

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102120\
 Data File : VU040905.D
 Acq On : 22 Oct 2020 14:31
 Operator : SY/MD
 Sample : L4428-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Oct 22 23:26:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 22 23:17:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	208965	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	219663	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	89553	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	62280	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.92	69	62162	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.58	63	101790	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	4.66	46	318329	62.58	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.16%
24) Chloroform-d	5.08	84	149722	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.72	65	97173	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
32) Benzene-d6	5.74	84	259138	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.70	67	91606	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.91	98	193472	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.80%
43) trans-1,3-Dichloropropene-	8.19	79	36504	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.64	63	225076	57.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.44%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	91770	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	83268	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

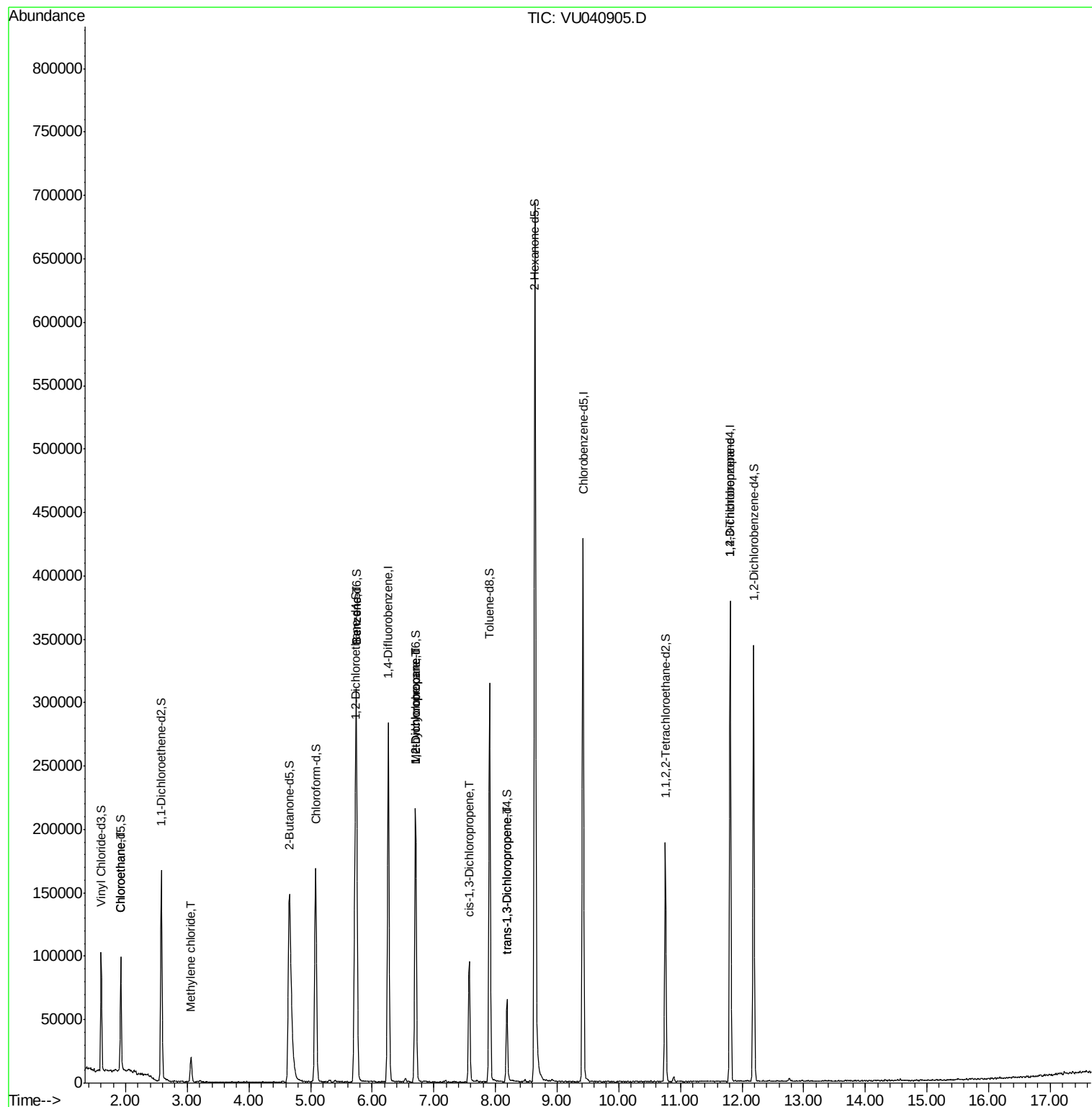
					Ovalue
8) Chloroethane	1.93	64	1066	0.077 ug/L #	44
16) Methylene chloride	3.06	84	8294	0.441 ug/L	90
33) Benzene	5.75	78	2413	0.034 ug/L	100
35) Methylcyclohexane	6.70	83	21546	0.801 ug/L #	15
37) 1,2-Dichloropropane	6.70	63	11087	0.582 ug/L #	92
39) cis-1,3-Dichloropropene	7.58	75	2362	0.093 ug/L #	80
44) trans-1,3-Dichloropropene	8.18	75	1629	0.071 ug/L #	37
59) 1,2,3-Trichloropropane	11.81	75	13001	1.049 ug/L	95

