

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081320\
 Data File : VU039846.D
 Acq On : 13 Aug 2020 13:11
 Operator : SY/MD
 Sample : L3578-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Aug 14 01:48:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 14 01:47:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	59759	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	64073	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	29703	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	16605	5.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.00%
7) Chloroethane-d5	1.92	69	17225	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.58	63	26561	4.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.80%
20) 2-Butanone-d5	4.65	46	78464	55.28	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.56%
24) Chloroform-d	5.08	84	39794	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.72	65	27589	5.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.00%
32) Benzene-d6	5.74	84	75181	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.70	67	26337	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.90	98	60091	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	8.19	79	10518	5.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.00%
46) 2-Hexanone-d5	8.64	63	56723	52.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.74%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25828	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	27663	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

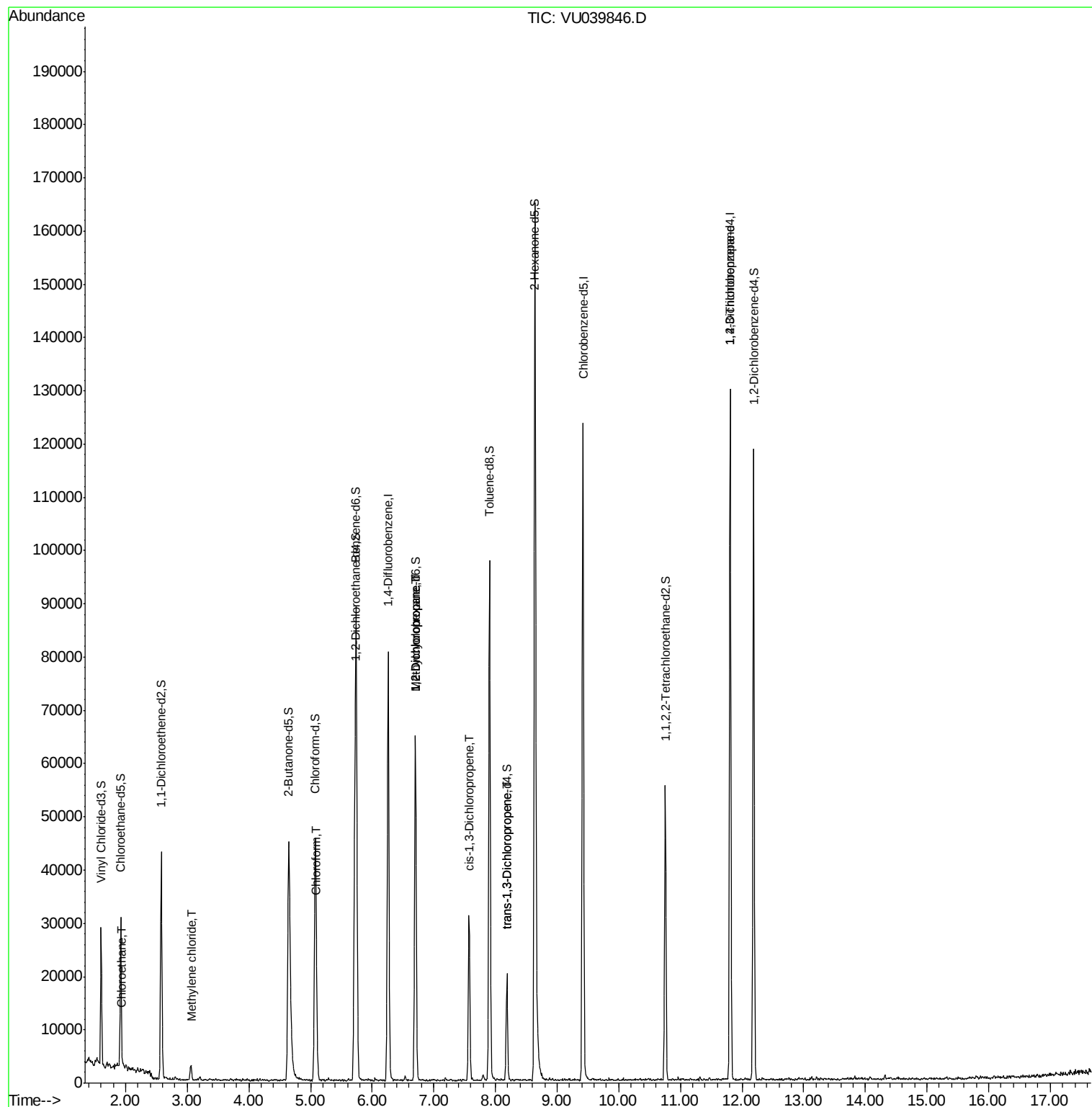
					Ovalue
8) Chloroethane	1.95	64	280	0.079 ug/L #	43
16) Methylene chloride	3.05	84	1340	0.233 ug/L	91
25) Chloroform	5.11	83	3256	0.413 ug/L	97
35) Methylcyclohexane	6.70	83	6643	0.918 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	3061	0.660 ug/L #	86
39) cis-1,3-Dichloropropene	7.58	75	985	0.156 ug/L	91
44) trans-1,3-Dichloropropene	8.18	75	693	0.122 ug/L	97
59) 1,2,3-Trichloropropane	11.81	75	5030	1.504 ug/L #	82

