

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100120\
 Data File : VU040423.D
 Acq On : 01 Oct 2020 14:36
 Operator : SY/MD
 Sample : L4164-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Oct 02 03:22:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 03:13:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	118493	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	123809	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52828	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	21046	3.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.80%
7) Chloroethane-d5	1.92	69	25518	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.58	63	30061	2.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	42.60%#
20) 2-Butanone-d5	4.65	46	197416	67.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.50%#
24) Chloroform-d	5.08	84	65067	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.72	65	45155	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.74	84	96806	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.80%
36) 1,2-Dichloropropane-d6	6.70	67	43007	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.91	98	64111	2.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	59.20%#
43) trans-1,3-Dichloropropene-	8.19	79	14625	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.64	63	132004	60.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.80%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49046	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	38447	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

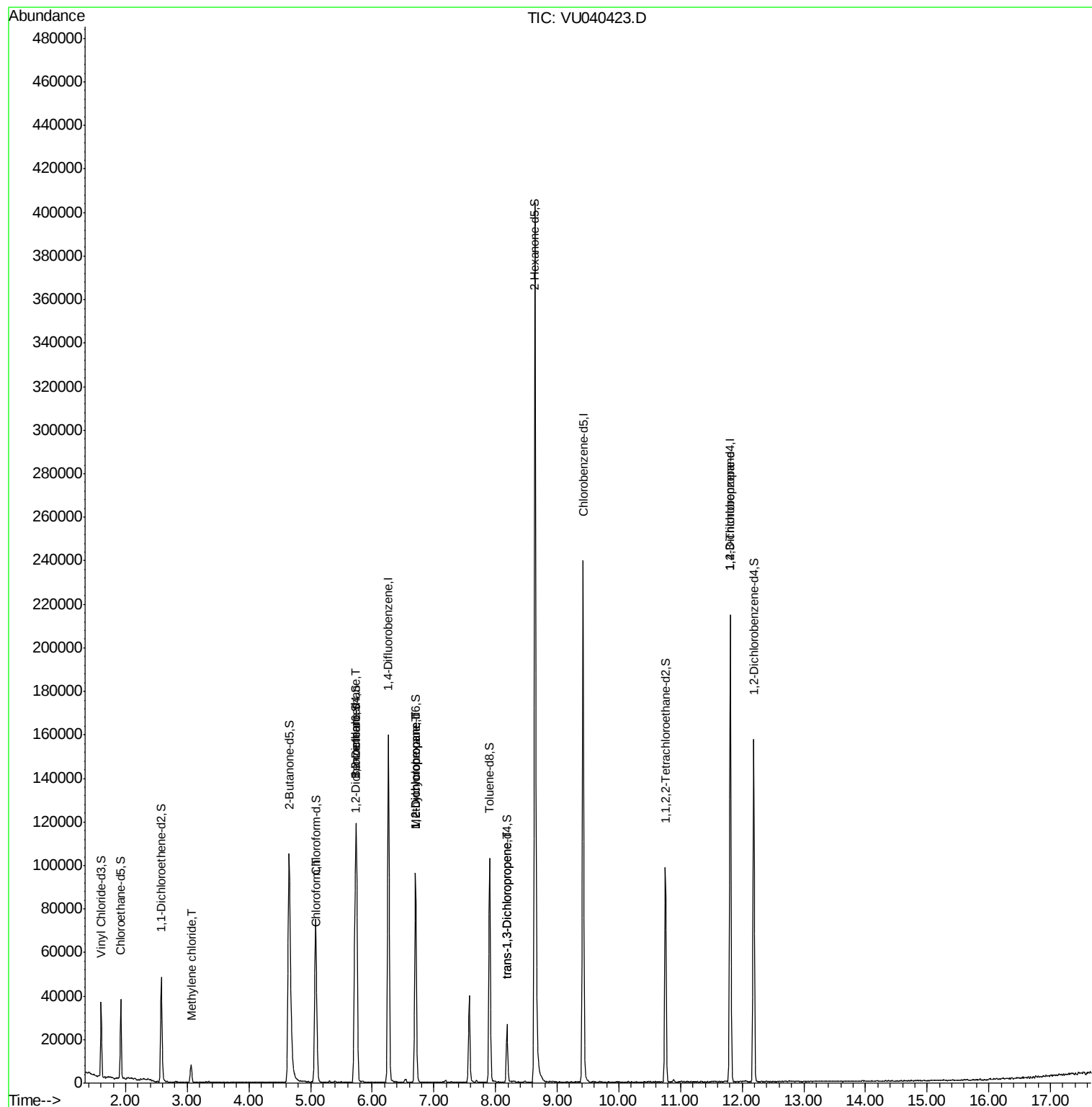
					Ovalue
16) Methylene chloride	3.06	84	3275	0.289 ug/L	96
25) Chloroform	5.11	83	3993	0.204 ug/L	89
27) 1,2-Dichloroethane	5.75	62	576	0.043 ug/L #	74
35) Methylcyclohexane	6.70	83	9887	0.612 ug/L #	13
37) 1,2-Dichloropropane	6.70	63	4733	0.409 ug/L #	88
44) trans-1,3-Dichloropropene	8.18	75	599	0.042 ug/L #	62
59) 1,2,3-Trichloropropane	11.81	75	6830	0.815 ug/L #	83

