

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070720\
 Data File : VU039336.D
 Acq On : 07 Jul 2020 23:47
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

Quant Time: Jul 08 01:48:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 08 01:44:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	117763	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	106232	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50577	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	33112	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.93	69	32312	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.58	63	44920	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.66	46	164327	52.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.24%
24) Chloroform-d	5.09	84	69178	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.72	65	44217	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.75	84	130919	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.71	67	47402	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.91	98	107351	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	8.19	79	18714	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.64	63	117173	49.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.56%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	42926	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	44545	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

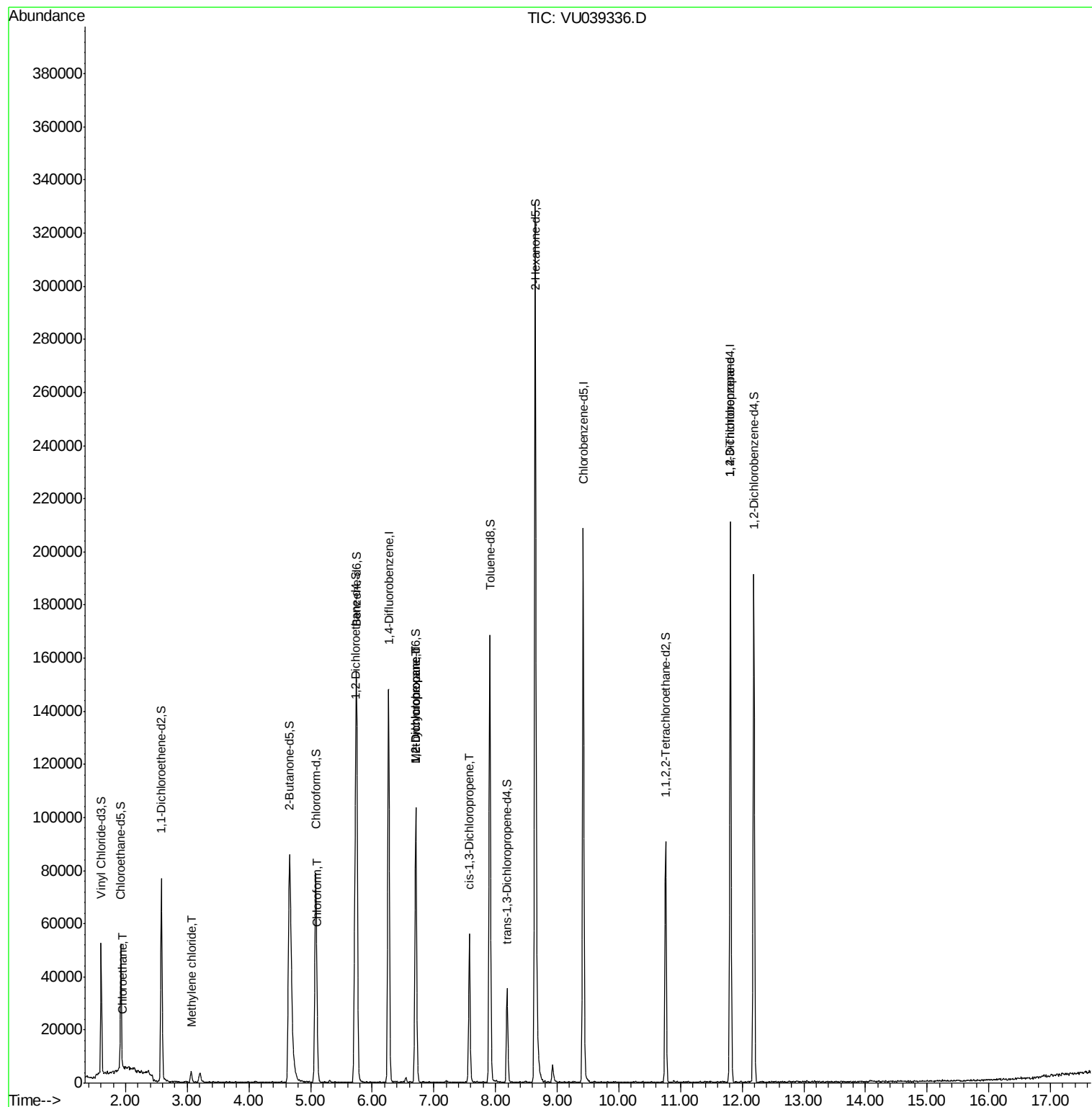
					Ovalue
8) Chloroethane	1.95	64	626	0.090 ug/L #	58
16) Methylene chloride	3.06	84	1681	0.191 ug/L	97
25) Chloroform	5.11	83	3364	0.220 ug/L	97
35) Methylcyclohexane	6.70	83	10669	0.811 ug/L #	19
37) 1,2-Dichloropropane	6.71	63	5494	0.635 ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1632	0.125 ug/L #	79
59) 1,2,3-Trichloropropane	11.81	75	7801	1.223 ug/L	93