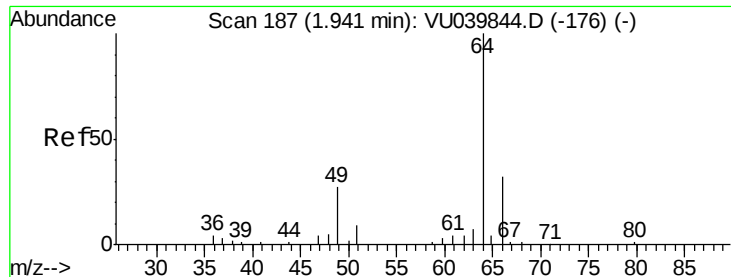
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.079 ug/L

RT: 1.95 min Scan# 190

Delta R.T. 0.01 min

Lab File: VU039846.D

Acq: 13 Aug 2020 13:11

Instrument :

MSVOA_U

ClientSampleId :

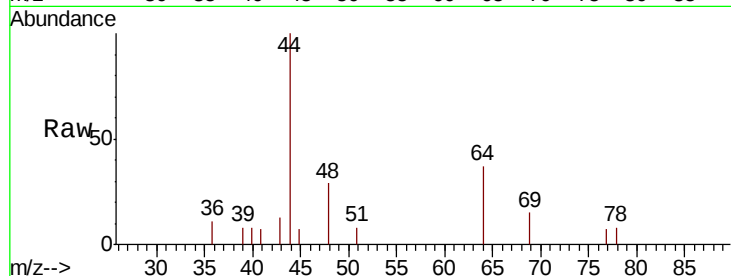
VHBLK01

Tot Ion: 64 Resp: 280

Ion Ratio Lower Upper

64 100

66 0.0 22.3 41.3#



Abundance Ion 64.10 (63.80 to 64.80): VU039846.D (-176) (-)

Ion 66.05 (65.75 to 66.75): VU039846.D (-176) (-)