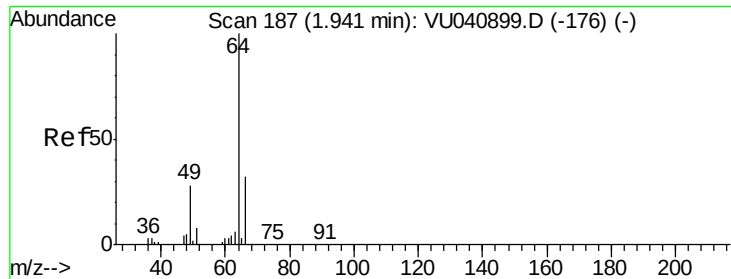
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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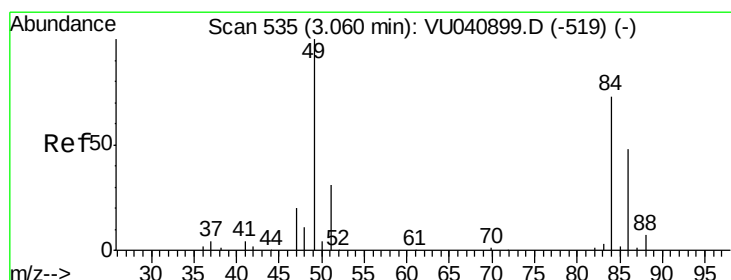
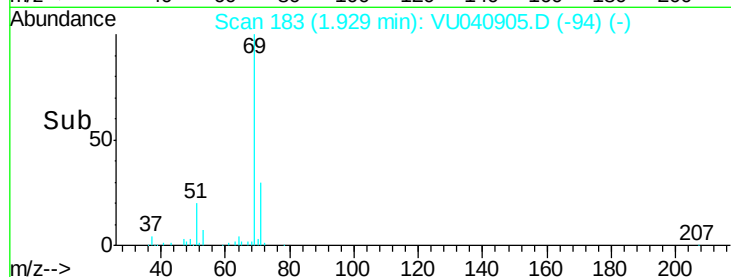
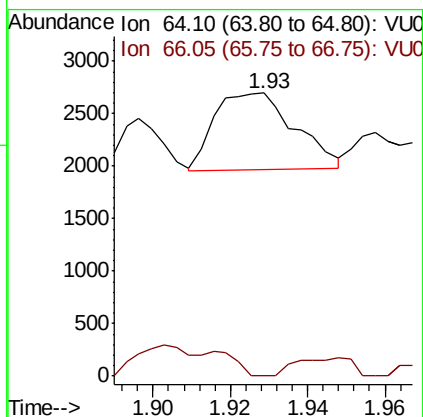
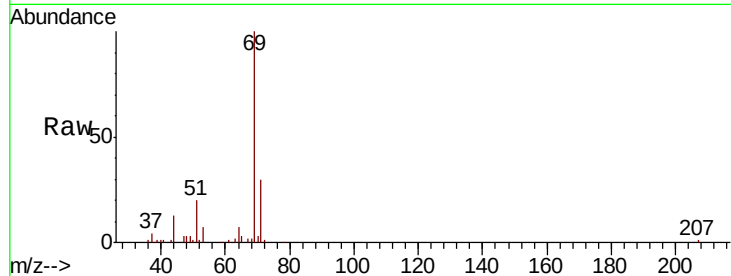




