

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070920\
 Data File : VU039399.D
 Acq On : 09 Jul 2020 16:48
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK33

Quant Time: Jul 10 00:22:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 10 00:19:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	101547	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	94148	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46100	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	26330	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.93	69	28124	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.58	63	41920	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	4.66	46	159583	59.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.52%
24) Chloroform-d	5.08	84	63672	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.72	65	43742	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
32) Benzene-d6	5.75	84	125834	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.00%
36) 1,2-Dichloropropane-d6	6.71	67	43102	5.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.20%
41) Toluene-d8	7.91	98	107334	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.20%
43) trans-1,3-Dichloropropene-	8.19	79	17526	4.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.60%
46) 2-Hexanone-d5	8.64	63	112760	54.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.12%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	41213	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	44467	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

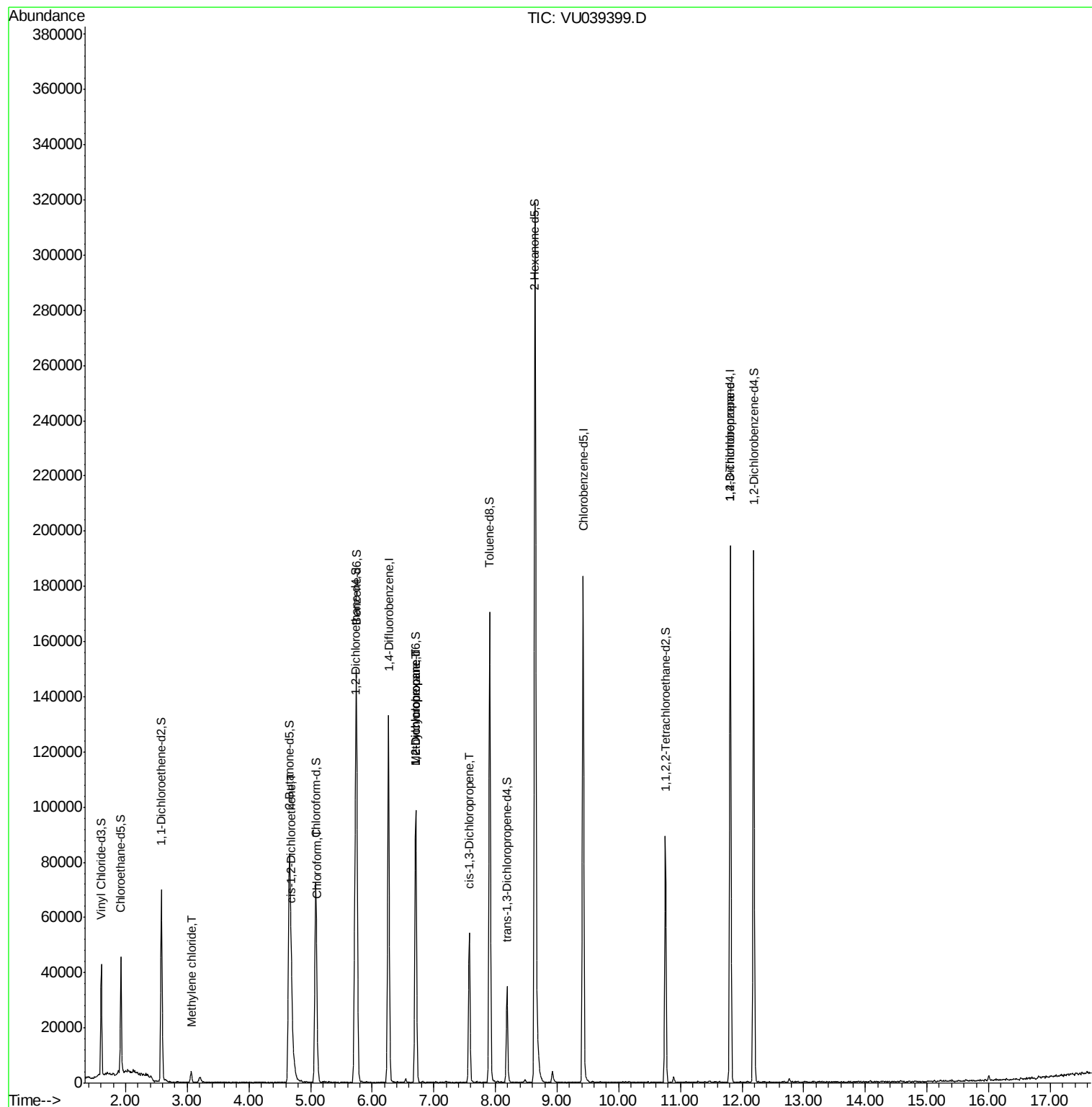
					Ovalue
16) Methylene chloride	3.06	84	1601	0.211 ug/L	91
22) cis-1,2-Dichloroethene	4.70	96	1274	0.170 ug/L	92
25) Chloroform	5.11	83	5200	0.394 ug/L	97
35) Methylcyclohexane	6.71	83	9627	0.826 ug/L #	18
37) 1,2-Dichloropropane	6.71	63	5156	0.672 ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1305	0.113 ug/L #	59
59) 1,2,3-Trichloropropane	11.81	75	6778	1.199 ug/L #	84