1.95

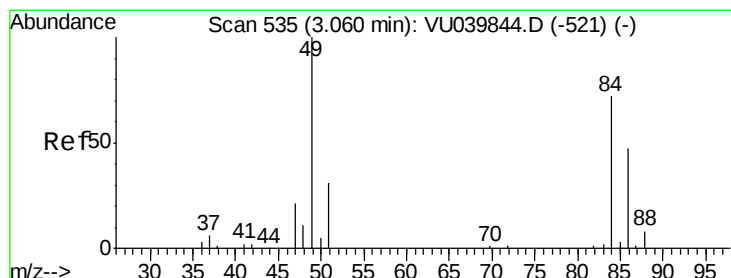
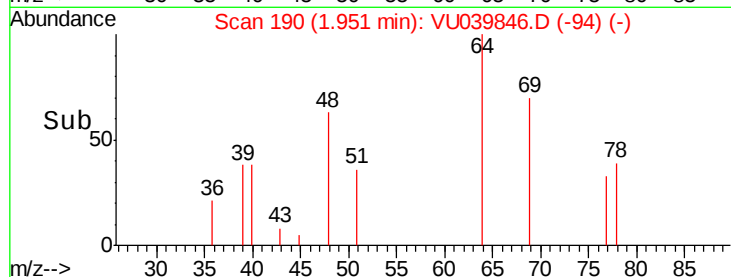
600

400

200

0

Time-->



#16

Methylene chloride

Concen: 0.233 ug/L

RT: 3.05 min Scan# 533

Delta R.T. -0.01 min

Lab File: VU039846.D

Acq: 13 Aug 2020 13:11

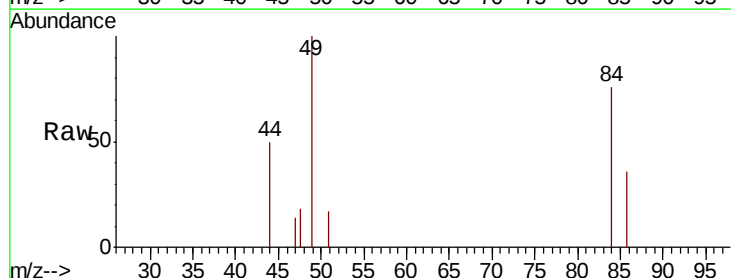
Tgt Ion: 84 Resp: 1340

Ion Ratio Lower Upper

84 100

86 46.7 43.9 81.5

49 131.3 94.4 175.4



Abundance Ion 84.05 (83.75 to 84.75): VU039846.D (-521) (-)

Ion 86.00 (85.70 to 86.70): VU039846.D (-521) (-)

Ion 49.10 (48.80 to 49.80): VU039846.D (-521) (-)