#8
Chloroethane
Concen: 0.077 ug/L
RT: 1.93 min Scan# 183
Delta R.T. -0.01 min
Lab File: VU040905.D
Acq: 22 Oct 2020 14:31

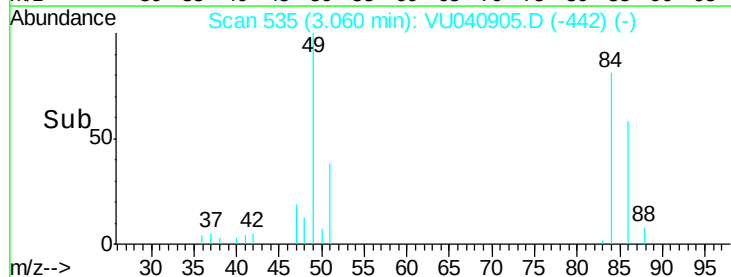
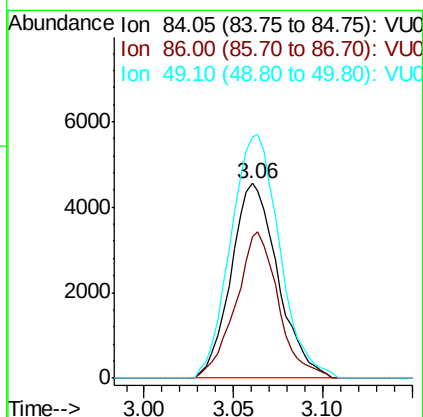
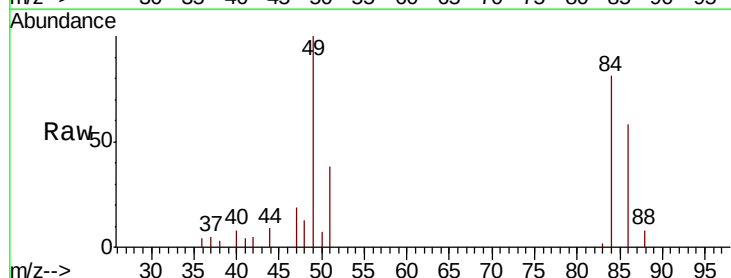
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

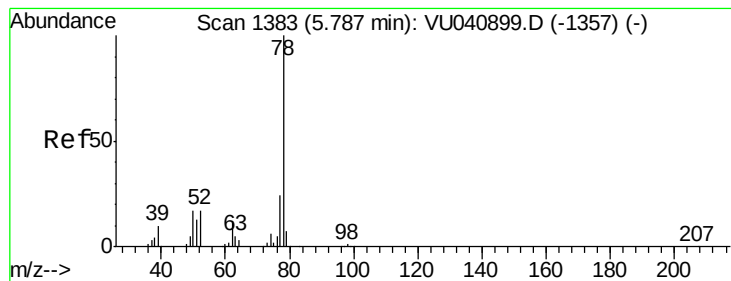
Tot Ion: 64 Resp: 1066
Ion Ratio Lower Upper
64 100
66 0.0 21.2 39.4#



