

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U062220\
 Data File : VU039025.D
 Acq On : 22 Jun 2020 23:33
 Operator : SY/MD
 Sample : L3073-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9L00

Quant Time: Jun 23 01:30:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 23 01:25:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	248600	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	257108	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	111541	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	111206	5.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.00%
7) Chloroethane-d5	1.93	69	86366	5.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.20%
11) 1,1-Dichloroethene-d2	2.58	63	170706	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.00%
20) 2-Butanone-d5	4.69	46	375861	56.53	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.06%
24) Chloroform-d	5.10	84	178858	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.74	65	125396	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.80%
32) Benzene-d6	5.76	84	414400	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
36) 1,2-Dichloropropane-d6	6.72	67	137598	5.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.20%
41) Toluene-d8	7.92	98	331157	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
43) trans-1,3-Dichloropropene-	8.20	79	53436	4.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.40%
46) 2-Hexanone-d5	8.66	63	280688	53.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.24%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	116099	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	130594	6.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.40%#

Target Compounds

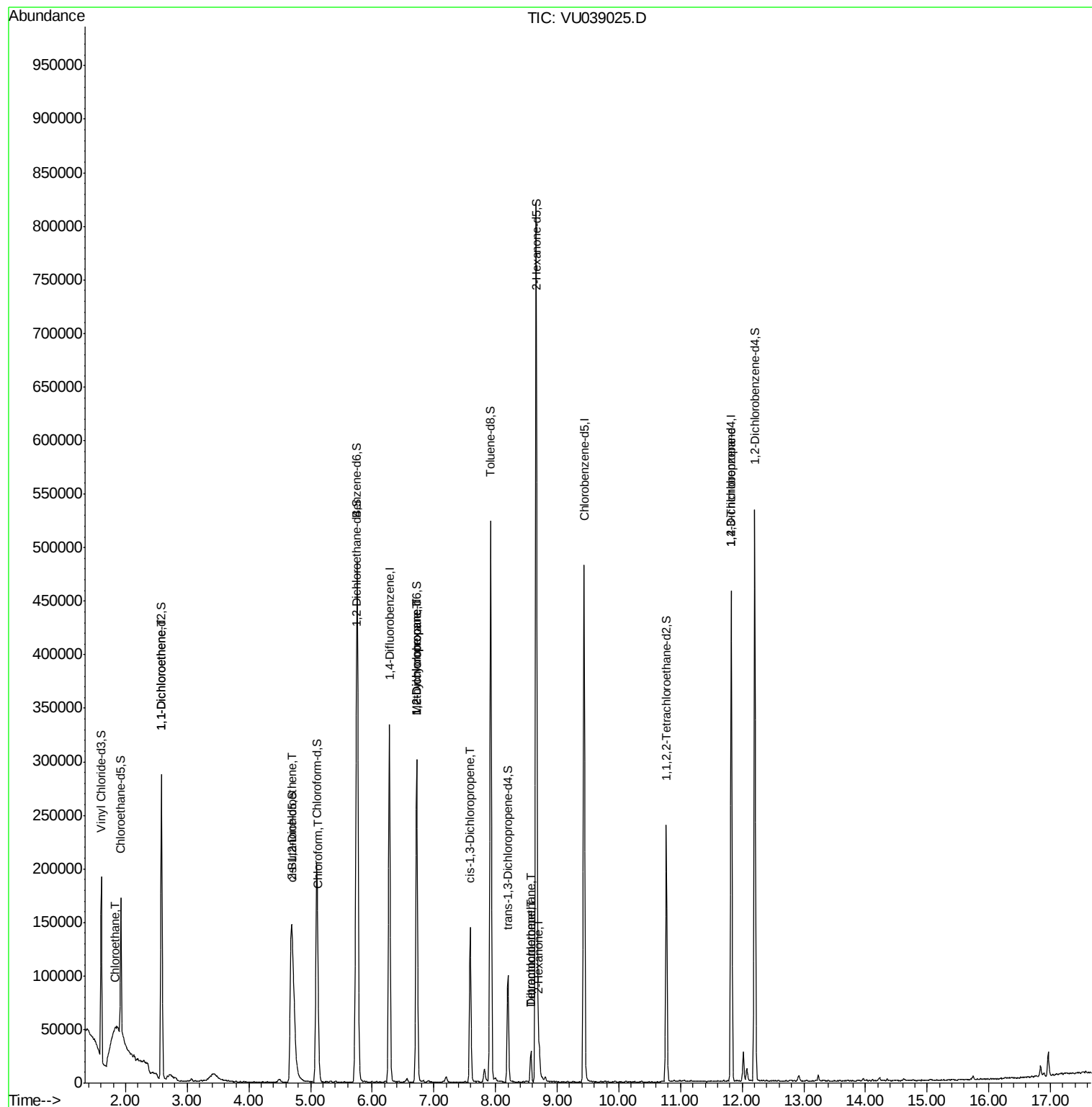
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.84	64	145371	10.408	ug/L #	57
12) 1,1-Dichloroethene	2.58	96	1093	0.061	ug/L #	1
22) cis-1,2-Dichloroethene	4.71	96	6038	0.294	ug/L	95
25) Chloroform	5.12	83	33899	0.861	ug/L	99
35) Methylcyclohexane	6.72	83	32357	1.031	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	14925	0.669	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3618	0.113	ug/L #	58
47) Tetrachloroethene	8.57	164	6028	0.413	ug/L	90
48) 2-Hexanone	8.71	43	11625	0.941	ug/L #	95
49) Dibromochloromethane	8.57	129	6245	0.344	ug/L #	10
59) 1,2,3-Trichloropropane	11.82	75	15716	0.956	ug/L #	88