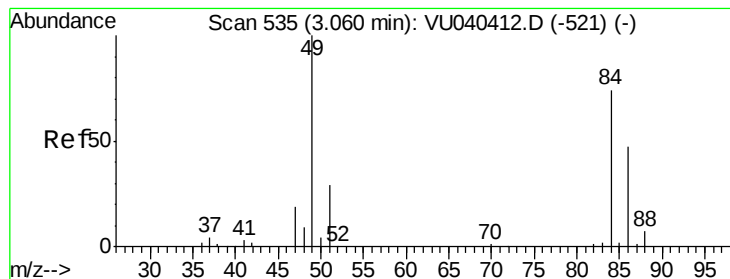
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 02 03:13:35 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.289 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU040423.D

Acq: 01 Oct 2020 14:36

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MSVOA_U

ClientSampleId :

VHBLK01

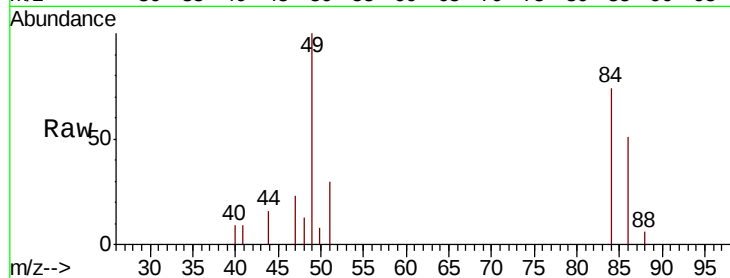
Tot Ion: 84 Resp: 3275

Ion Ratio Lower Upper

84 100

86 68.3 44.4 82.5

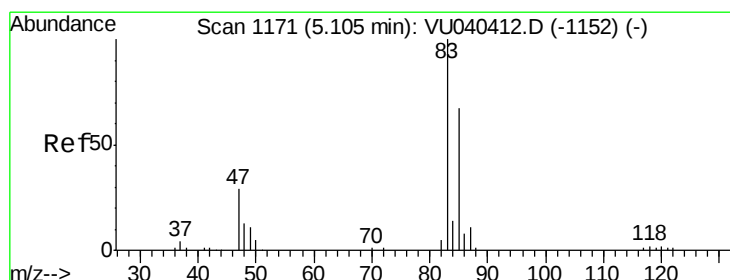
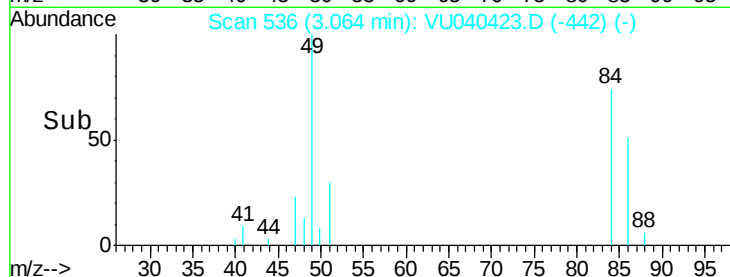
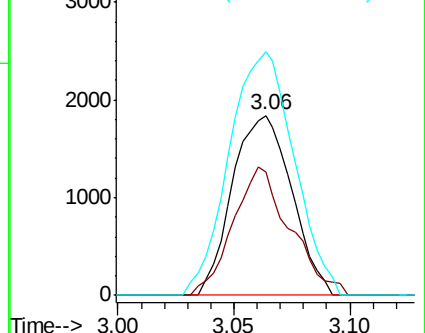
49 135.2 92.2 171.2