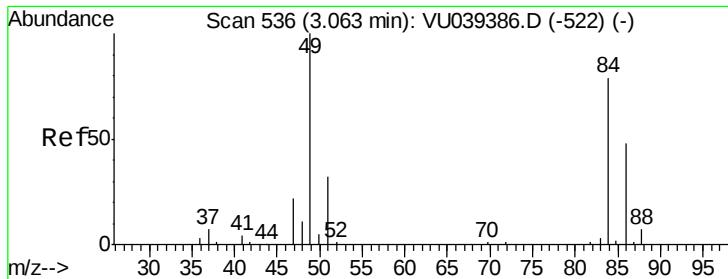
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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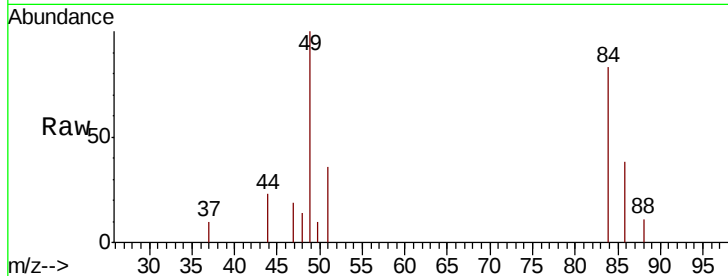




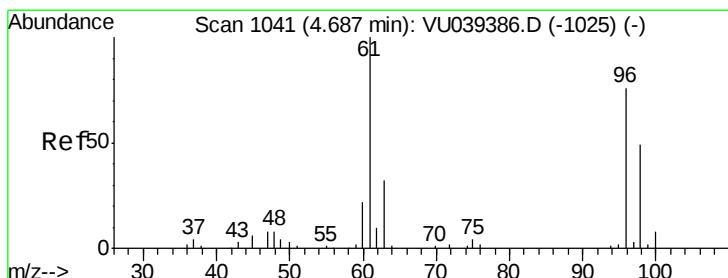
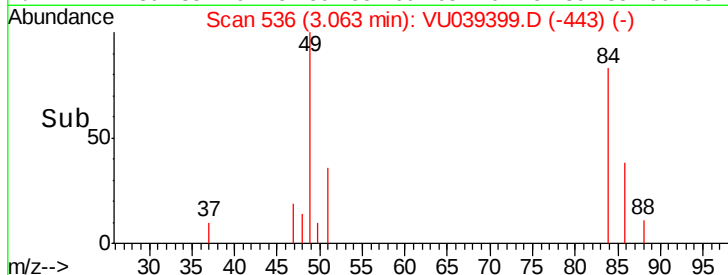
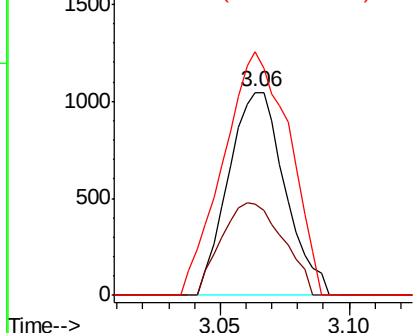
#16
Methvlene chloride
Concen: 0.211 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU039399.D
Acq: 09 Jul 2020 16:48

