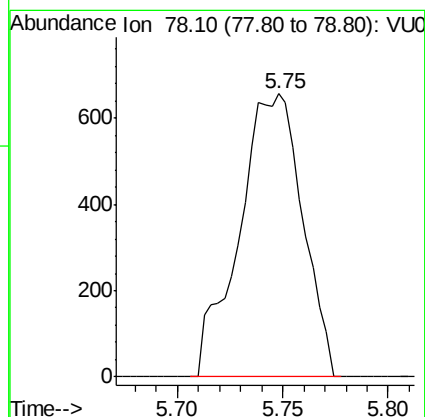
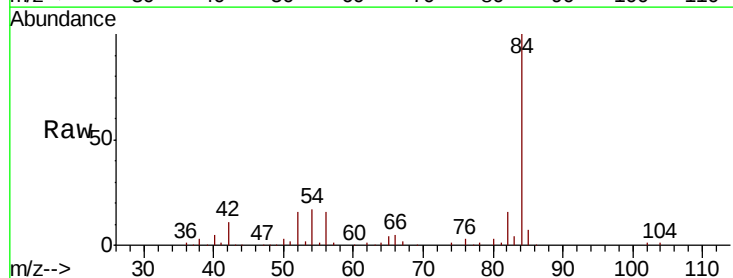
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

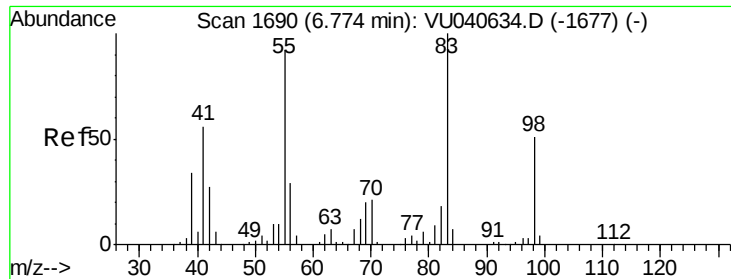
Tot Ion: 83 Resp: 3372
Ion Ratio Lower Upper
83 100
85 81.9 46.5 86.5



#33
Benzene
Concen: 0.033 ug/L
RT: 5.75 min Scan# 1371
Delta R.T. -0.04 min
Lab File: VU040646.D
Acq: 10 Oct 2020 19:47

Tgt Ion: 78 Resp: 1373

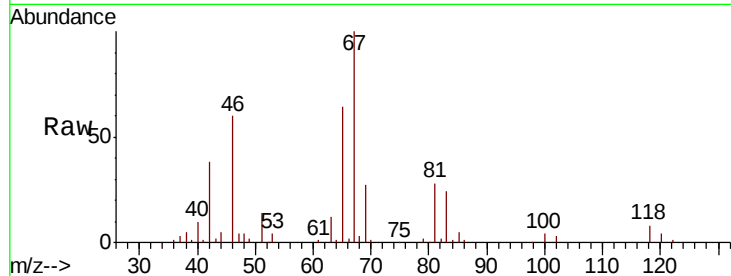




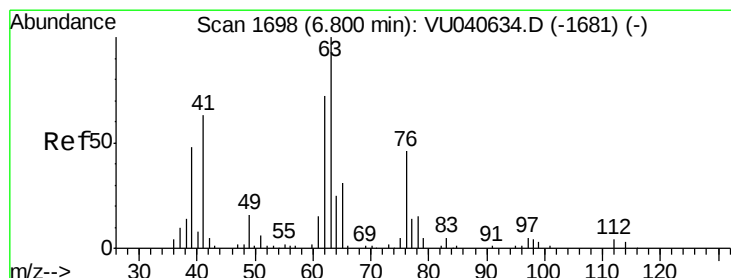
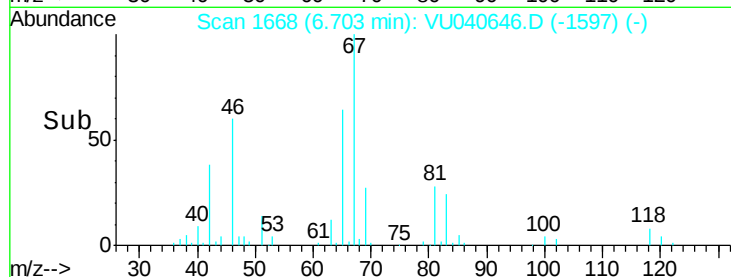
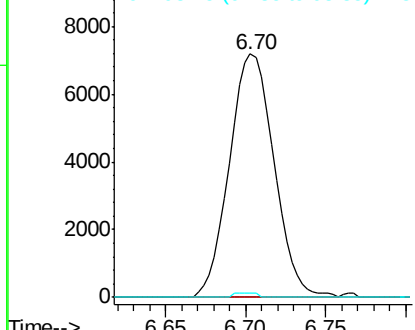
#35
Methvlcvclohexane
Concen: 0.904 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040646.D
Acq: 10 Oct 2020 19:47