Abundance Ion 84.05 (83.75 to 84.75): VU040423.D (-1078) (-)

Ion 86.00 (85.70 to 86.70): VU040423.D (-1078) (-)

Ion 49.10 (48.80 to 49.80): VU040423.D (-1078) (-)



#25

Chloroform

Concen: 0.204 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU040423.D

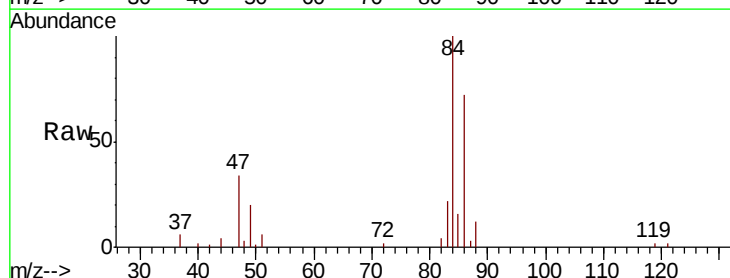
Acq: 01 Oct 2020 14:36

Tgt Ion: 83 Resp: 3993

Ion Ratio Lower Upper

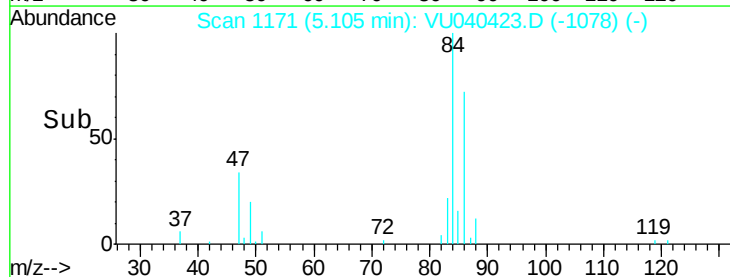
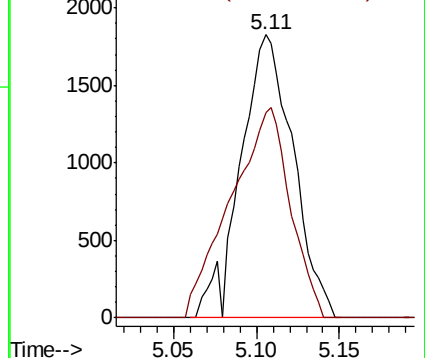
83 100

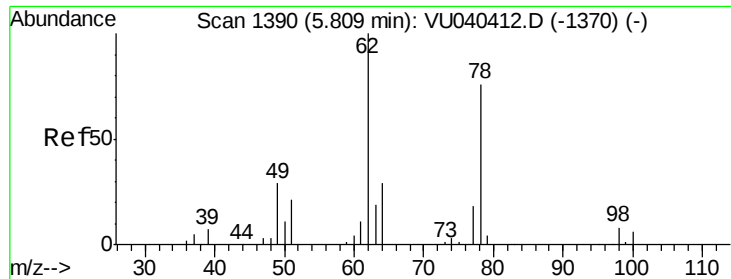
85 72.4 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU040423.D (-1078) (-)

Ion 85.00 (84.70 to 85.70): VU040423.D (-1078) (-)