Instrument :
MSVOA_U
ClientSampleId :
VIBLK33

Tot Ion: 84 Resp: 1601
Ion Ratio Lower Upper
84 100
86 45.0 43.5 80.9
49 132.4 91.1 169.1

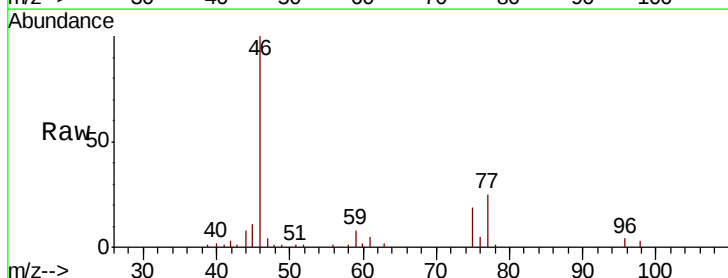


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

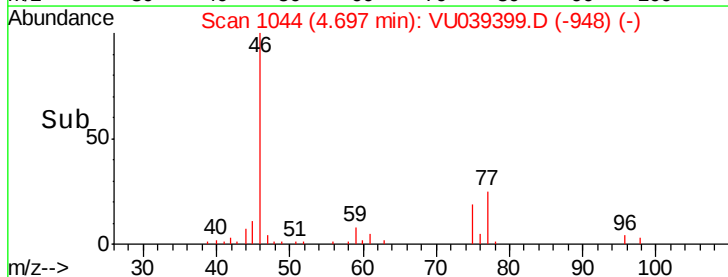
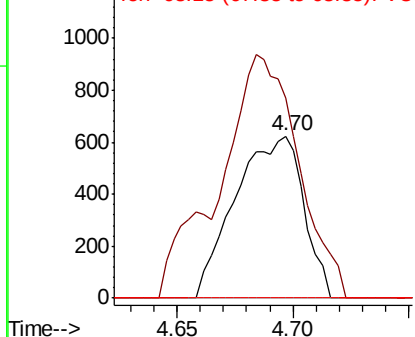


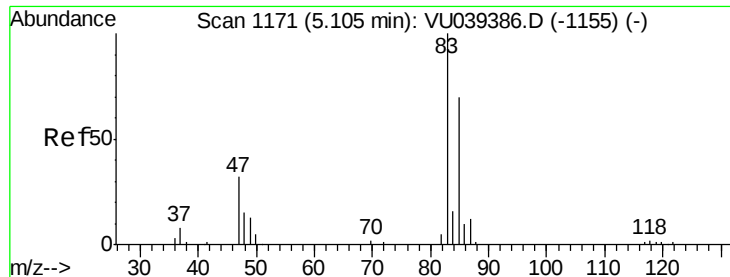
#22
cis-1,2-Dichloroethene
Concen: 0.170 ug/L
RT: 4.70 min Scan# 1044
Delta R.T. 0.01 min
Lab File: VU039399.D
Acq: 09 Jul 2020 16:48

Tgt Ion: 96 Resp: 1274
Ion Ratio Lower Upper
96 100
61 123.7 92.8 172.4
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