#16
Methylene chloride
Concen: 0.441 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU040905.D
Acq: 22 Oct 2020 14:31

Tgt Ion: 84 Resp: 8294
Ion Ratio Lower Upper
84 100
86 72.4 44.9 83.5
49 124.1 94.7 175.9





#33

Benzene

Concen: 0.034 ug/L

RT: 5.75 min Scan# 1371

Delta R.T. -0.04 min

Lab File: VU040905.D

Acq: 22 Oct 2020 14:31

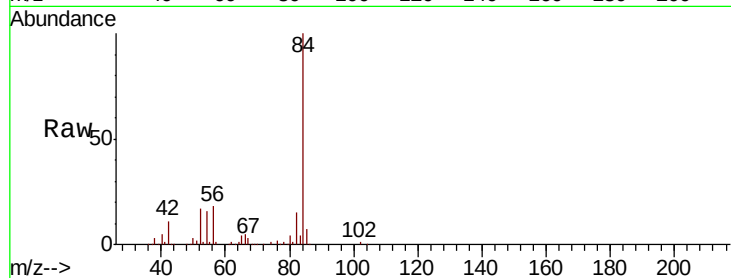
Instrument :

MSVOA_U

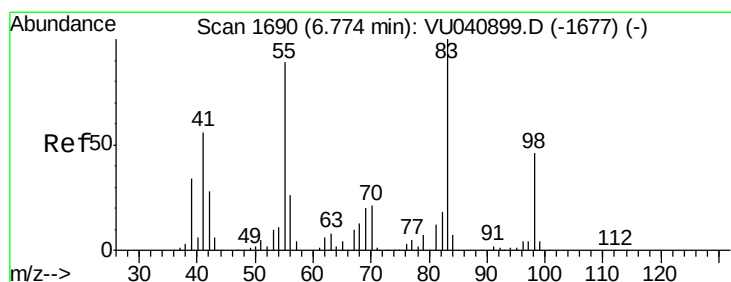
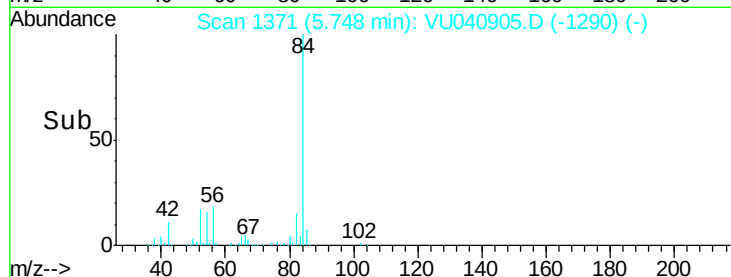
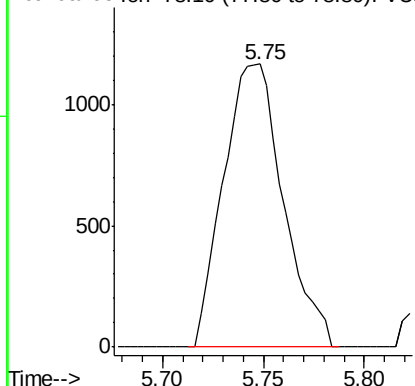
ClientSampleId :