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tot Ion: 83 Resp: 13703
Ion Ratio Lower Upper
83 100
55 0.0 70.7 106.1#
98 0.8 38.4 57.6#

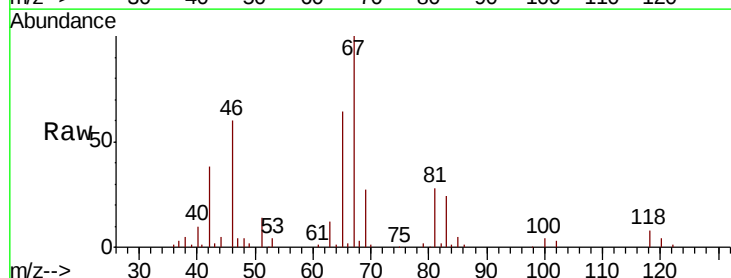


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

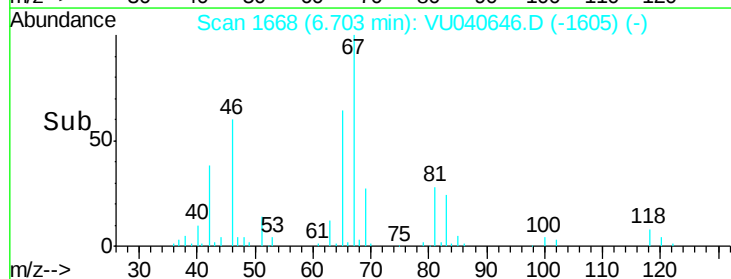
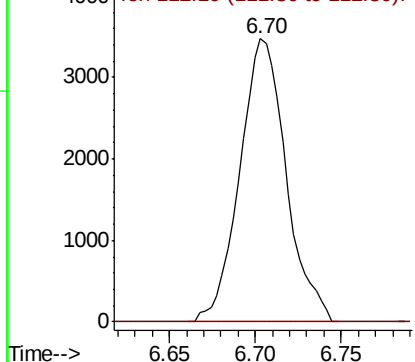


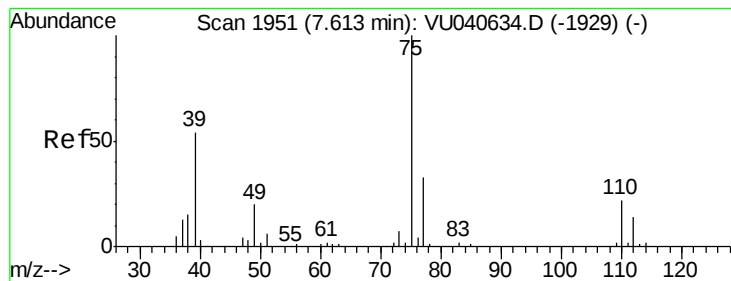
#37
1,2-Dichloropropane
Concen: 0.567 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040646.D
Acq: 10 Oct 2020 19:47

