

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U062220\
 Data File : VU039010.D
 Acq On : 22 Jun 2020 17:39
 Operator : SY/MD
 Sample : L3040-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Jun 23 01:27:48 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	271537	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	280368	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	127196	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	104449	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.93	69	81338	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.59	63	145061	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.67	46	358580	49.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.74%
24) Chloroform-d	5.10	84	172950	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.74	65	115418	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.76	84	381360	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.72	67	126743	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.92	98	297779	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	8.20	79	52341	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.65	63	275233	48.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.42%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	109356	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	123397	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

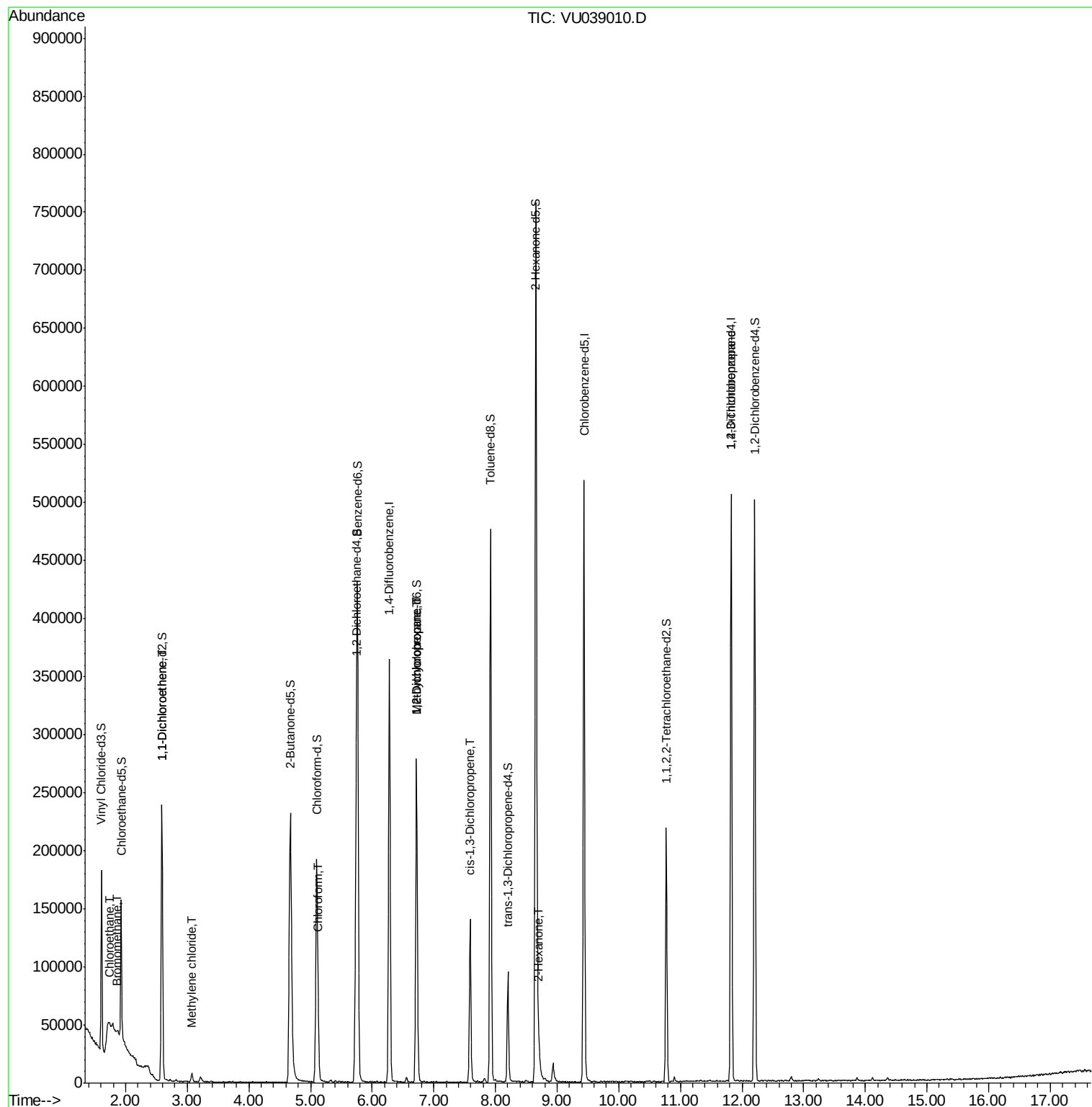
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Bromomethane	1.87	94	1036	0.157	ug/L	81
8) Chloroethane	1.75	64	82304	5.395	ug/L #	54
12) 1,1-Dichloroethene	2.59	96	1260	0.064	ug/L #	1
16) Methylene chloride	3.07	84	2858	0.120	ug/L	78
25) Chloroform	5.13	83	20441	0.475	ug/L	98
35) Methylcyclohexane	6.72	83	29284	0.856	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	14186	0.583	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3714	0.107	ug/L #	61
48) 2-Hexanone	8.71	43	13745	1.020	ug/L #	96
59) 1,2,3-Trichloropropane	11.83	75	17326	0.967	ug/L	89