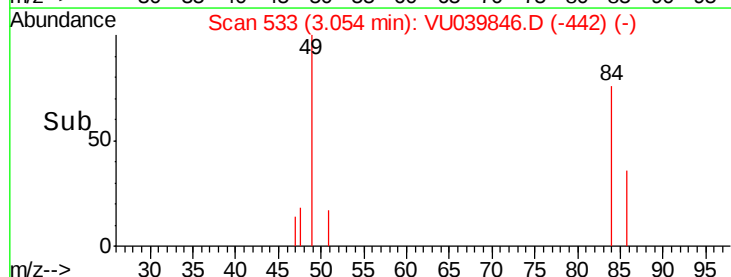
1500

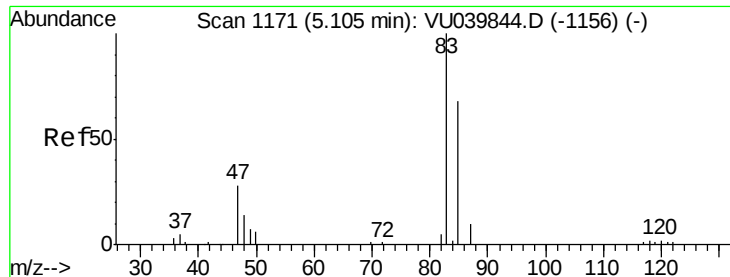
1000

500

0

Time-->

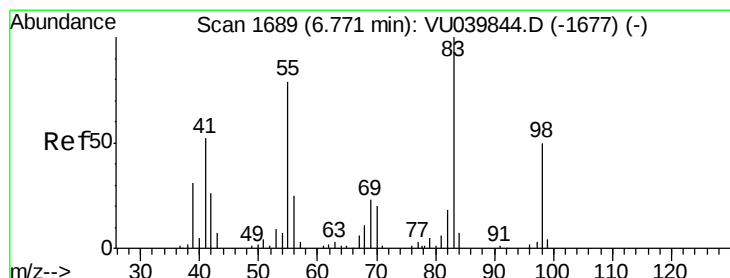
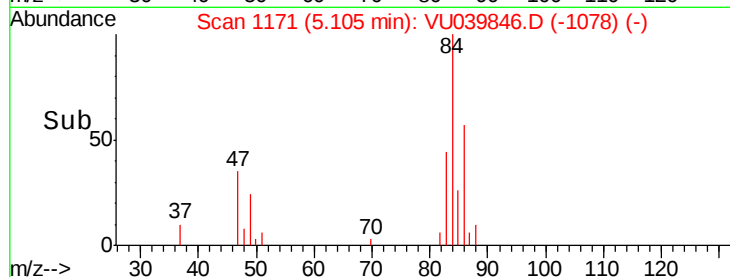
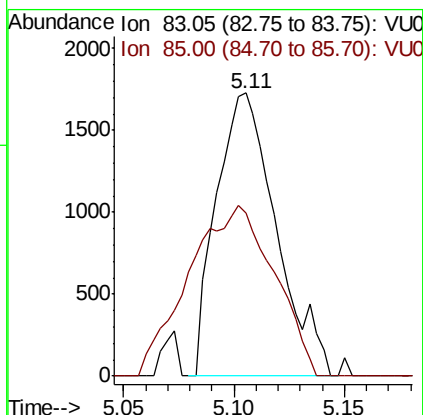
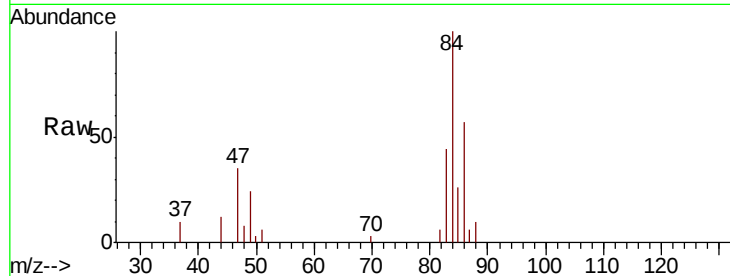




#25
Chloroform
Concen: 0.413 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU039846.D
Acq: 13 Aug 2020 13:11

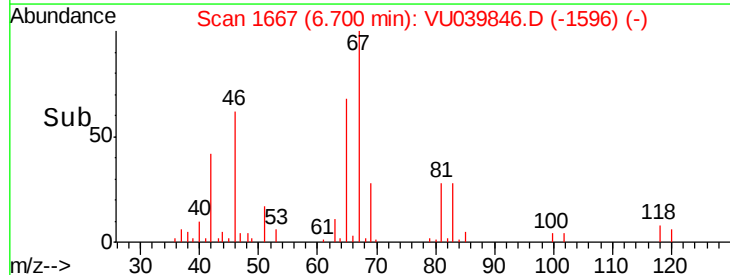
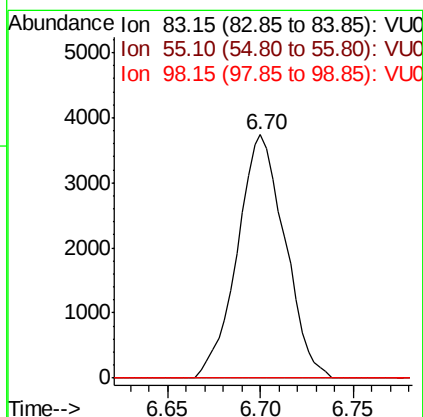
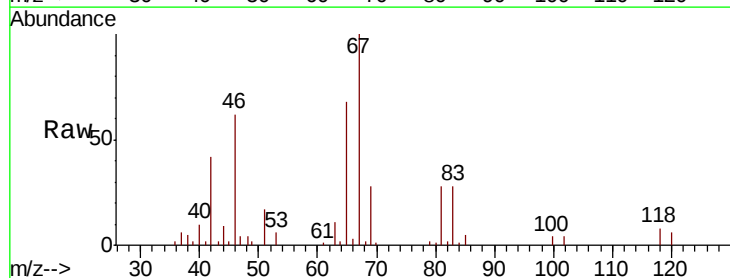
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