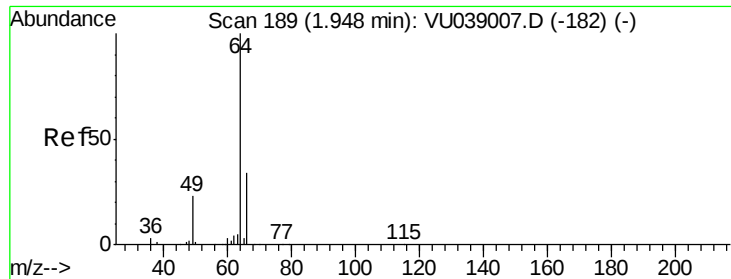
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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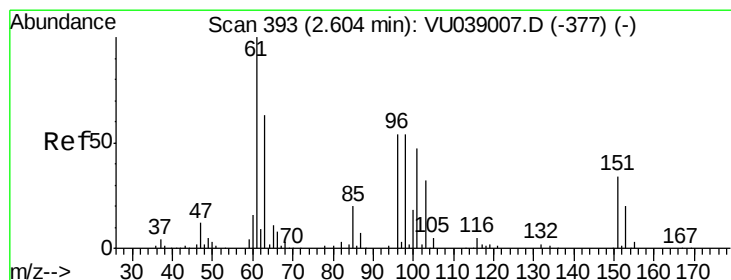
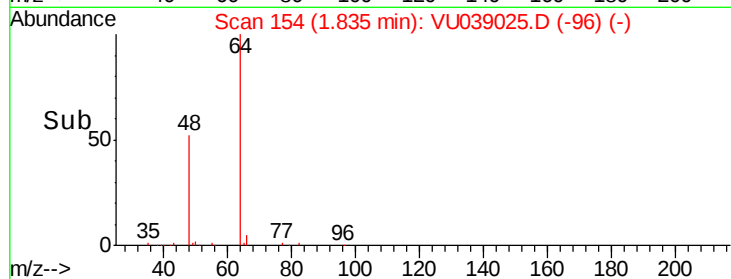
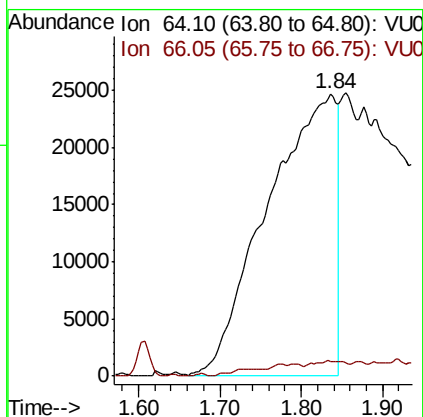
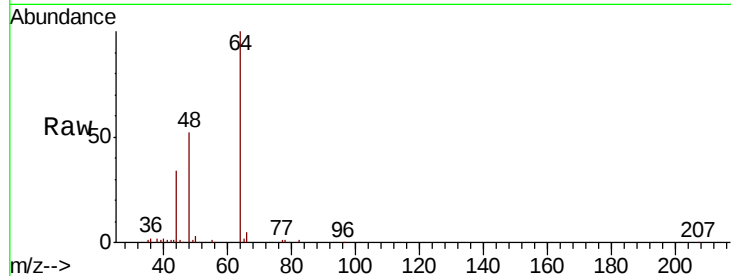




#8
Chloroethane
Concen: 10.408 ug/L
RT: 1.84 min Scan# 154
Delta R.T. -0.11 min
Lab File: VU039025.D
Acq: 22 Jun 2020 23:33

