

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092920\
 Data File : VU040357.D
 Acq On : 29 Sep 2020 14:32
 Operator : SY/MD
 Sample : L4109-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Quant Time: Sep 30 01:51:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 01:43:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	137127	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	137088	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	61458	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	32062	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.92	69	30351	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.58	63	52321	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	4.65	46	176359	52.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.60%
24) Chloroform-d	5.08	84	81358	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.72	65	51186	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.75	84	141688	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.70	67	51231	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.91	98	117044	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	8.19	79	20256	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.64	63	126542	52.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.58%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49365	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	52077	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

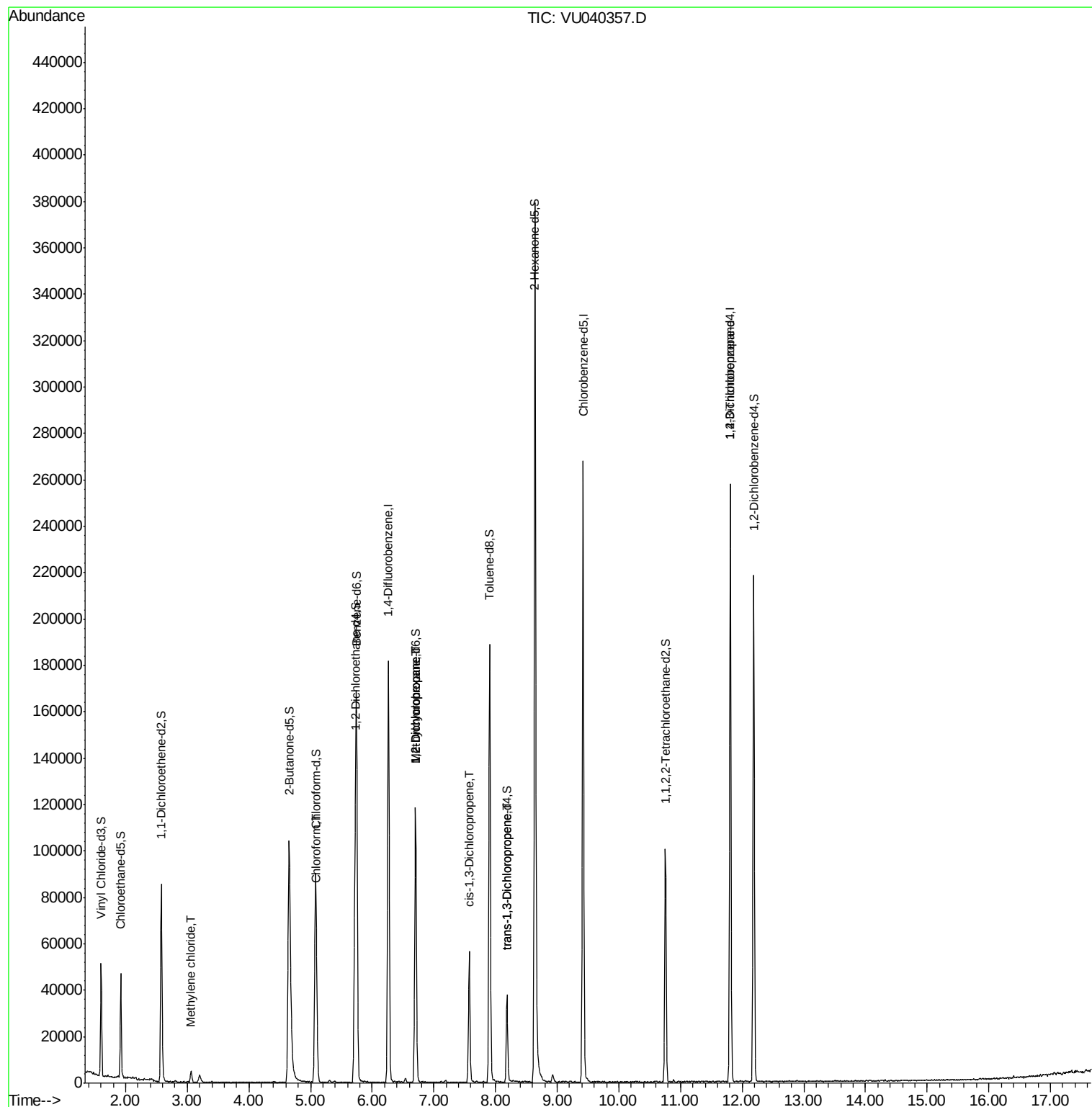
					Ovalue
16) Methylene chloride	3.06	84	2149	0.164 ug/L	95
25) Chloroform	5.11	83	4786	0.212 ug/L	100
35) Methylcyclohexane	6.70	83	11847	0.662 ug/L #	13
37) 1,2-Dichloropropane	6.70	63	5966	0.466 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1363	0.079 ug/L #	82
44) trans-1,3-Dichloropropene	8.19	75	973	0.061 ug/L #	65
59) 1,2,3-Trichloropropane	11.81	75	8706	0.938 ug/L	95