VHBLK01

Tgt Ion: 78 Resp: 2413



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.801 ug/L

RT: 6.70 min Scan# 1668

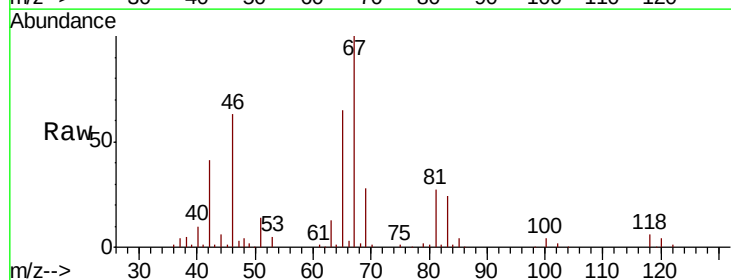
Delta R.T. -0.07 min

Lab File: VU040905.D

Acq: 22 Oct 2020 14:31

Tgt Ion: 83 Resp: 21546

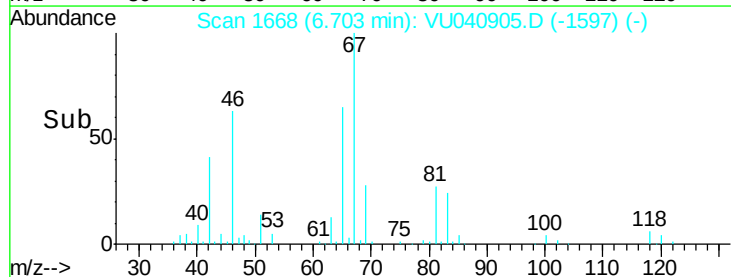
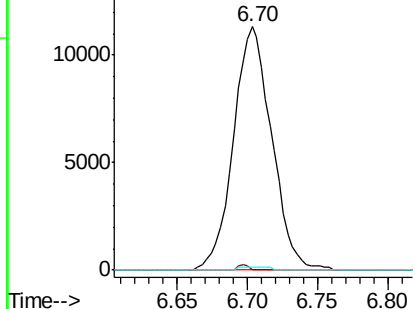
Ion	Ratio	Lower	Upper
83	100		
55	0.6	69.1	103.7#
98	1.0	37.8	56.6#

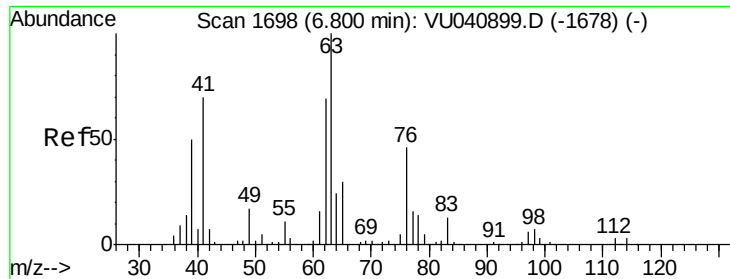


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

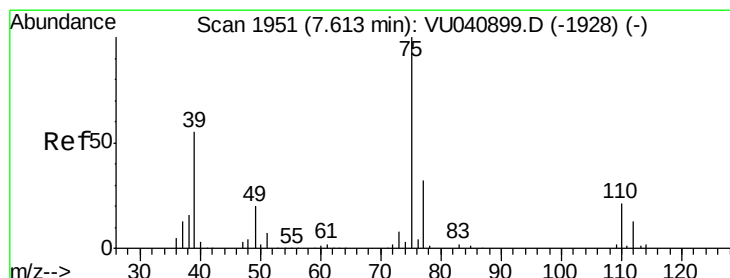
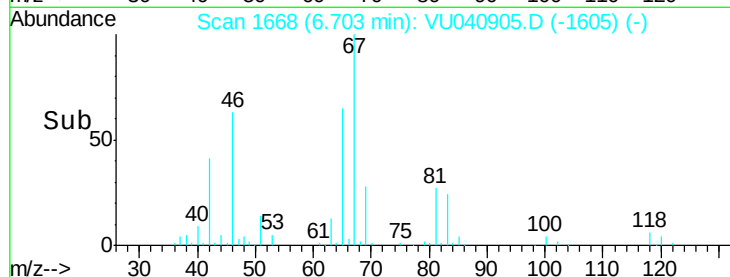
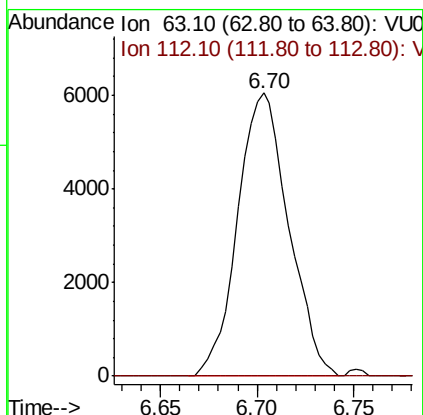
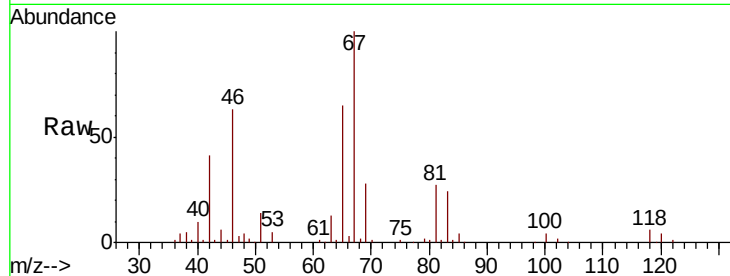