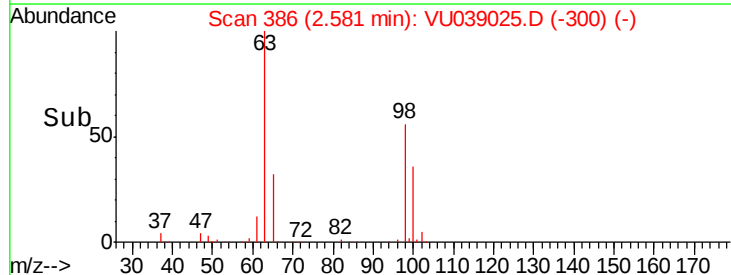
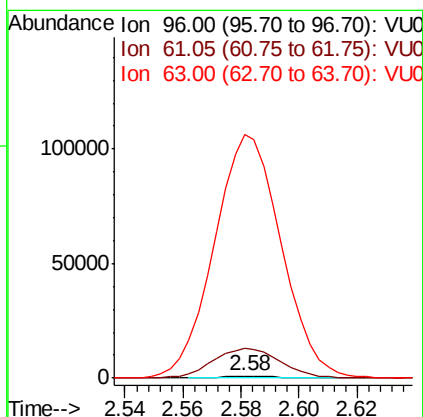
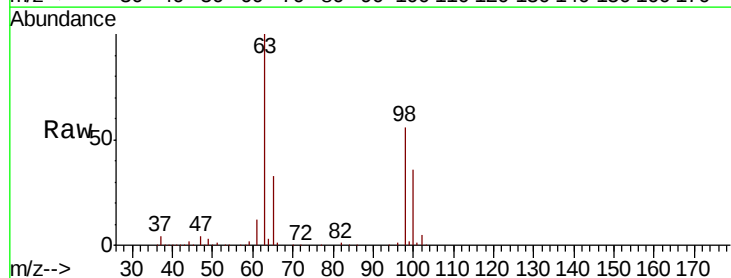
Instrument :
MSVOA_U
ClientSampled :
F9L00

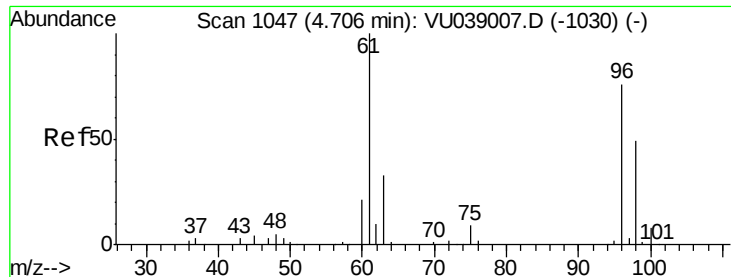
Tot Ion: 64 Resp: 145371
Ion Ratio Lower Upper
64 100
66 5.3 19.4 36.0#



#12
1,1-Dichloroethene
Concen: 0.061 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.02 min
Lab File: VU039025.D
Acq: 22 Jun 2020 23:33

Tgt Ion: 96 Resp: 1093
Ion Ratio Lower Upper
96 100
61 1749.9 128.7 239.1#
63 14419.5 101.5 188.5#





#22

cis-1,2-Dichloroethene

Concen: 0.294 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU039025.D

Acq: 22 Jun 2020 23:33

Instrument :

MSVOA_U

ClientSampleId :