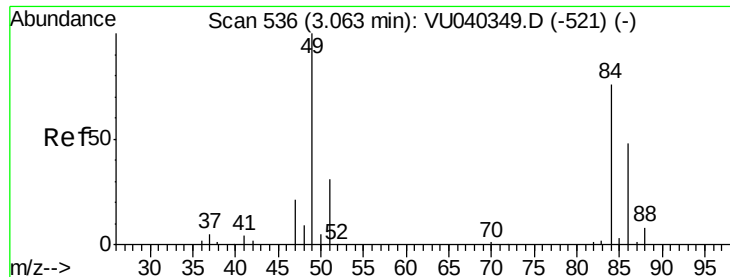
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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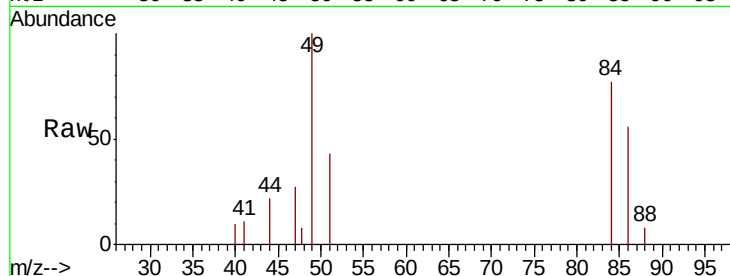




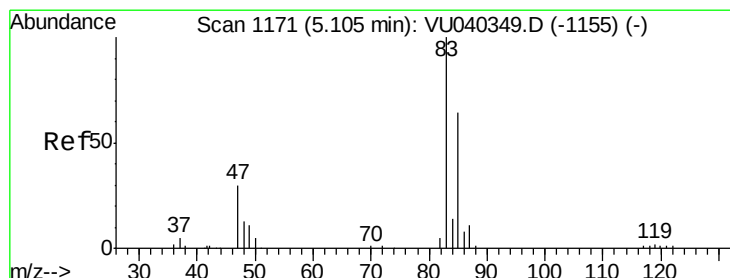
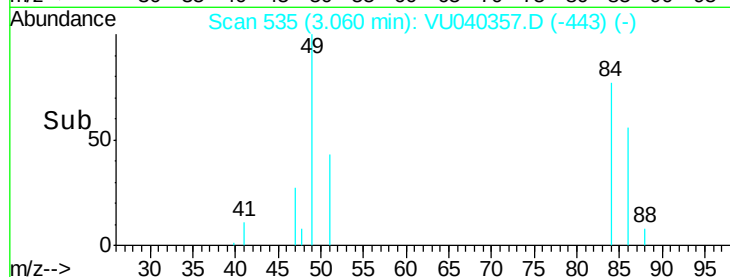
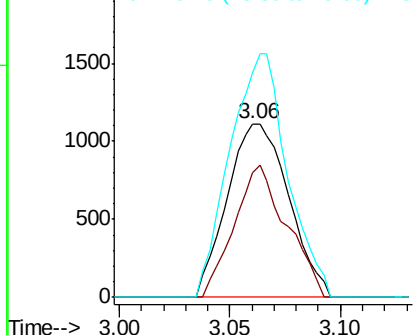
#16
Methylene chloride
Concen: 0.164 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU040357.D
Acq: 29 Sep 2020 14:32