Tgt Ion: 63 Resp: 6512
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



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



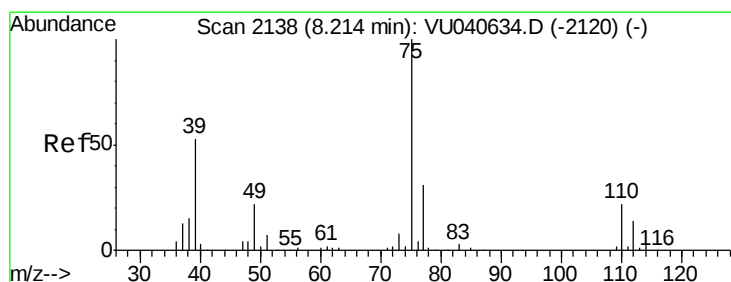
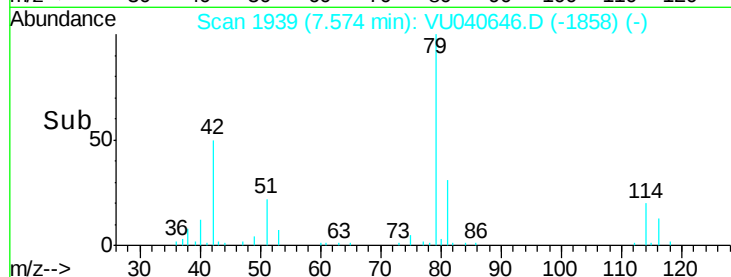
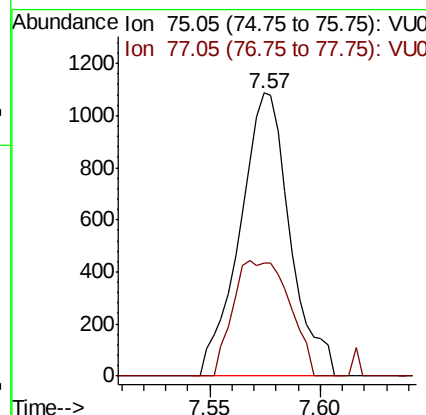
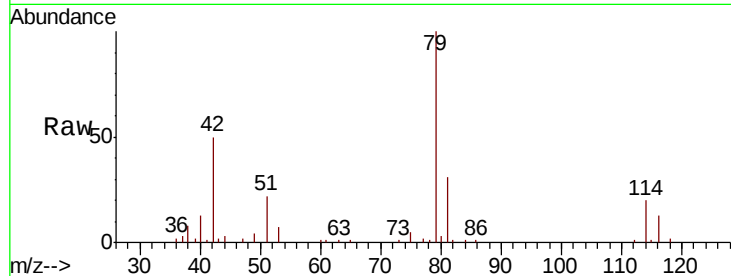


#39

cis-1,3-Dichloropropene
Concen: 0.109 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU040646.D
Acq: 10 Oct 2020 19:47

Instrument :
MSVOA_U
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VHBLK01

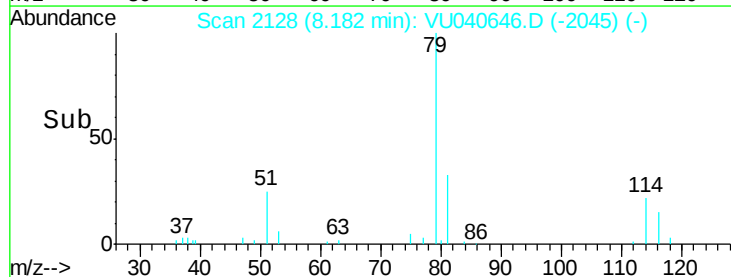
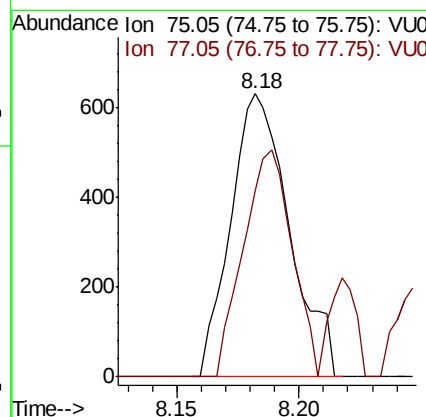
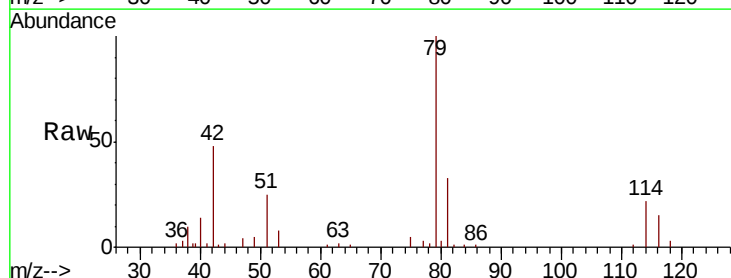
Tot Ion: 75 Resp: 1713
Ion Ratio Lower Upper
75 100
77 39.9 20.5 38.1#