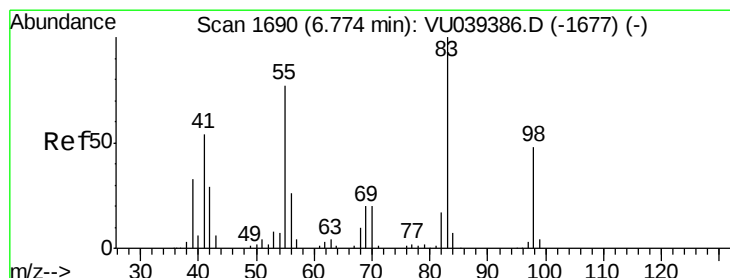
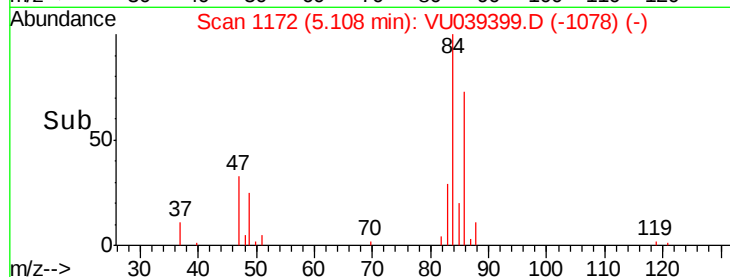
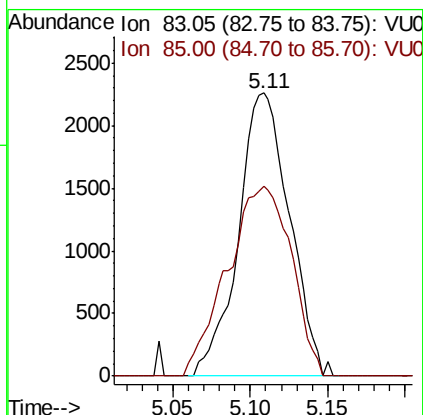
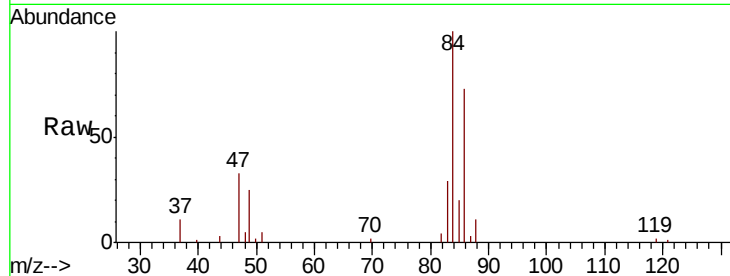




#25
Chloroform
Concen: 0.394 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039399.D
Acq: 09 Jul 2020 16:48