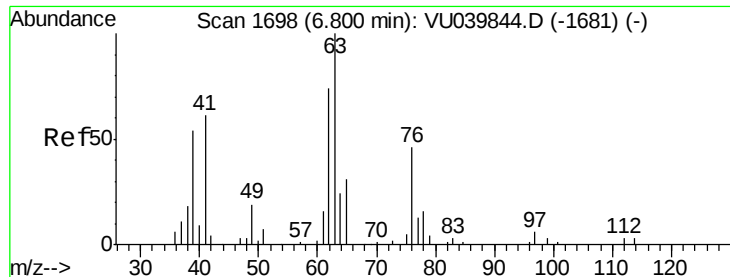
Tot Ion: 83 Resp: 3256
Ion Ratio Lower Upper
83 100
85 57.7 42.1 78.3



#35
Methylcyclohexane
Concen: 0.918 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU039846.D
Acq: 13 Aug 2020 13:11

Tgt Ion: 83 Resp: 6643
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 0.9 39.0 58.4#

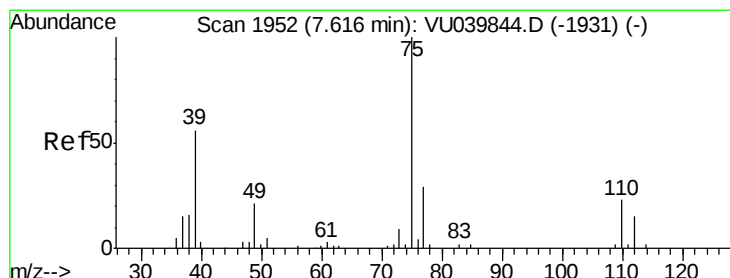
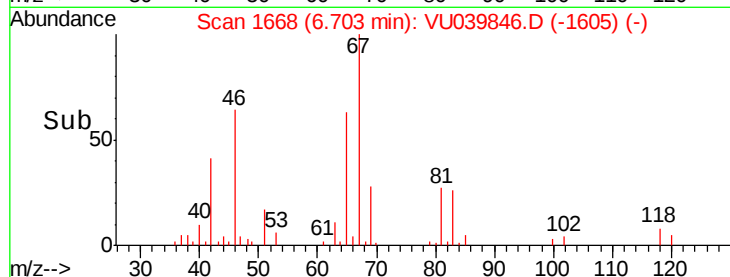
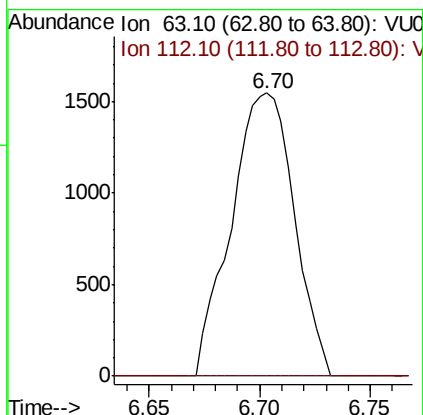
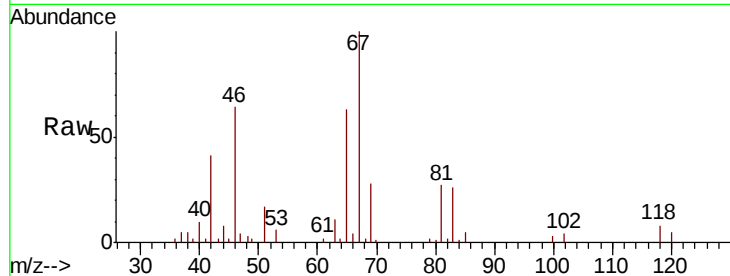