F9L00

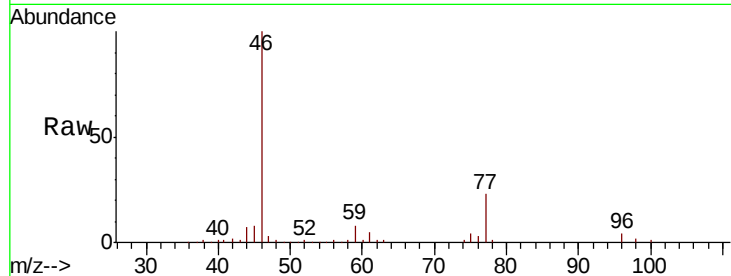
Tot Ion: 96 Resp: 6038

Ion Ratio Lower Upper

96 100

61 125.0 92.0 170.8

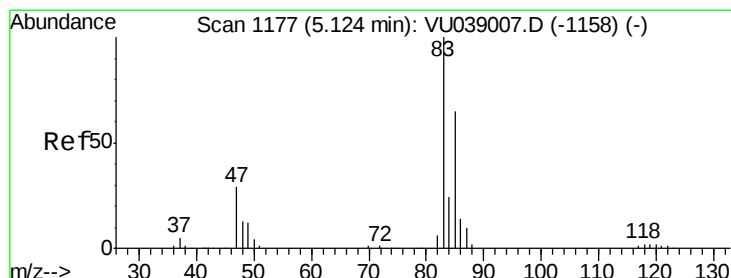
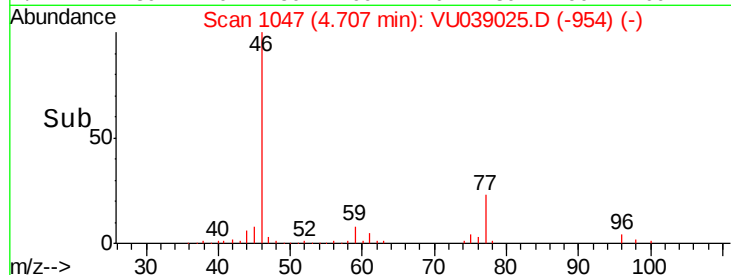
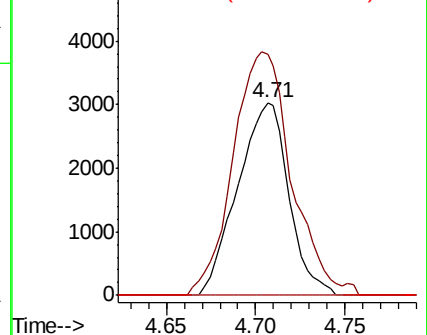
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039025.D (-954) (-)

Ion 61.05 (60.75 to 61.75): VU039025.D (-954) (-)

Ion 68.15 (67.85 to 68.85): VU039025.D (-954) (-)



#25

Chloroform

Concen: 0.861 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VU039025.D

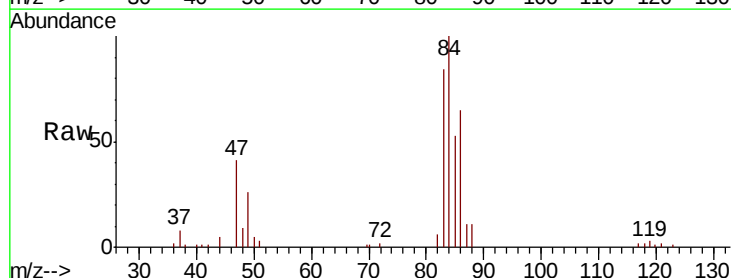
Acq: 22 Jun 2020 23:33

Tgt Ion: 83 Resp: 33899

Ion Ratio Lower Upper

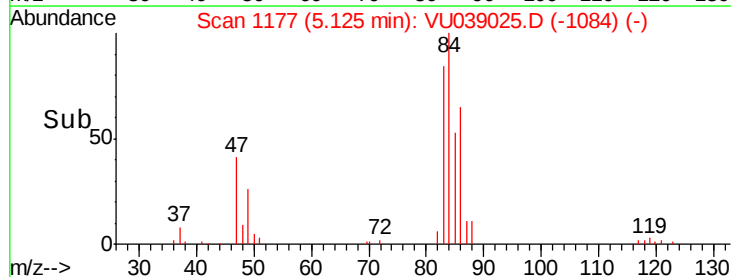
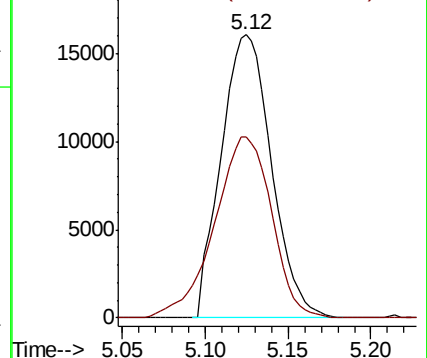
83 100

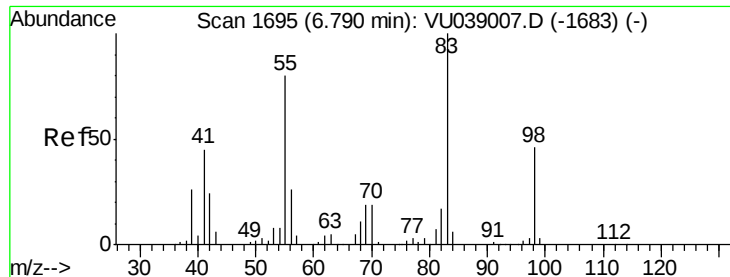
85 63.7 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU039025.D (-1084) (-)