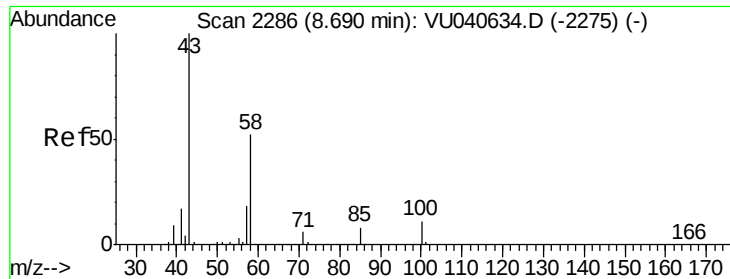


#44

trans-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU040646.D
Acq: 10 Oct 2020 19:47

Tgt Ion: 75 Resp: 1052
Ion Ratio Lower Upper
75 100
77 65.6 20.4 38.0#

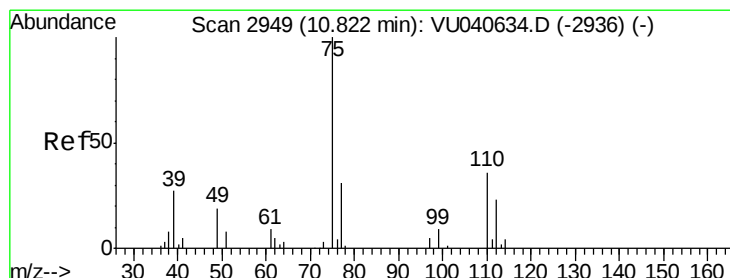
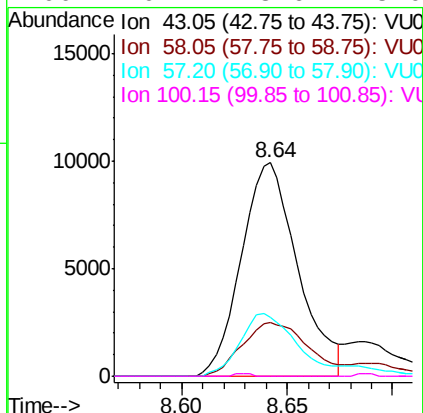
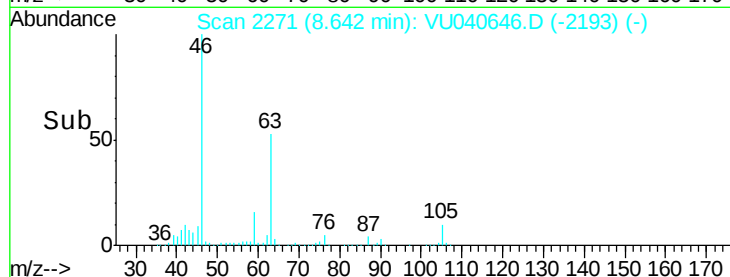
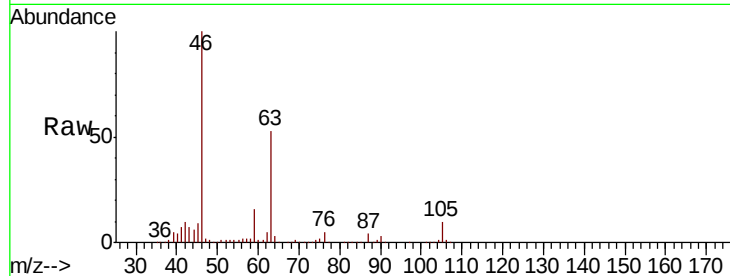




#48
 2-Hexanone
 Concen: 2.708 ug/L
 RT: 8.64 min Scan# 2271
 Delta R.T. -0.05 min
 Lab File: VU040646.D
 Acq: 10 Oct 2020 19:47

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 VHBLK01

Tot Ion: 43 Resp: 18473
 Ion Ratio Lower Upper
 43 100
 58 29.5 41.0 61.6#
 57 29.2 14.4 21.6#
 100 0.4 8.6 13.0#



#59
 1,2,3-Trichloropropane
 Concen: 0.926 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU040646.D
 Acq: 10 Oct 2020 19:47

Tgt Ion: 75 Resp: 7815
 Ion Ratio Lower Upper
 75 100
 77 37.9 26.4 39.6