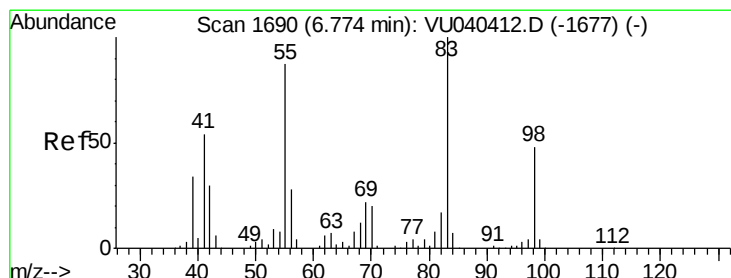
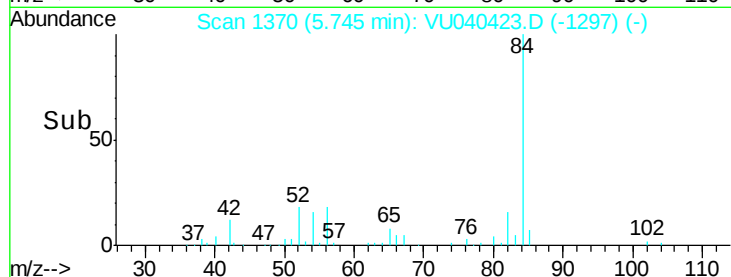
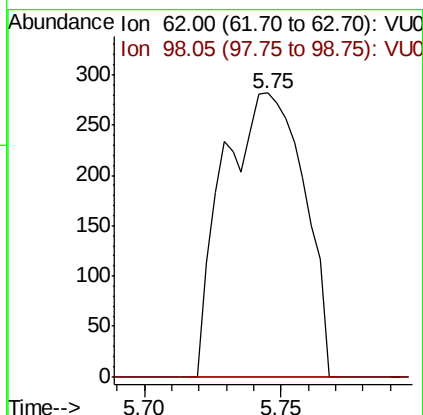
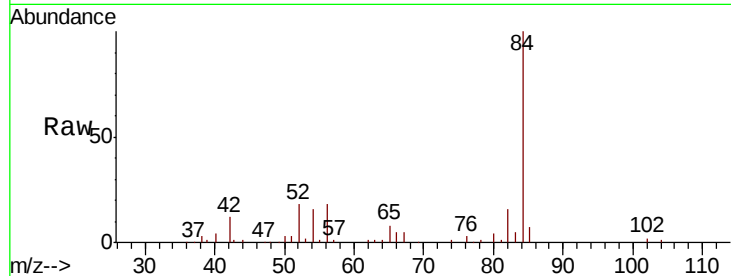




#27
 1,2-Dichloroethane
 Concen: 0.043 ug/L
 RT: 5.75 min Scan# 1370
 Delta R.T. -0.06 min
 Lab File: VU040423.D
 Acq: 01 Oct 2020 14:36

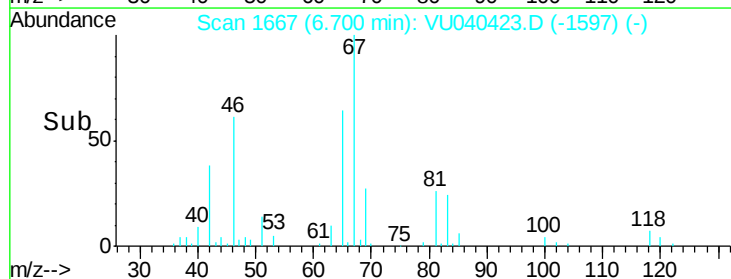
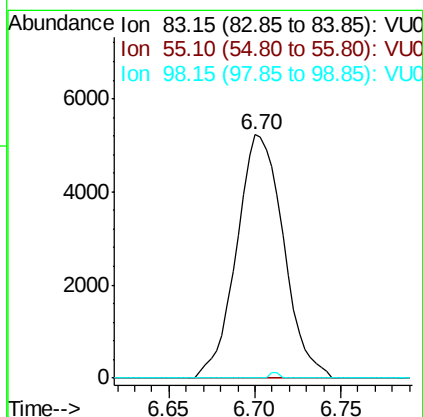
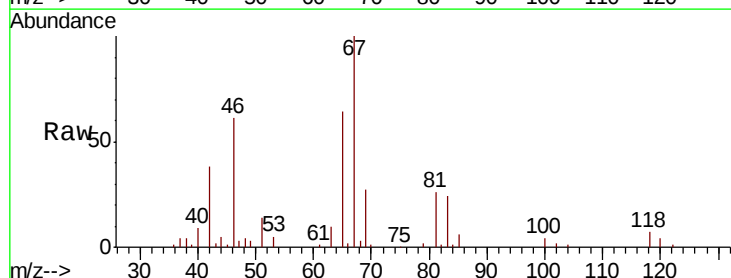
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