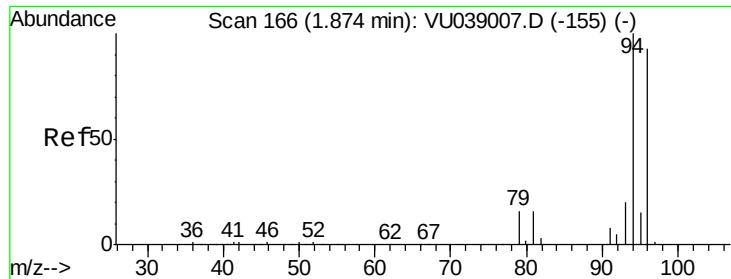
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.157 ug/L

RT: 1.87 min Scan# 166

Delta R.T. 0.00 min

Lab File: VU039010.D

Acq: 22 Jun 2020 17:39

Instrument :

MSVOA_U

ClientSampleId :

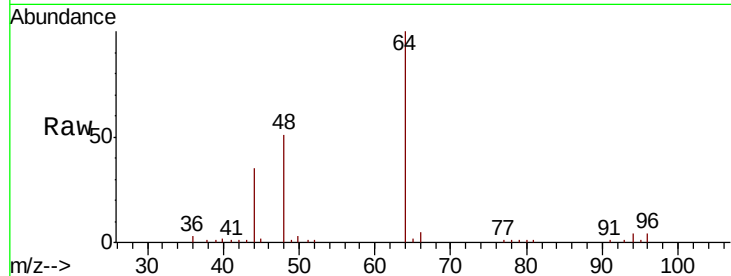
VHBLK01

Tot Ion: 94 Resp: 1036

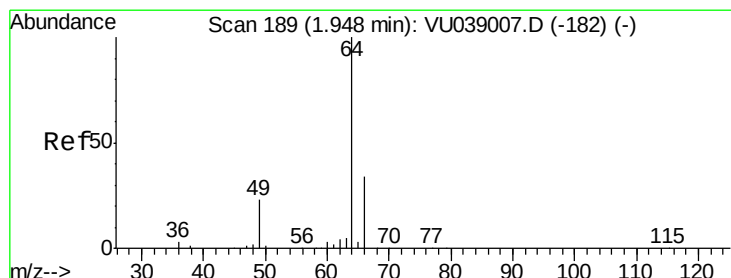
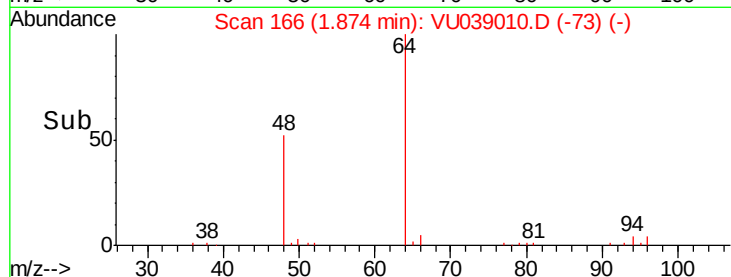
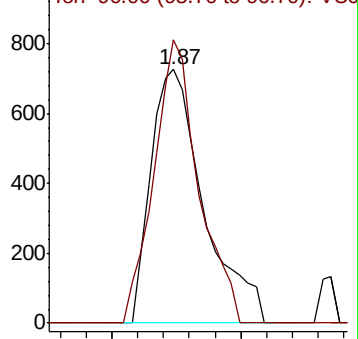
Ion Ratio Lower Upper