Ion 85.00 (84.70 to 85.70): VU039025.D (-1084) (-)

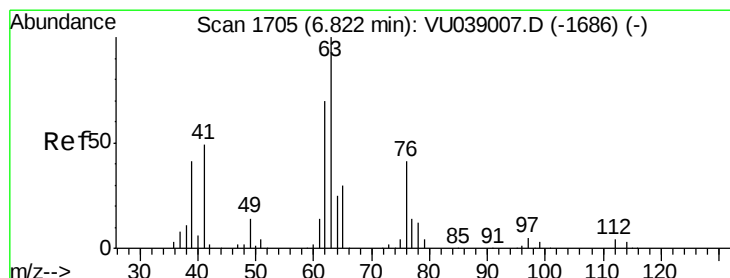
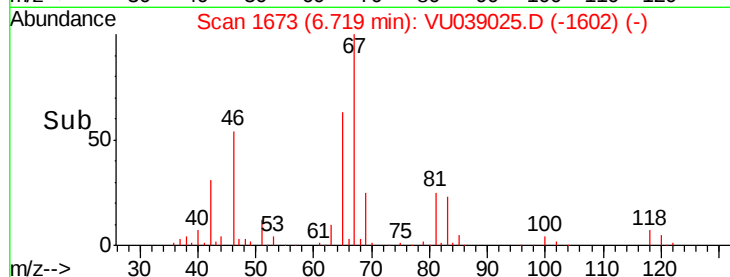
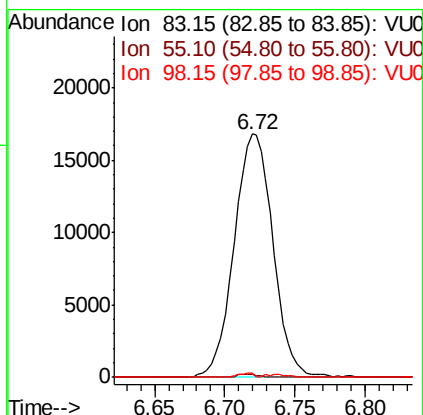
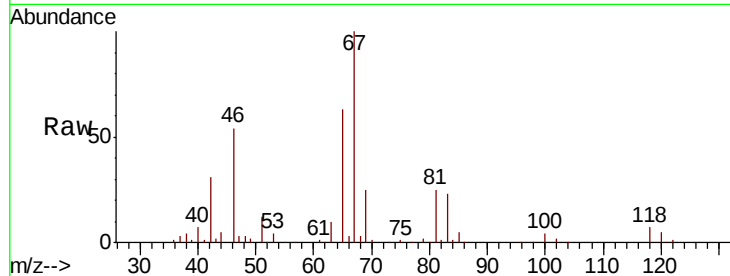




#35
Methvlcvclohexane
Concen: 1.031 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039025.D
Acq: 22 Jun 2020 23:33

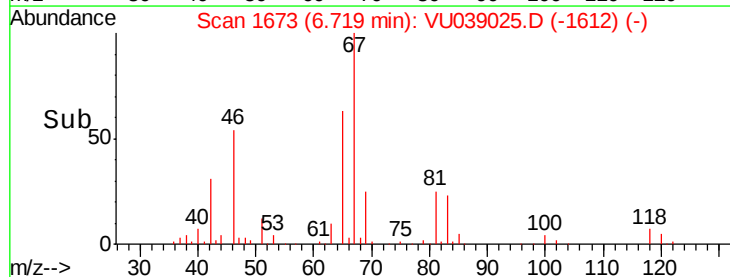
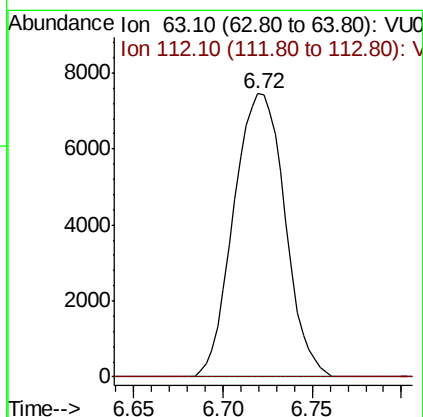
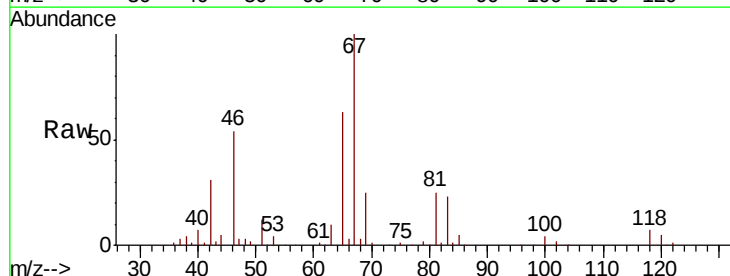
Instrument :
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ClientSampleId :
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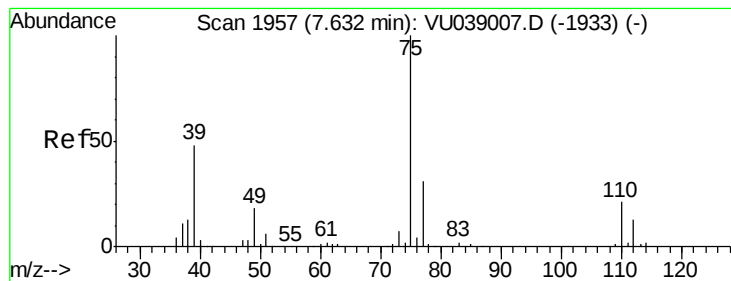
Tot Ion: 83 Resp: 32357
Ion Ratio Lower Upper
83 100
55 0.6 65.1 97.7#
98 0.7 37.0 55.4#