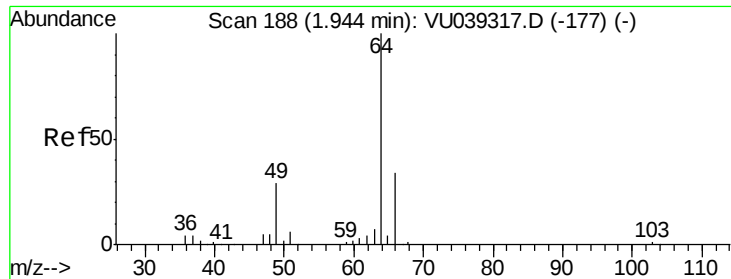
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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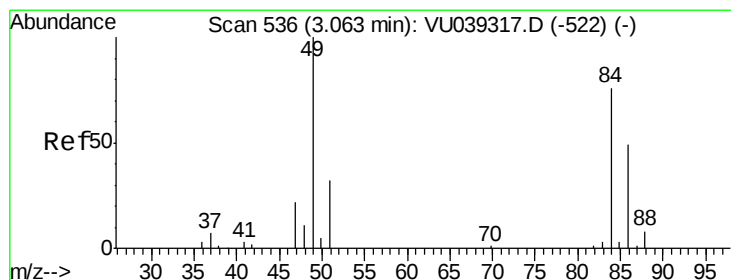
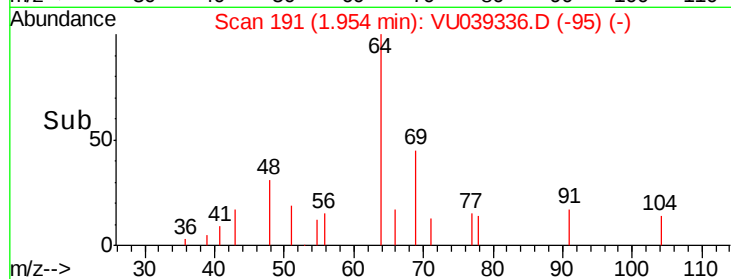
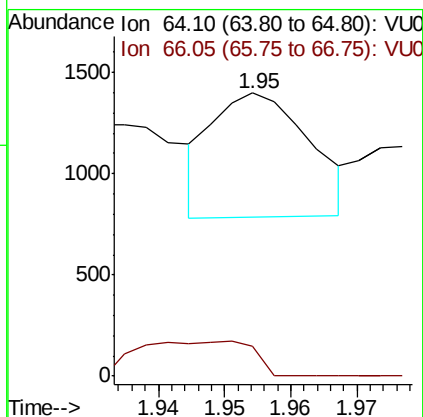
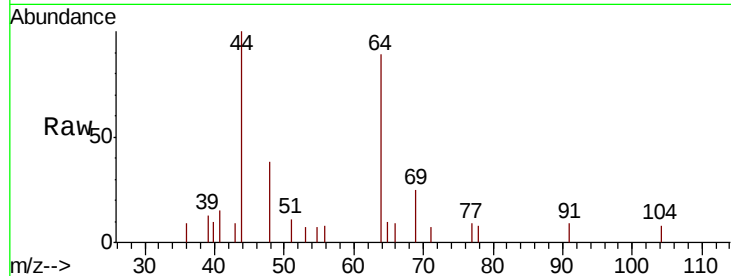