94 100

96 111.7 65.5 121.7



Abundance Ion 94.00 (93.70 to 94.70): VU039010.D (-73) (-)



#8

Chloroethane

Concen: 5.395 ug/L

RT: 1.75 min Scan# 126

Delta R.T. -0.20 min

Lab File: VU039010.D

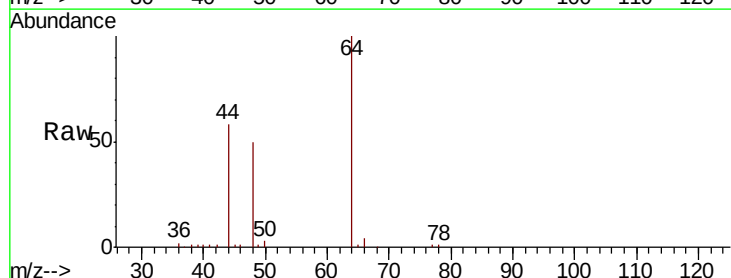
Acq: 22 Jun 2020 17:39

Tgt Ion: 64 Resp: 82304

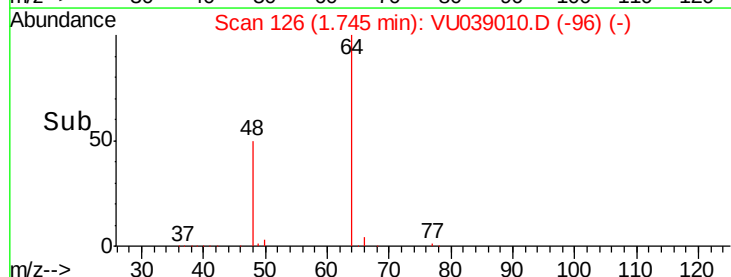
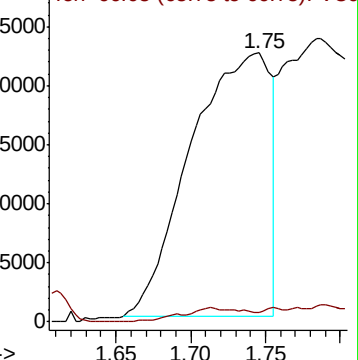
Ion Ratio Lower Upper

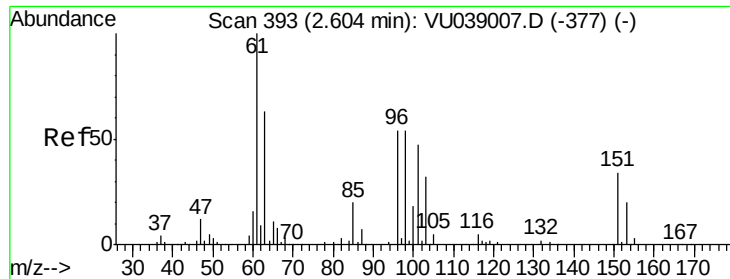
64 100

66 3.5 19.4 36.0#



Abundance Ion 64.10 (63.80 to 64.80): VU039010.D (-96) (-)