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Tot Ion: 84 Resp: 2149
Ion Ratio Lower Upper
84 100
86 72.1 44.4 82.5
49 129.2 92.2 171.2

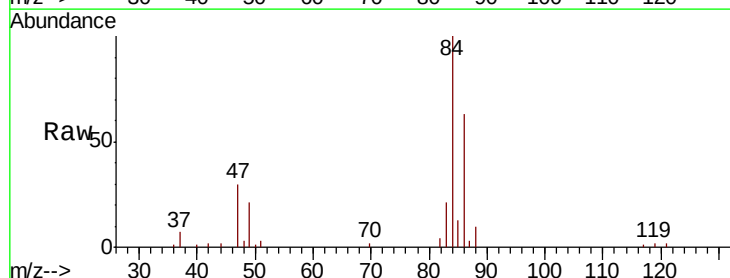


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

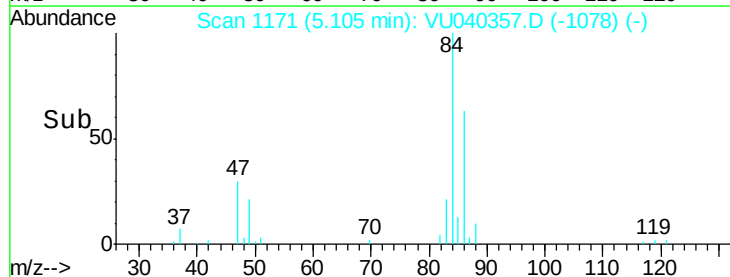
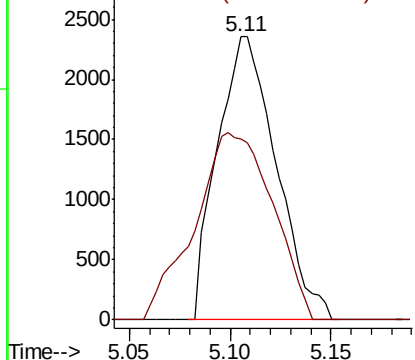


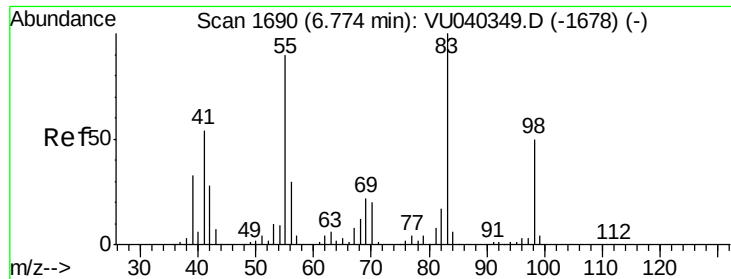
#25
Chloroform
Concen: 0.212 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040357.D
Acq: 29 Sep 2020 14:32

Tgt Ion: 83 Resp: 4786
Ion Ratio Lower Upper
83 100
85 64.0 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