#8
Chloroethane
Concen: 0.090 ug/L
RT: 1.95 min Scan# 191
Delta R.T. 0.01 min
Lab File: VU039336.D
Acq: 07 Jul 2020 23:47

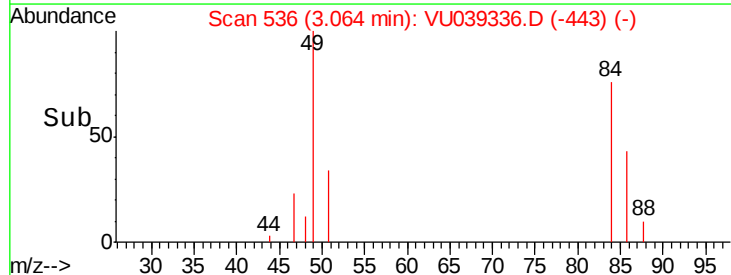
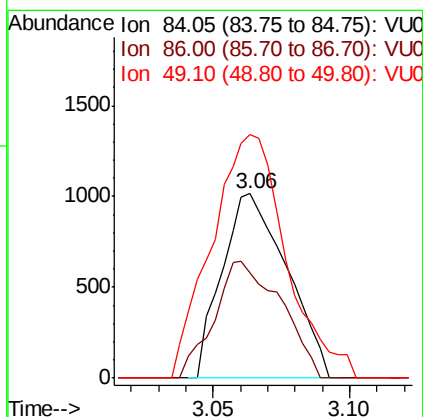
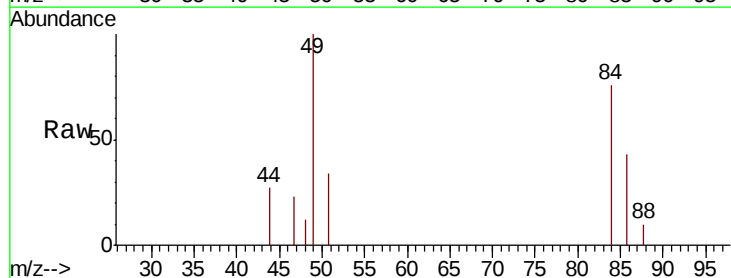
Instrument :
MSVOA_U
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VIBLK

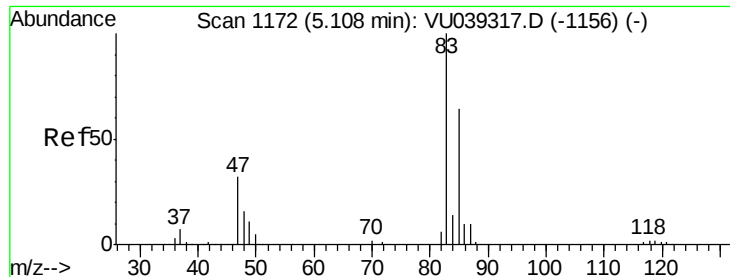
Tot Ion: 64 Resp: 626
Ion Ratio Lower Upper
64 100
66 9.4 23.5 43.7#



#16
Methylene chloride
Concen: 0.191 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU039336.D
Acq: 07 Jul 2020 23:47

Tgt Ion: 84 Resp: 1681
Ion Ratio Lower Upper
84 100
86 56.8 43.5 80.9
49 131.9 91.1 169.1