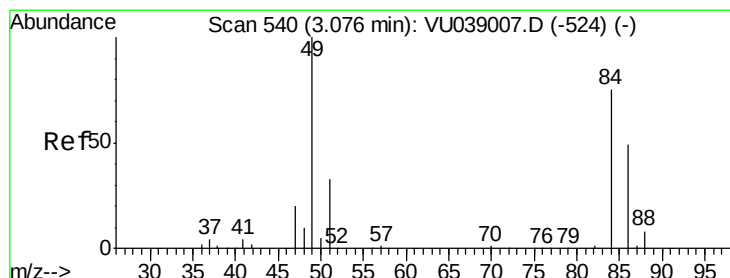
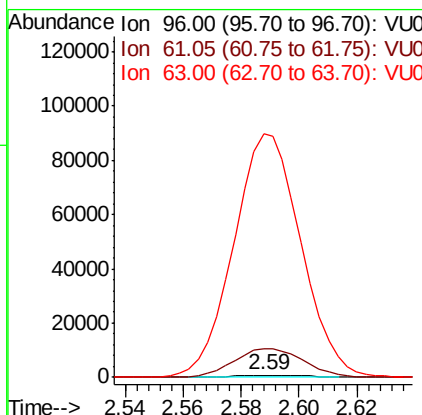
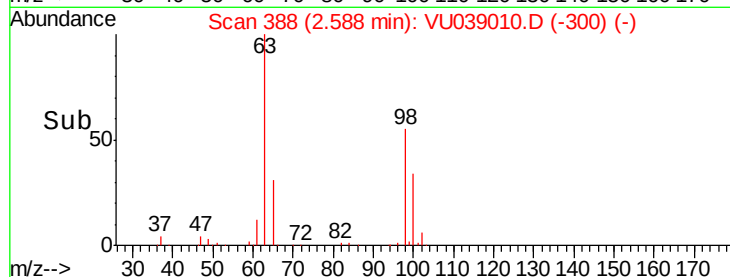
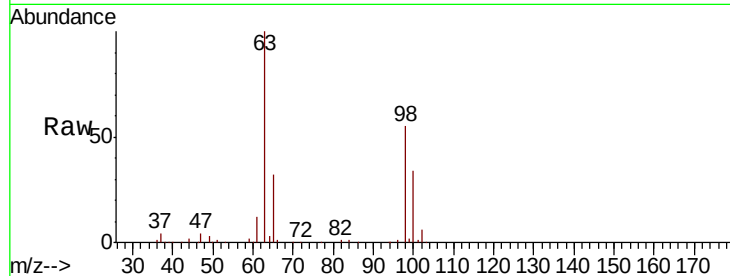




#12
 1,1-Dichloroethene
 Concen: 0.064 ug/L
 RT: 2.59 min Scan# 388
 Delta R.T. -0.02 min
 Lab File: VU039010.D
 Acq: 22 Jun 2020 17:39

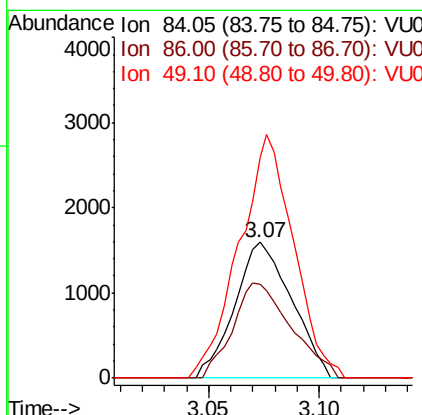
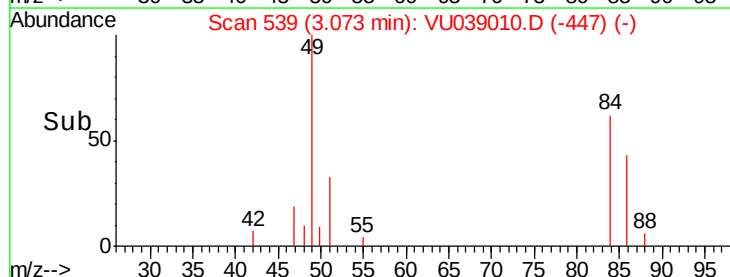
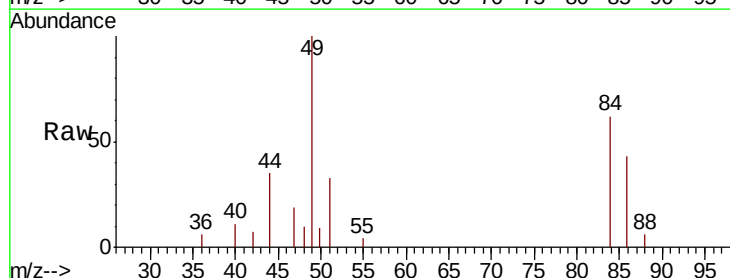
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