#37
 1,2-Dichloropropane
 Concen: 0.582 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040905.D
 Acq: 22 Oct 2020 14:31

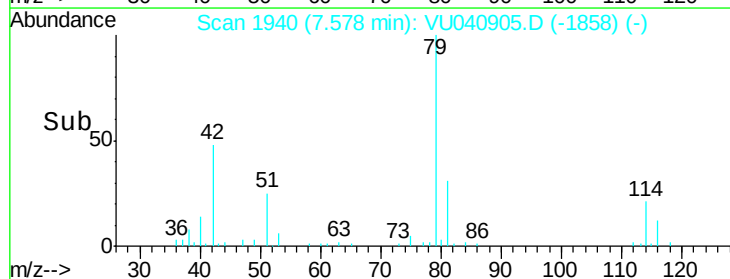
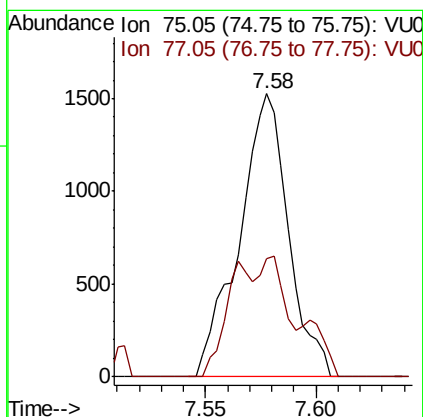
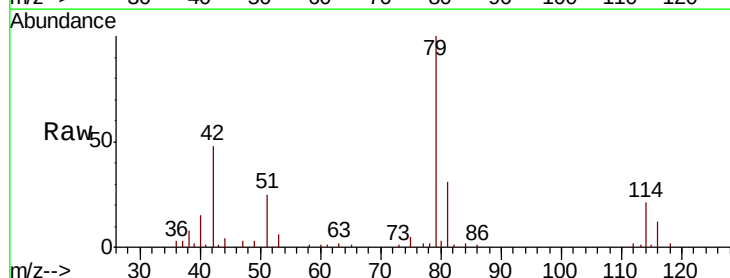
Instrument :
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 ClientSampleId :
 VHBLK01

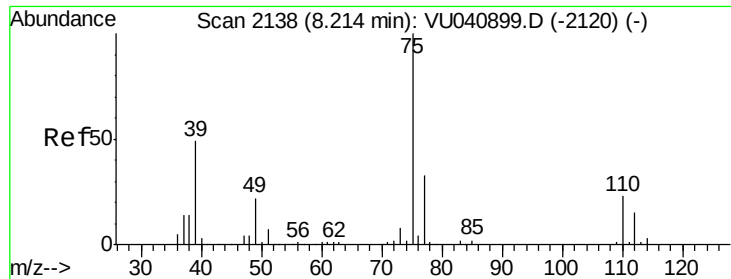
Tot Ion: 63 Resp: 11087
 Ion Ratio Lower Upper
 63 100
 112 1.3 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU040905.D
 Acq: 22 Oct 2020 14:31