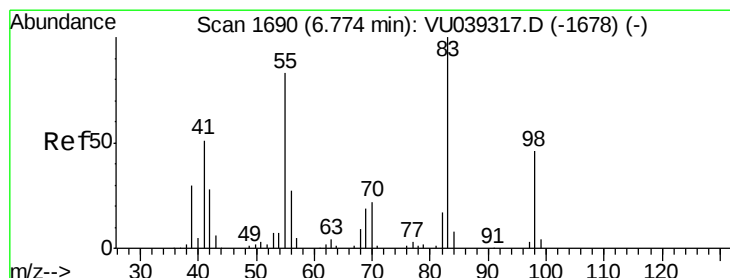
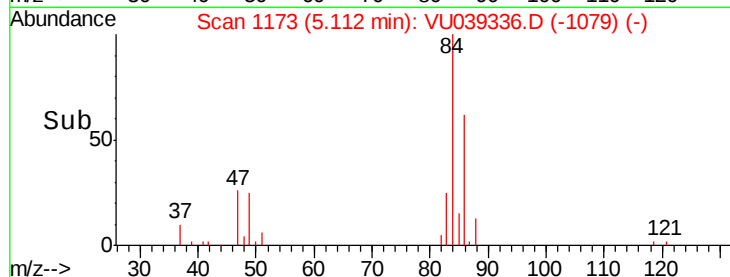
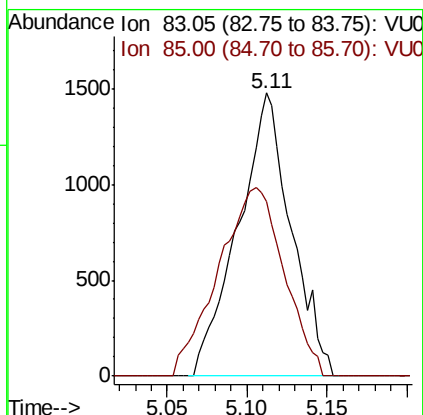
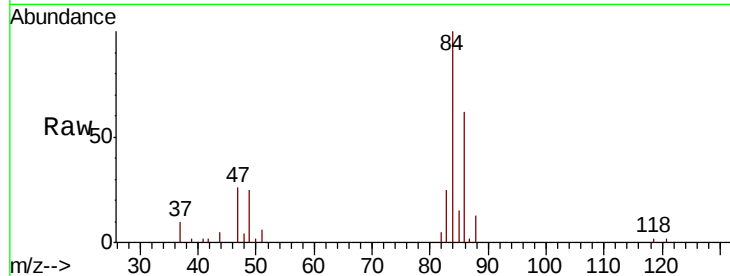




#25
Chloroform
Concen: 0.220 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VU039336.D
Acq: 07 Jul 2020 23:47