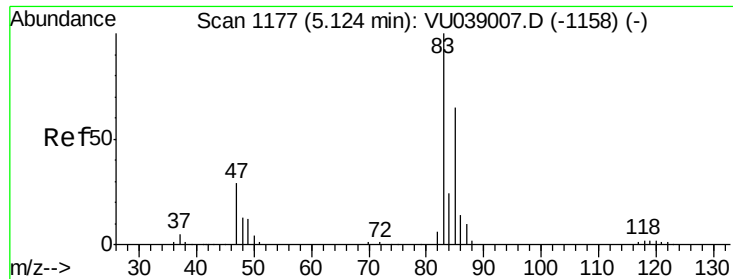
Tot Ion: 96 Resp: 1260
 Ion Ratio Lower Upper
 96 100
 61 1267.8 128.7 239.1#
 63 10752.6 101.5 188.5#



#16
 Methylene chloride
 Concen: 0.120 ug/L
 RT: 3.07 min Scan# 539
 Delta R.T. -0.00 min
 Lab File: VU039010.D
 Acq: 22 Jun 2020 17:39

Tgt Ion: 84 Resp: 2858
 Ion Ratio Lower Upper
 84 100
 86 69.5 43.1 80.1
 49 161.9 90.9 168.9

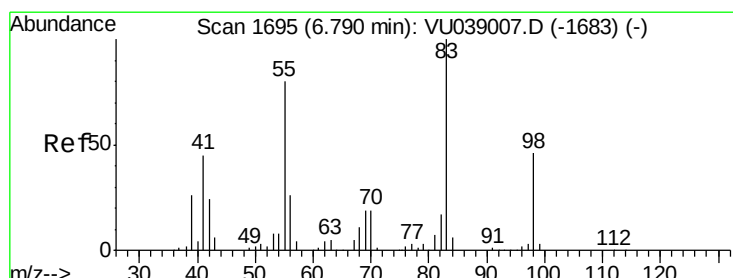
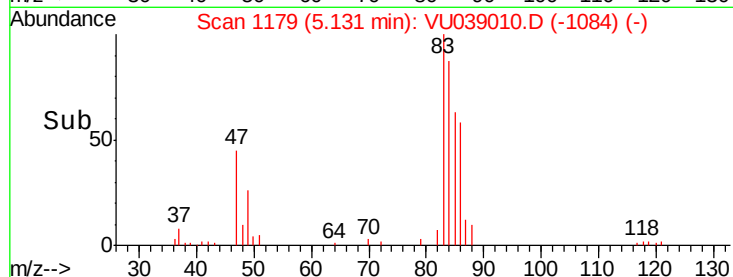
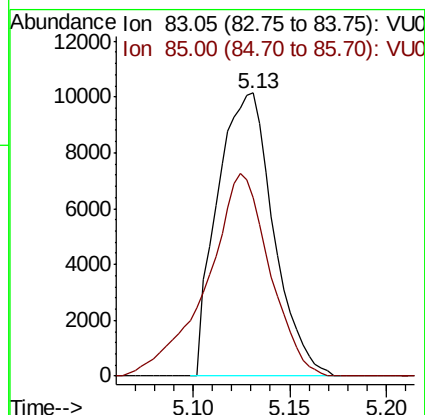
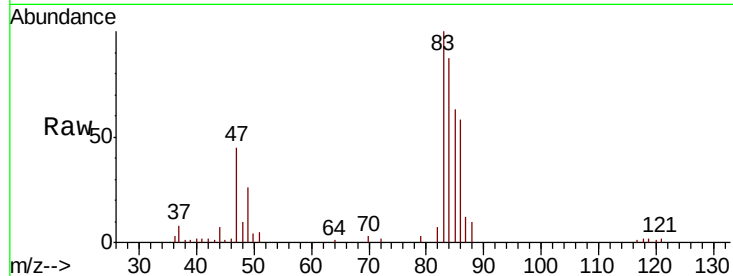