#37
 1,2-Dichloropropane
 Concen: 0.660 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU039846.D
 Acq: 13 Aug 2020 13:11

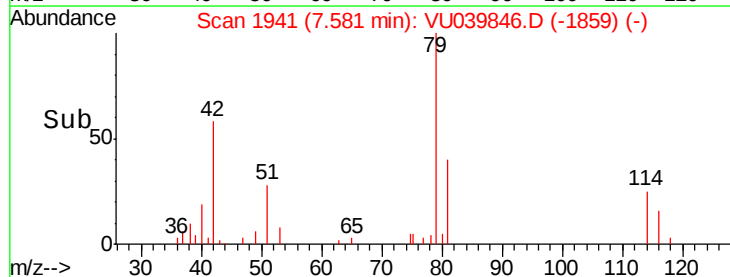
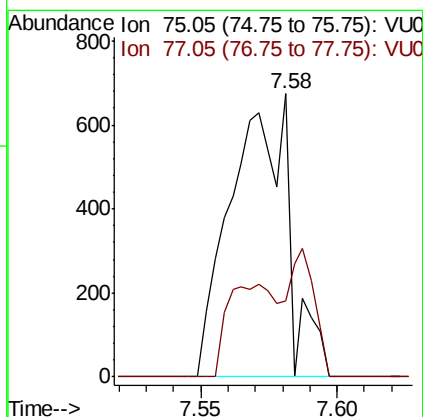
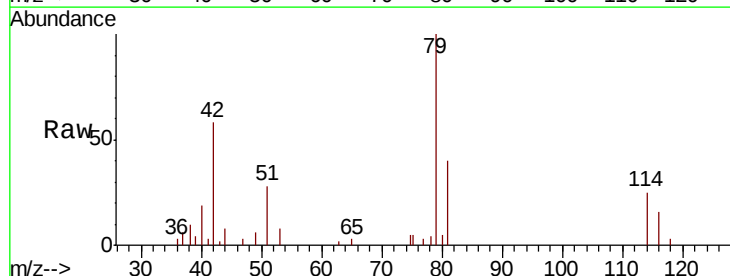
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

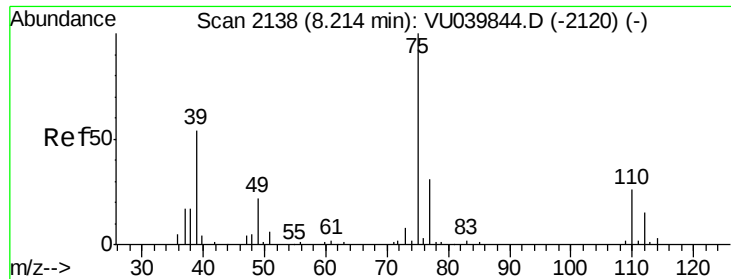
Tot Ion: 63 Resp: 3061
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.156 ug/L
 RT: 7.58 min Scan# 1941
 Delta R.T. -0.04 min
 Lab File: VU039846.D
 Acq: 13 Aug 2020 13:11

Tgt Ion: 75 Resp: 985
 Ion Ratio Lower Upper
 75 100
 77 27.0 22.4 41.6





#44

trans-1,3-Dichloropropene

Concen: 0.122 ug/L

RT: 8.18 min Scan# 2126

Delta R.T. -0.04 min

Lab File: VU039846.D

Acq: 13 Aug 2020 13:11

Instrument :