Tgt Ion: 75 Resp: 2362
 Ion Ratio Lower Upper
 75 100
 77 41.7 21.6 40.2#





#44

trans-1,3-Dichloropropene

Concen: 0.071 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU040905.D

Acq: 22 Oct 2020 14:31

Instrument :

MSVOA_U

ClientSampleId :

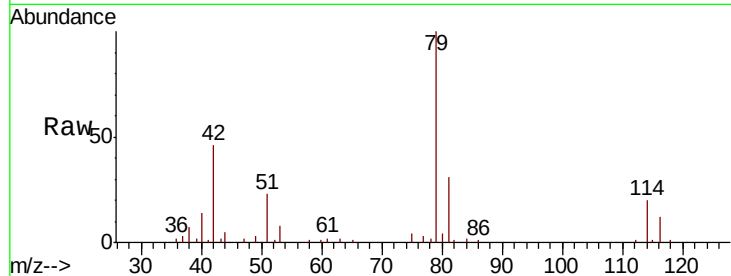
VHBLK01

Tot Ion: 75 Resp: 1629

Ion Ratio Lower Upper

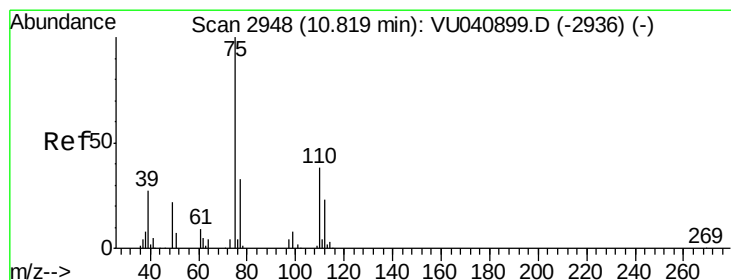
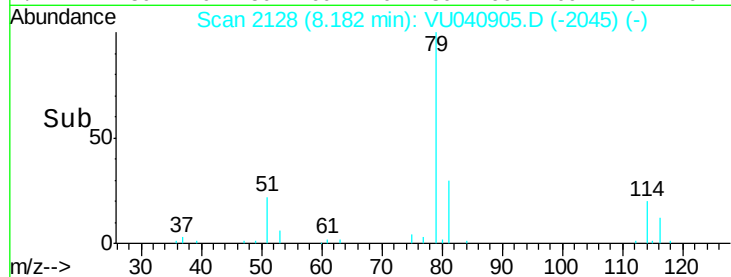
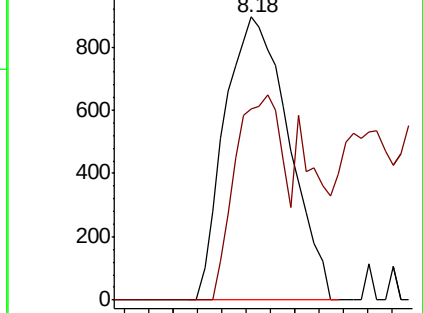
75 100

77 67.7 22.6 42.0#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 1.049 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU040905.D

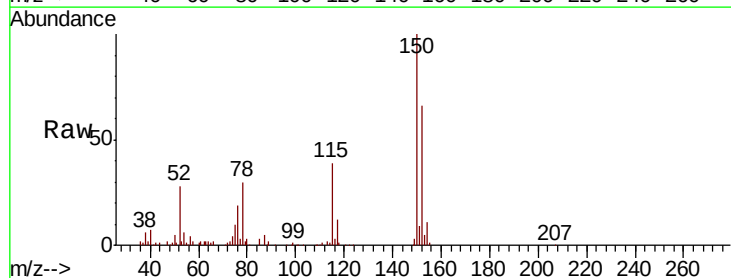
Acq: 22 Oct 2020 14:31

Tgt Ion: 75 Resp: 13001

Ion Ratio Lower Upper

75 100

77 37.2 27.5 41.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