#25
Chloroform
Concen: 0.475 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VU039010.D
Acq: 22 Jun 2020 17:39

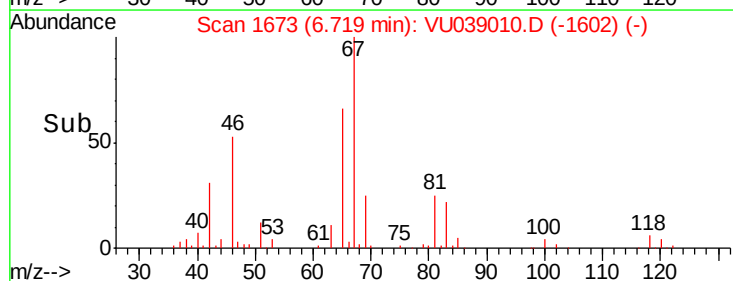
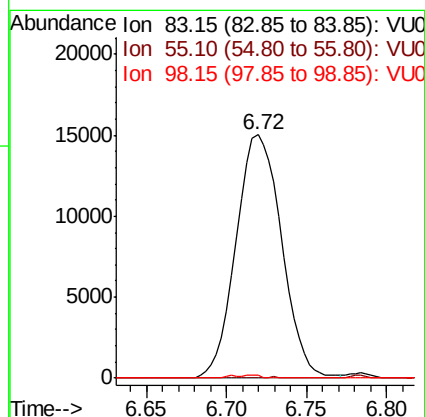
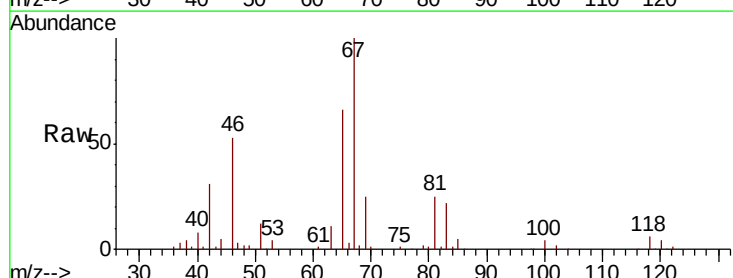
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

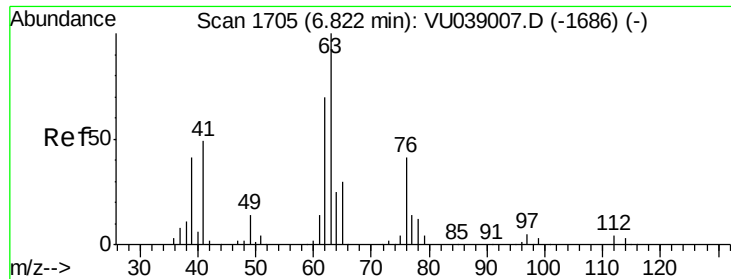
Tot Ion: 83 Resp: 20441
Ion Ratio Lower Upper
83 100
85 62.8 44.9 83.5



#35
Methylcyclohexane
Concen: 0.856 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039010.D
Acq: 22 Jun 2020 17:39

Tgt Ion: 83 Resp: 29284
Ion Ratio Lower Upper
83 100
55 0.1 65.1 97.7#
98 0.7 37.0 55.4#