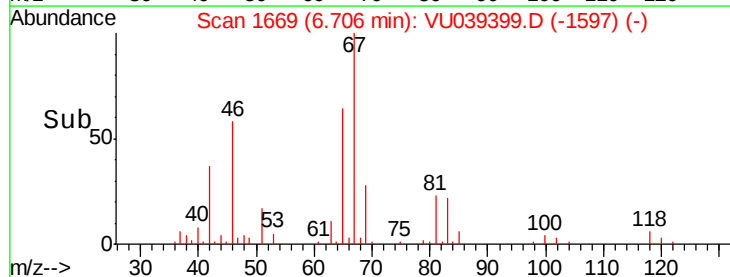
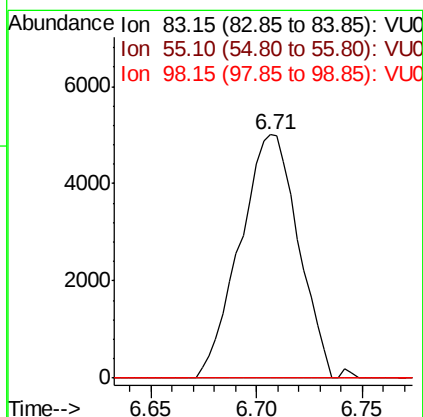
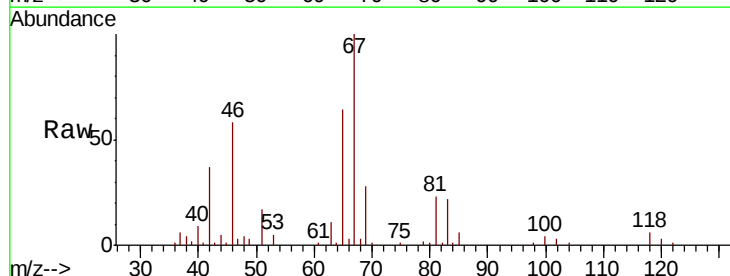
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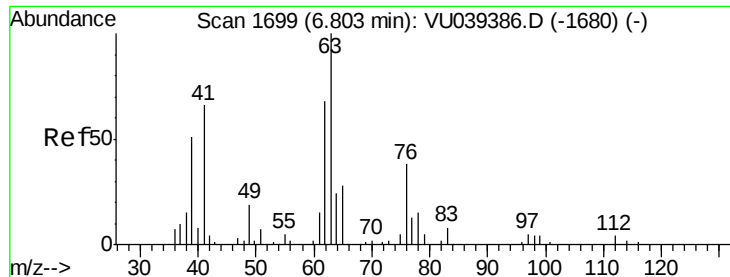
Tot Ion: 83 Resp: 5200
Ion Ratio Lower Upper
83 100
85 66.9 44.9 83.5



#35
Methylcyclohexane
Concen: 0.826 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039399.D
Acq: 09 Jul 2020 16:48

Tgt Ion: 83 Resp: 9627
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.3 35.9 53.9#

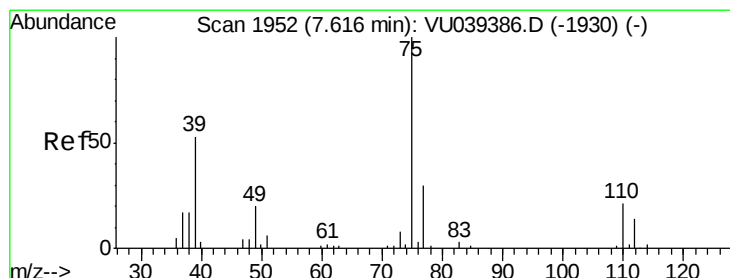
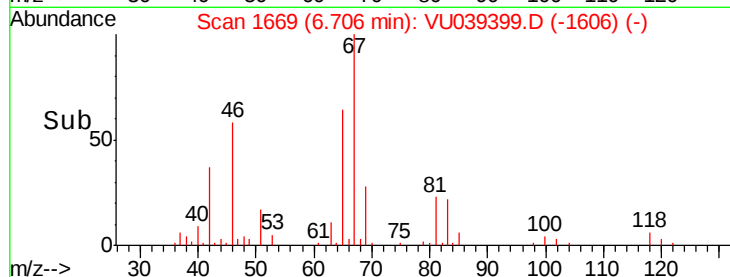
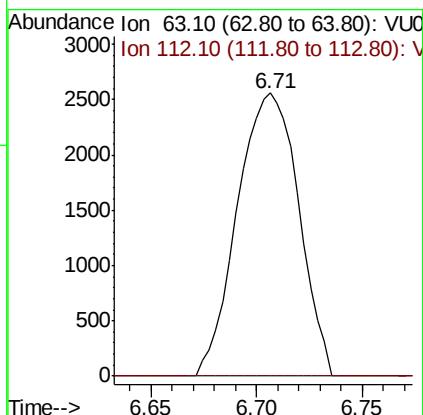
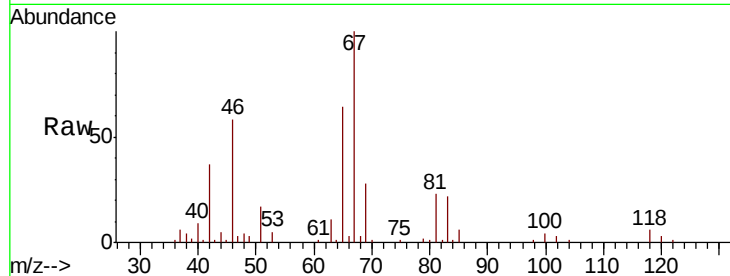