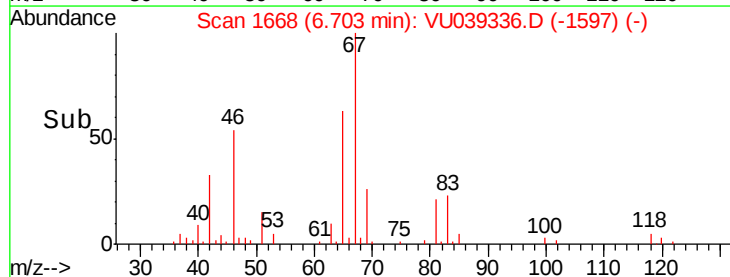
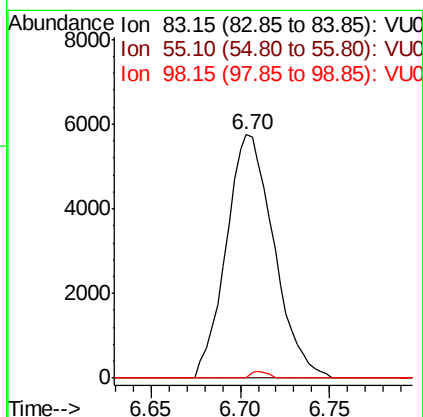
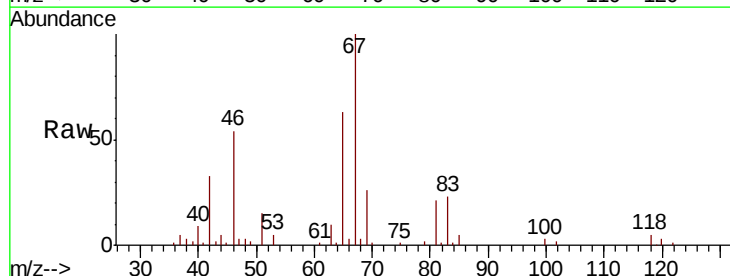
Instrument :
MSVOA_U
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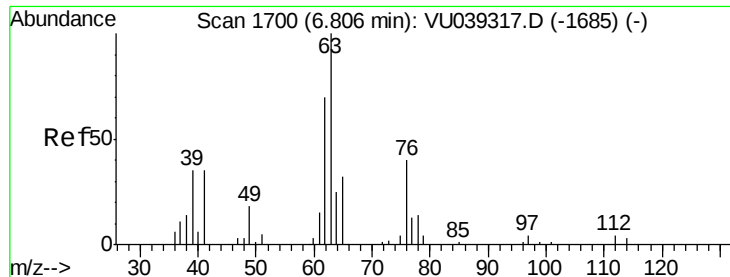
Tot Ion: 83 Resp: 3364
Ion Ratio Lower Upper
83 100
85 61.7 44.9 83.5



#35
Methylcyclohexane
Concen: 0.811 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039336.D
Acq: 07 Jul 2020 23:47

Tgt Ion: 83 Resp: 10669
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 1.0 35.9 53.9#

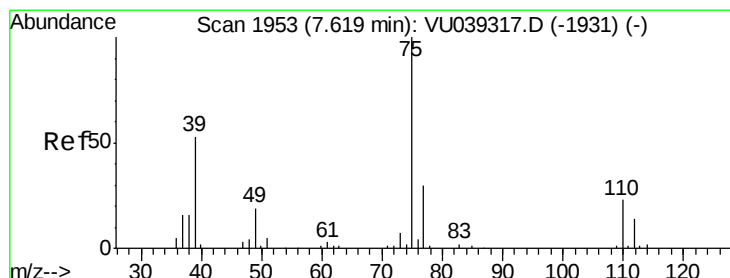
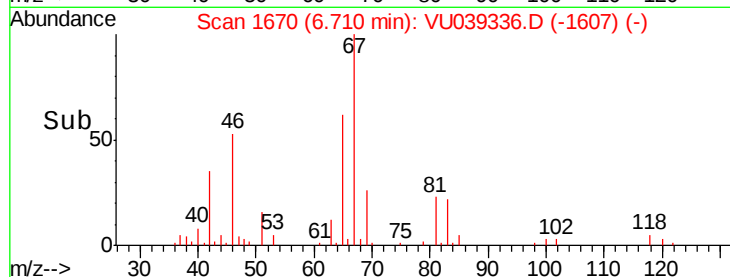
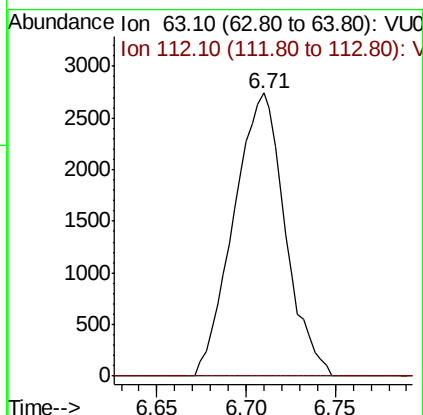
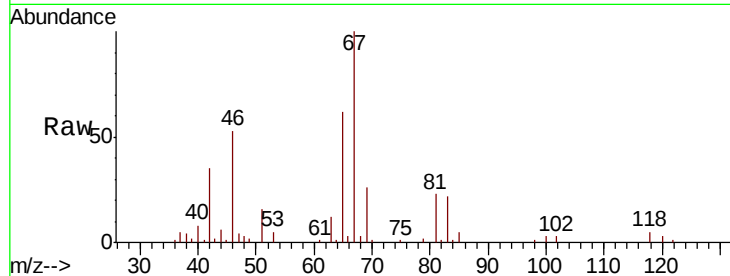