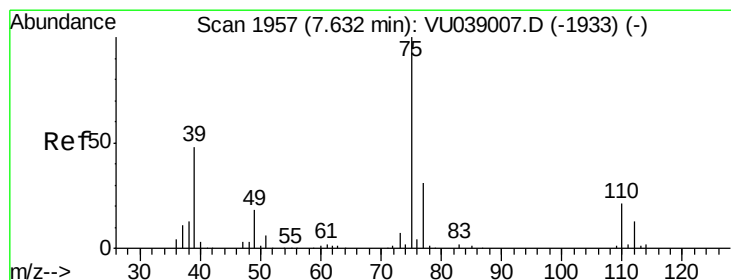
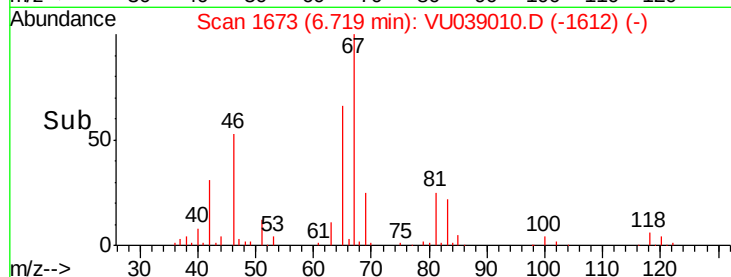
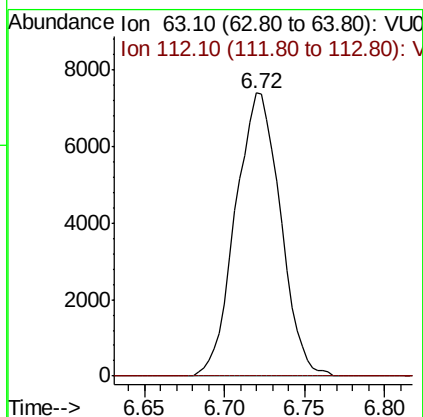
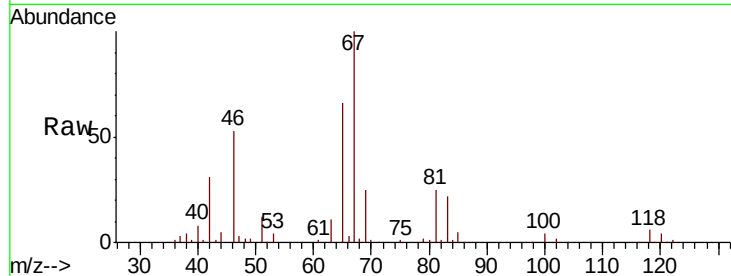




#37
 1,2-Dichloropropane
 Concen: 0.583 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU039010.D
 Acq: 22 Jun 2020 17:39

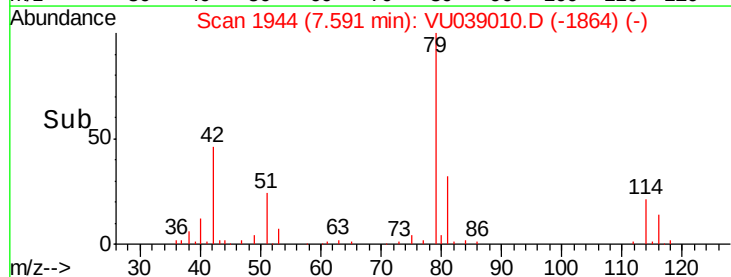
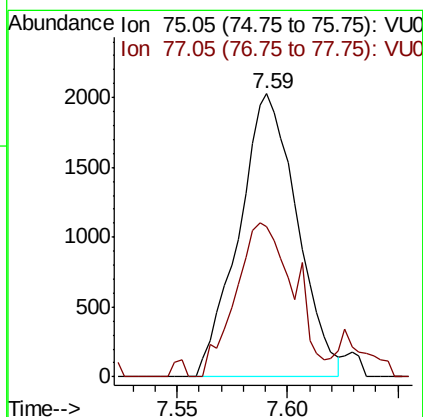
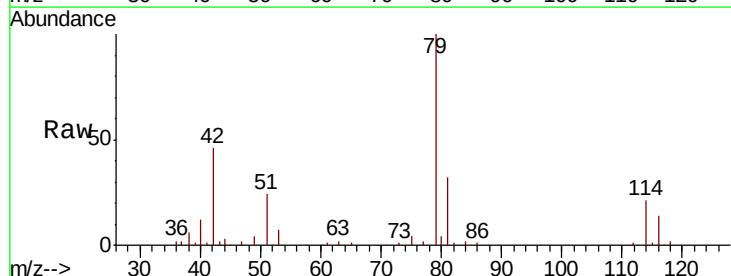
Instrument :
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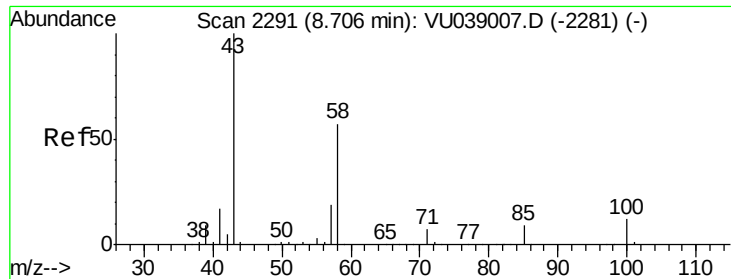
Tot Ion: 63 Resp: 14186
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.107 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039010.D
 Acq: 22 Jun 2020 17:39