#37
 1,2-Dichloropropane
 Concen: 0.672 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU039399.D
 Acq: 09 Jul 2020 16:48

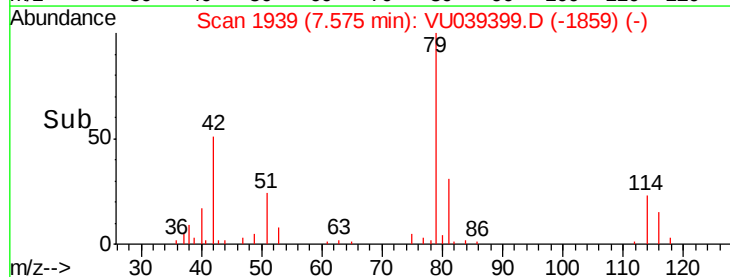
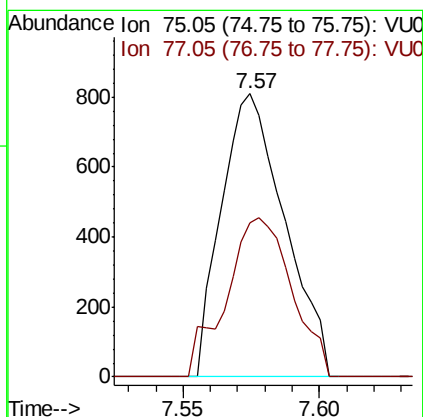
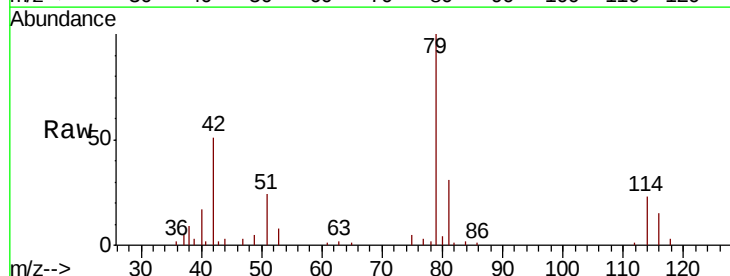
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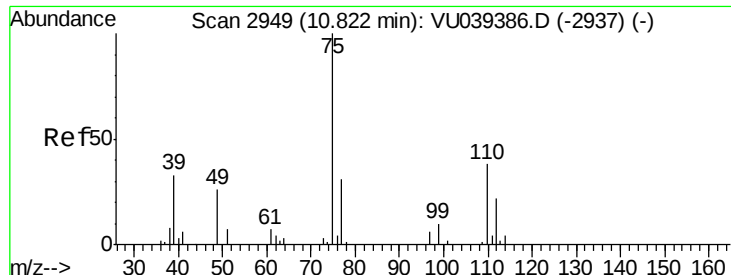
Tot Ion: 63 Resp: 5156
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.5 3.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.113 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039399.D
 Acq: 09 Jul 2020 16:48

Tgt Ion: 75 Resp: 1305
 Ion Ratio Lower Upper
 75 100
 77 54.5 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 1.199 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039399.D

Acq: 09 Jul 2020 16:48

Instrument :

MSVOA_U

ClientSampleId :

VIBLK33

Tot Ion: 75 Resp: 6778

Ion Ratio Lower Upper

75 100

77 42.4 26.8 40.2#