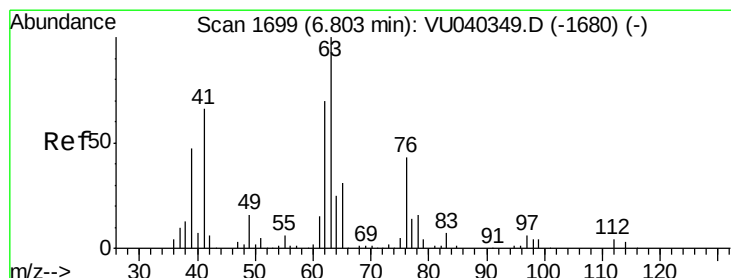
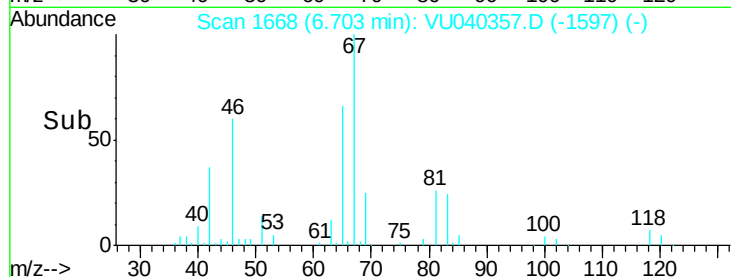
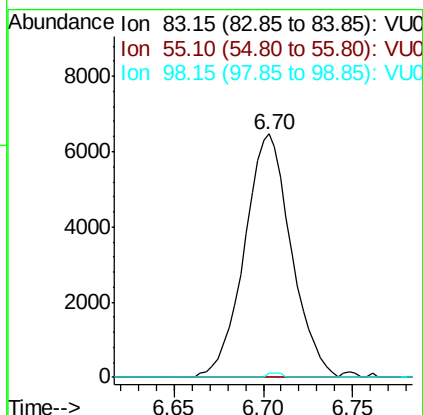
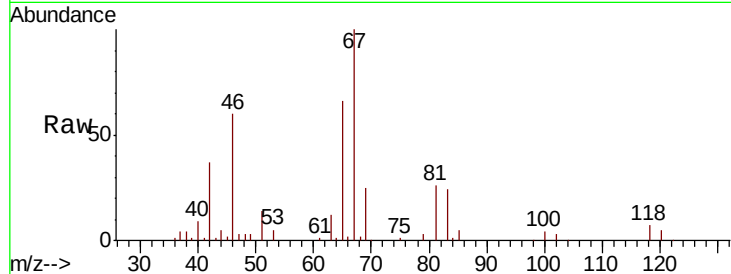




#35
Methylvlcyclohexane
Concen: 0.662 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040357.D
Acq: 29 Sep 2020 14:32

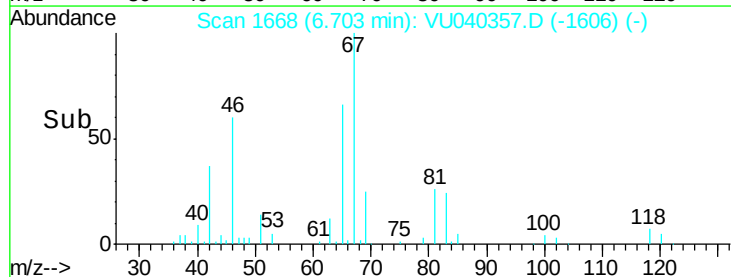
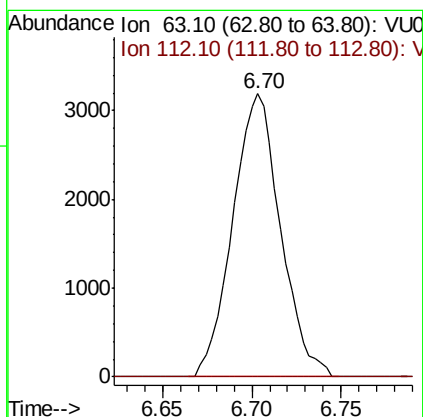
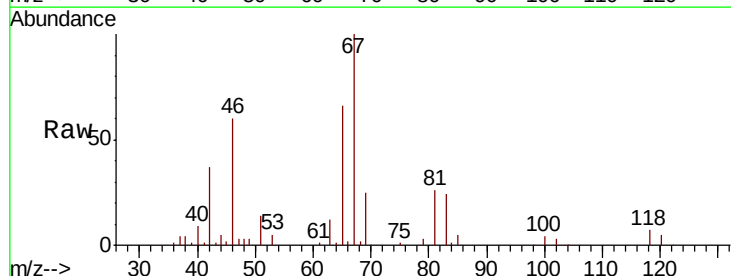
Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