#37
1,2-Dichloropropane
Concen: 0.669 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU039025.D
Acq: 22 Jun 2020 23:33

Tgt Ion: 63 Resp: 14925
Ion Ratio Lower Upper
63 100
112 0.3 3.4 5.2#



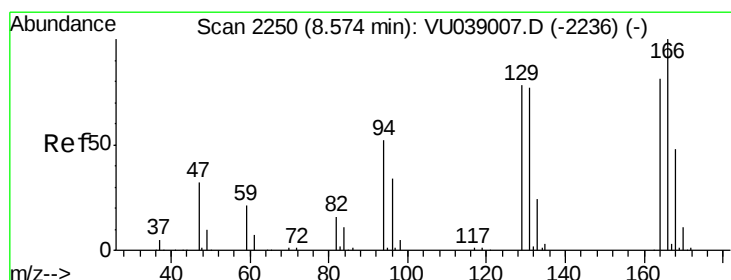
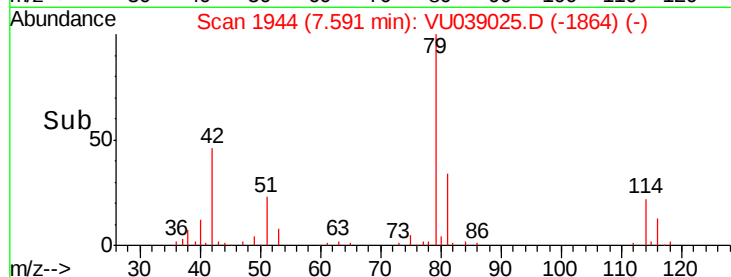
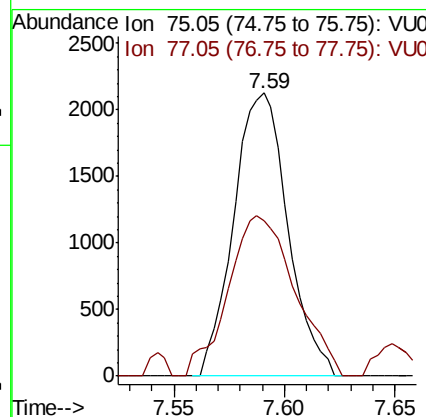
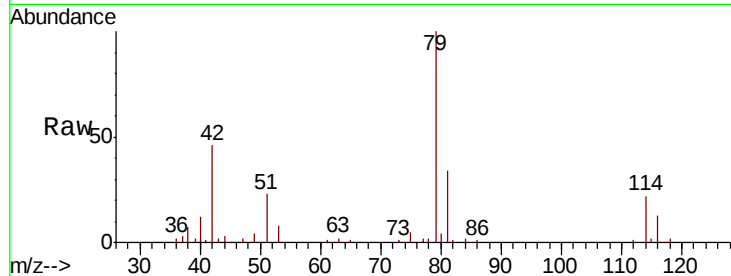


#39

cis-1,3-Dichloropropene
 Concen: 0.113 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039025.D
 Acq: 22 Jun 2020 23:33