MSVOA_U

ClientSampleId :

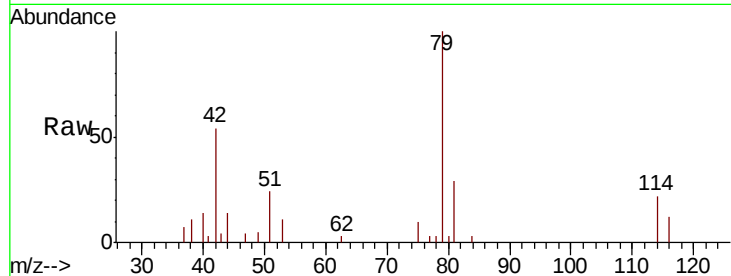
VHBLK01

Tot Ion: 75 Resp: 693

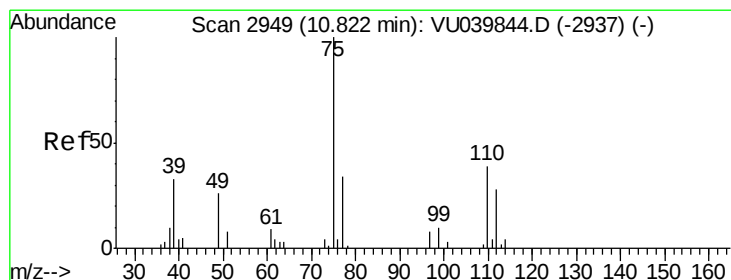
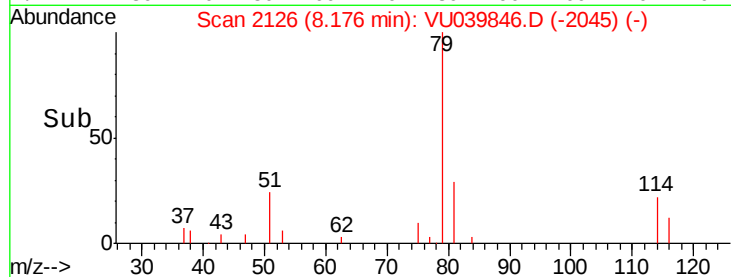
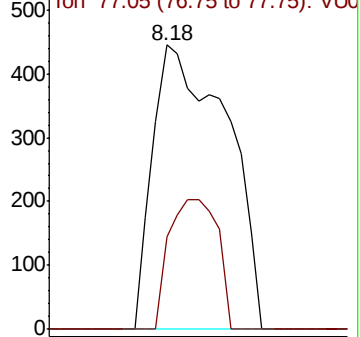
Ion Ratio Lower Upper

75 100

77 32.3 21.6 40.2



Abundance Ion 75.05 (74.75 to 75.75): VU039844.D (-2120) (-)



#59

1,2,3-Trichloropropane

Concen: 1.504 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039846.D

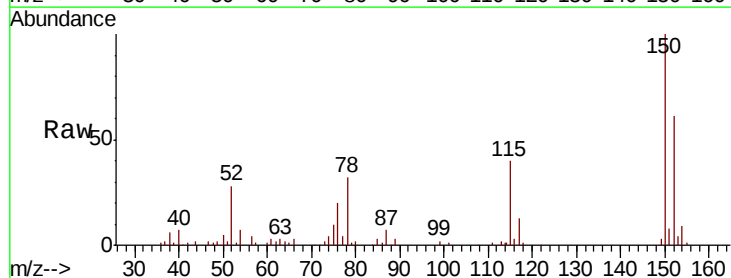
Acq: 13 Aug 2020 13:11

Tgt Ion: 75 Resp: 5030

Ion Ratio Lower Upper

75 100

77 40.9 24.6 37.0#



Abundance Ion 75.00 (74.70 to 75.70): VU039844.D (-2937) (-)