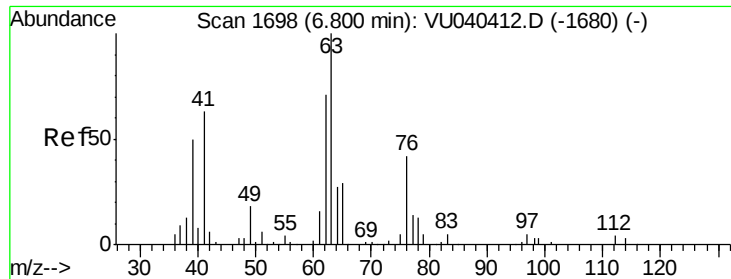
Tot Ion: 62 Resp: 576
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.5 11.3#



#35
 Methylcyclohexane
 Concen: 0.612 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.07 min
 Lab File: VU040423.D
 Acq: 01 Oct 2020 14:36

Tgt Ion: 83 Resp: 9887
 Ion Ratio Lower Upper
 83 100
 55 0.0 71.4 107.2#
 98 0.4 38.5 57.7#

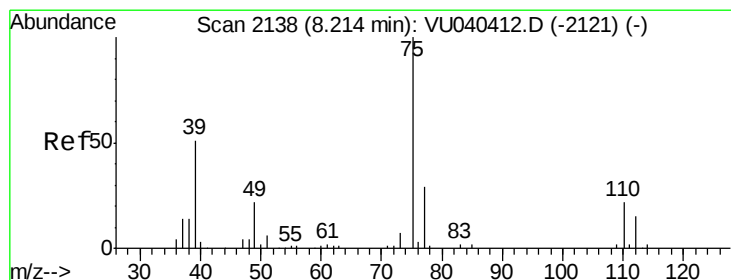
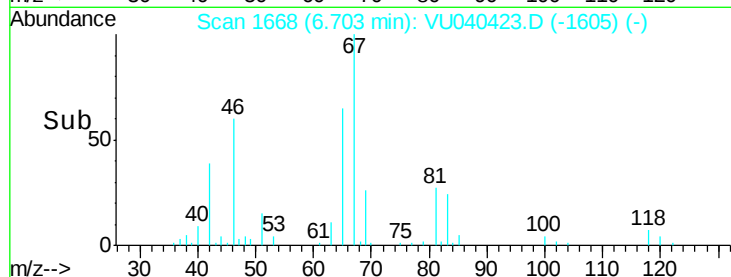
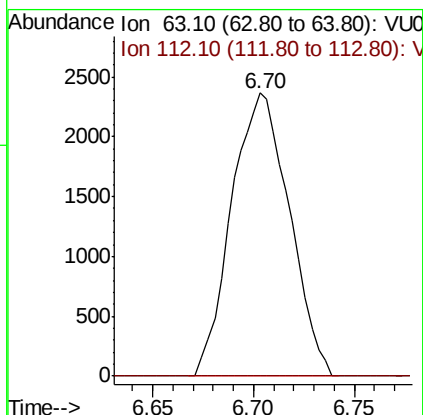
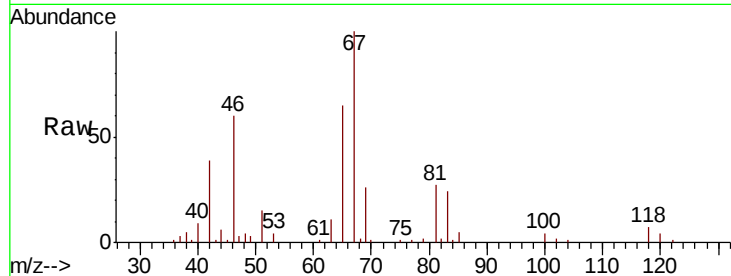