Instrument :
 MSVOA_U
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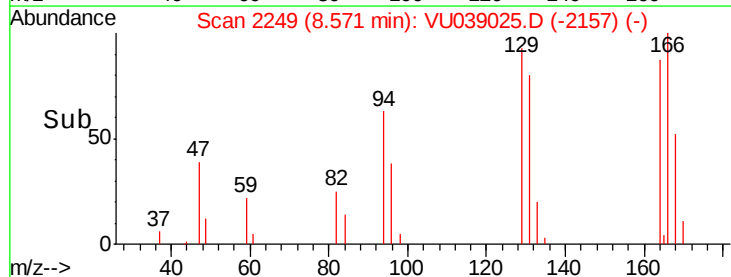
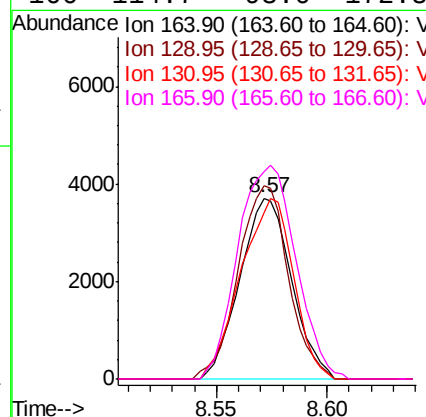
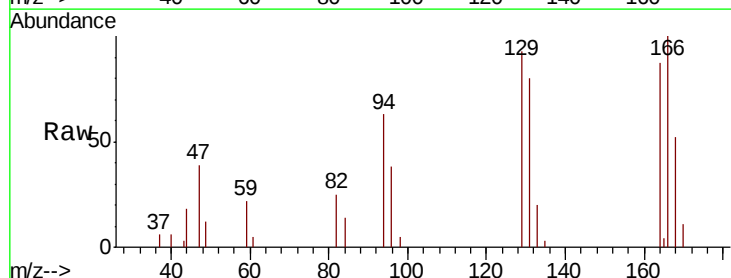
Tot Ion: 75 Resp: 3618
 Ion Ratio Lower Upper
 75 100
 77 54.8 22.0 41.0#

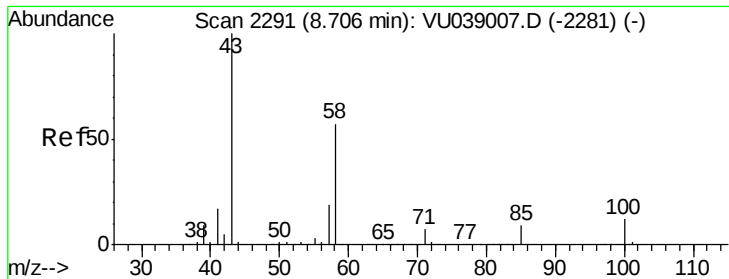


#47

Tetrachloroethene
 Concen: 0.413 ug/L
 RT: 8.57 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: VU039025.D
 Acq: 22 Jun 2020 23:33

Tgt Ion: 164 Resp: 6028
 Ion Ratio Lower Upper
 164 100
 129 106.8 69.2 128.6
 131 92.3 66.9 124.3
 166 114.7 93.0 172.8

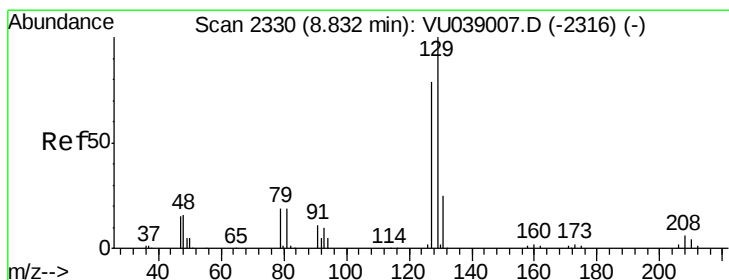
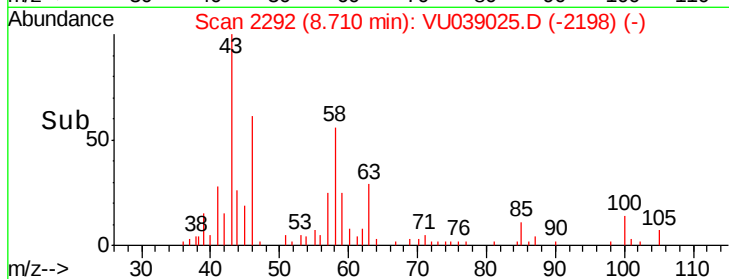
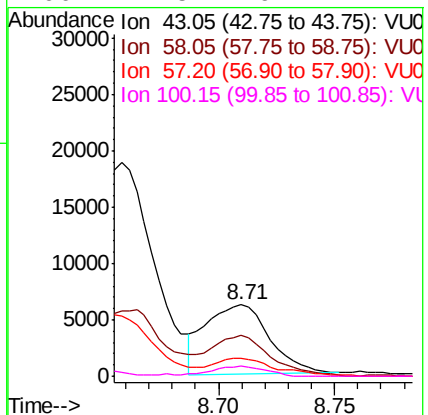
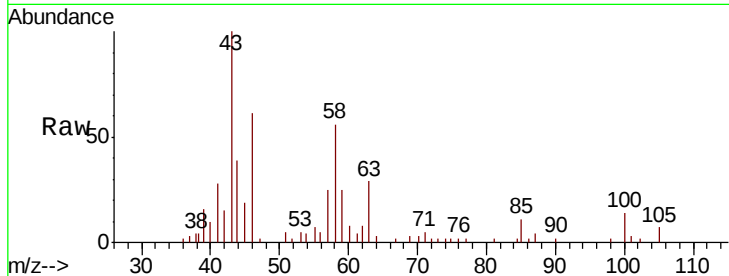