Tgt Ion: 75 Resp: 3714
 Ion Ratio Lower Upper
 75 100
 77 53.1 22.0 41.0#

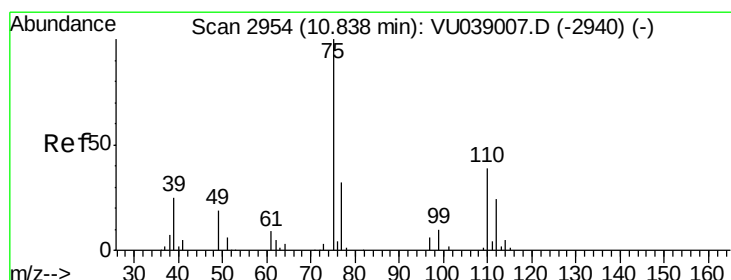
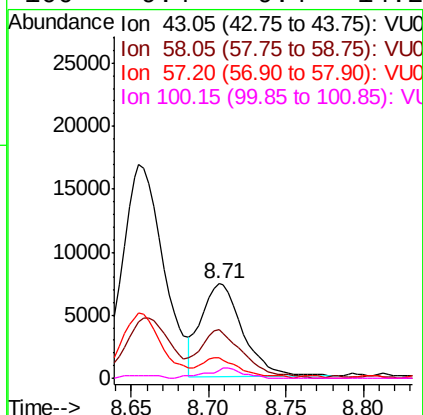
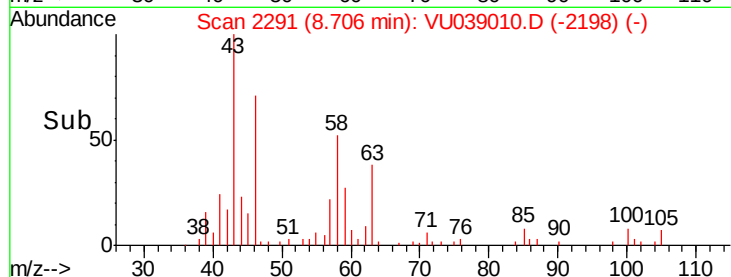
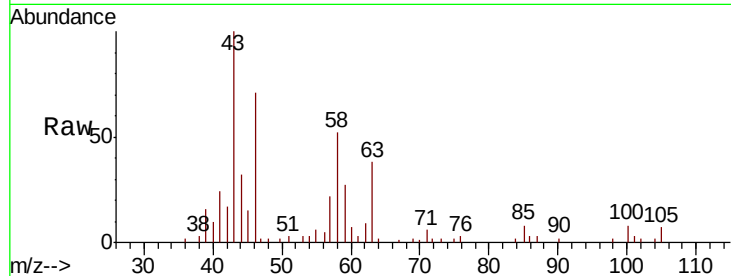




#48
2-Hexanone
Concen: 1.020 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU039010.D
Acq: 22 Jun 2020 17:39

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ClientSampleId :
VHBLK01

Tot Ion: 43 Resp: 13745
Ion Ratio Lower Upper
43 100
58 56.7 43.5 65.3
57 20.4 15.0 22.4
100 9.4 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 0.967 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.99 min
Lab File: VU039010.D
Acq: 22 Jun 2020 17:39

Tgt Ion: 75 Resp: 17326
Ion Ratio Lower Upper
75 100
77 38.2 25.5 38.3