#37
 1,2-Dichloropropane
 Concen: 0.409 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040423.D
 Acq: 01 Oct 2020 14:36

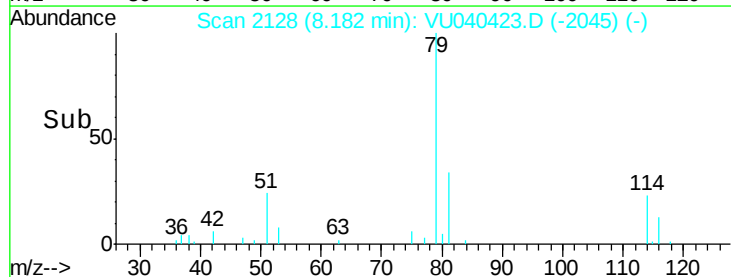
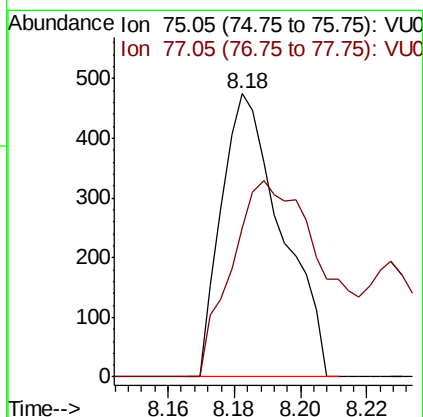
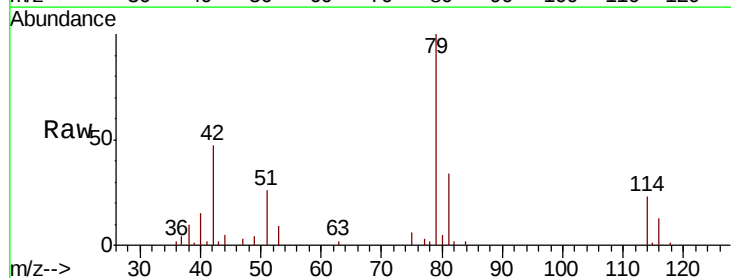
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

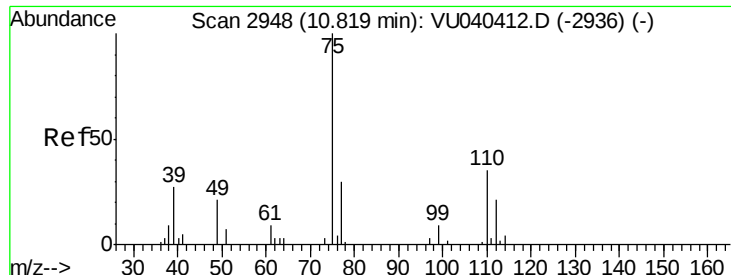
Tot Ion: 63 Resp: 4733
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.042 ug/L
 RT: 8.18 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: VU040423.D
 Acq: 01 Oct 2020 14:36

Tgt Ion: 75 Resp: 599
 Ion Ratio Lower Upper
 75 100
 77 52.7 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 0.815 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040423.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

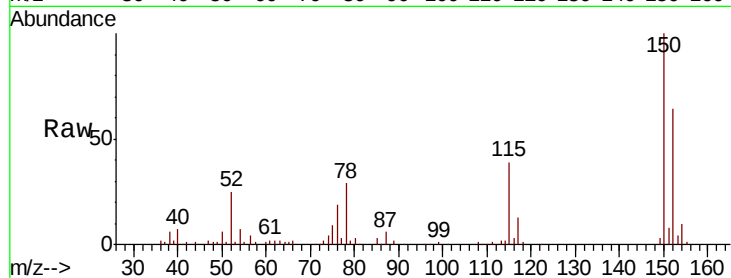
VHBLK01

Tot Ion: 75 Resp: 6830

Ion Ratio Lower Upper

75 100

77 41.4 25.7 38.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