#48
2-Hexanone
Concen: 0.941 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU039025.D
Acq: 22 Jun 2020 23:33

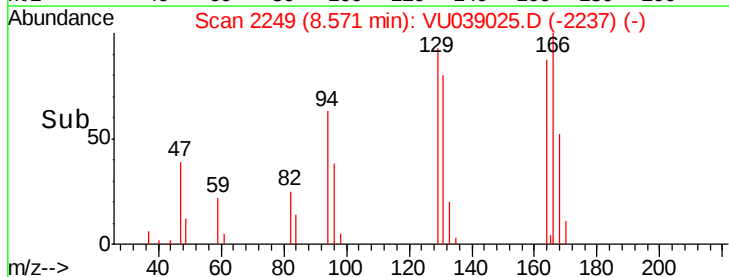
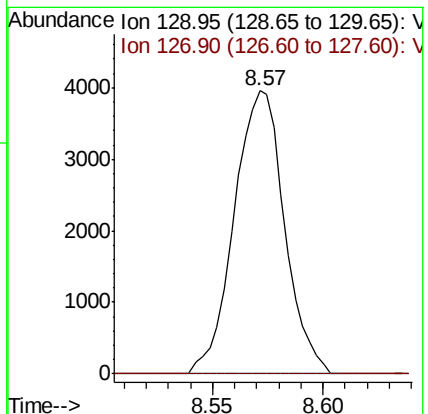
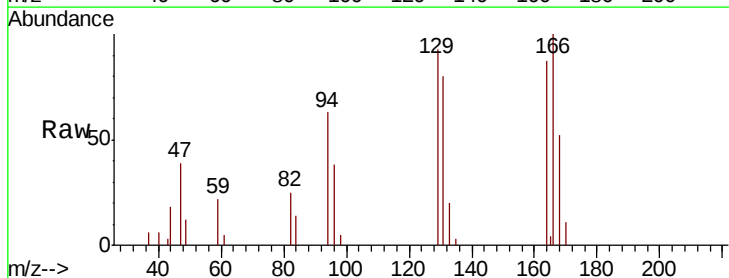
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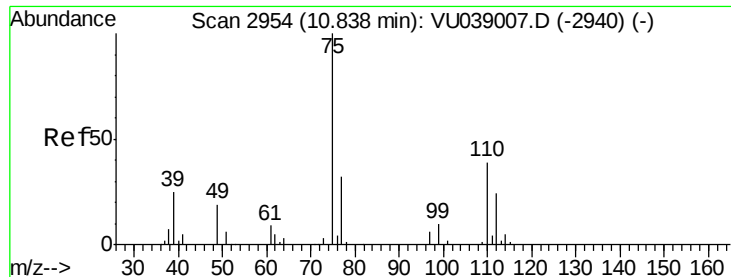
Tot Ion: 43 Resp: 11625
Ion Ratio Lower Upper
43 100
58 55.0 43.5 65.3
57 26.6 15.0 22.4#
100 12.5 9.4 14.2



#49
Dibromochloromethane
Concen: 0.344 ug/L
RT: 8.57 min Scan# 2249
Delta R.T. -0.26 min
Lab File: VU039025.D
Acq: 22 Jun 2020 23:33

Tgt Ion: 129 Resp: 6245
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.5#





#59

1,2,3-Trichloropropane

Concen: 0.956 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039025.D

Acq: 22 Jun 2020 23:33

Instrument :

MSVOA_U

ClientSampleId :

F9L00

Tot Ion: 75 Resp: 15716

Ion Ratio Lower Upper

75 100

77 38.8 25.5 38.3#