#37
 1,2-Dichloropropane
 Concen: 0.635 ug/L
 RT: 6.71 min Scan# 1670
 Delta R.T. -0.10 min
 Lab File: VU039336.D
 Acq: 07 Jul 2020 23:47

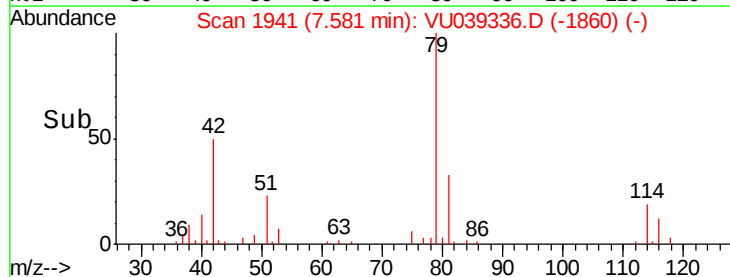
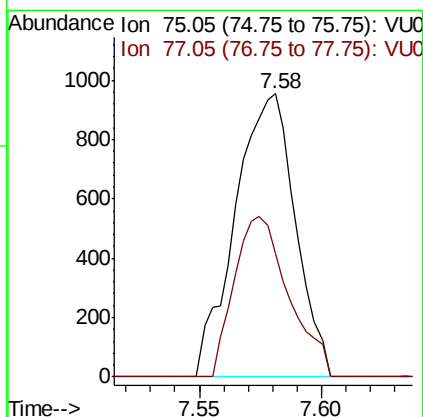
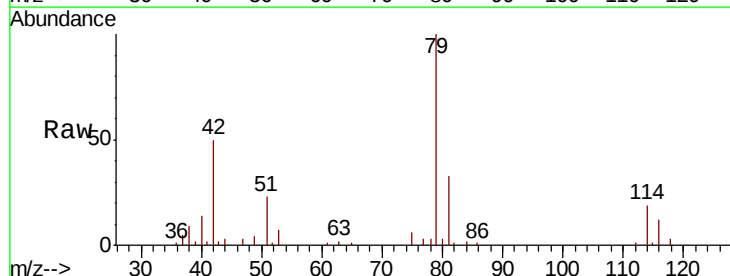
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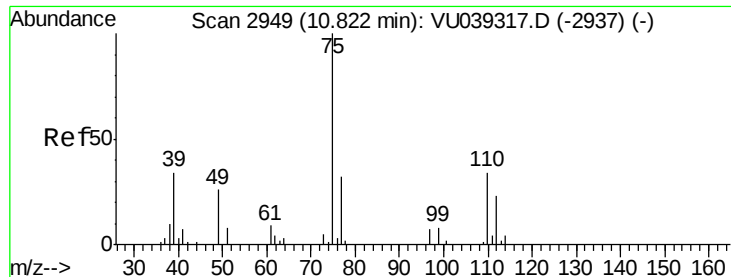
Tot Ion: 63 Resp: 5494
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.5 3.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.125 ug/L
 RT: 7.58 min Scan# 1941
 Delta R.T. -0.04 min
 Lab File: VU039336.D
 Acq: 07 Jul 2020 23:47

Tgt Ion: 75 Resp: 1632
 Ion Ratio Lower Upper
 75 100
 77 43.5 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 1.223 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039336.D

Acq: 07 Jul 2020 23:47

Instrument :

MSVOA_U

ClientSampleId :

VIBLK

Tot Ion: 75 Resp: 7801

Ion Ratio Lower Upper

75 100

77 37.7 26.8 40.2