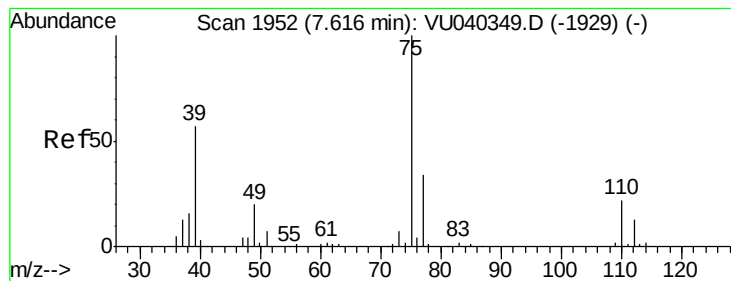
Tot Ion: 83 Resp: 11847
Ion Ratio Lower Upper
83 100
55 0.0 71.4 107.2#
98 0.6 38.5 57.7#



#37
1,2-Dichloropropane
Concen: 0.466 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040357.D
Acq: 29 Sep 2020 14:32

Tgt Ion: 63 Resp: 5966
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 7.57 min Scan# 1938

Delta R.T. -0.04 min

Lab File: VU040357.D

Acq: 29 Sep 2020 14:32

Instrument :

MSVOA_U

ClientSampleId :

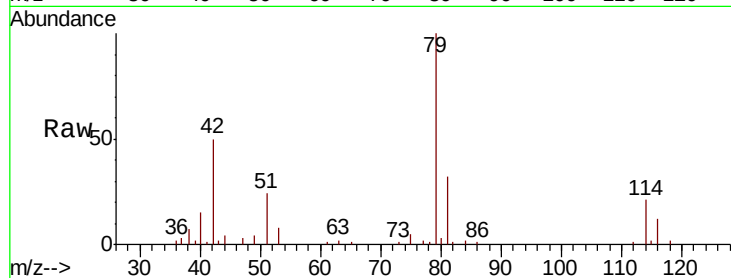
VHBLK02

Tot Ion: 75 Resp: 1363

Ion Ratio Lower Upper

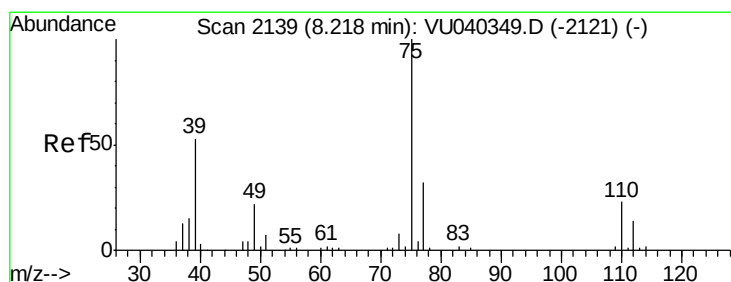
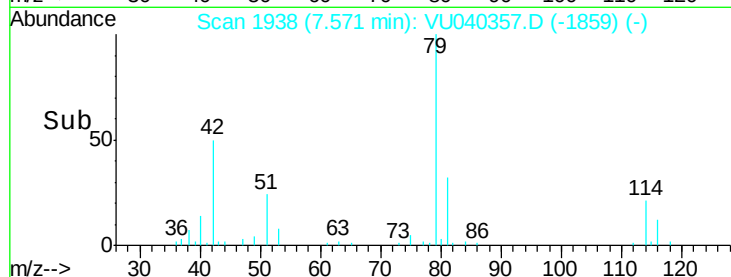
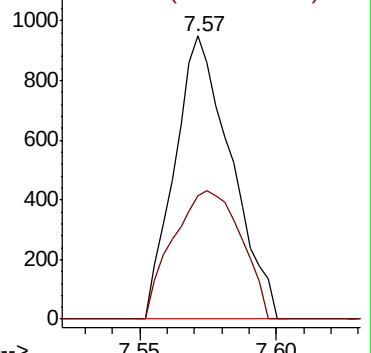
75 100

77 43.8 23.5 43.7#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.061 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040357.D

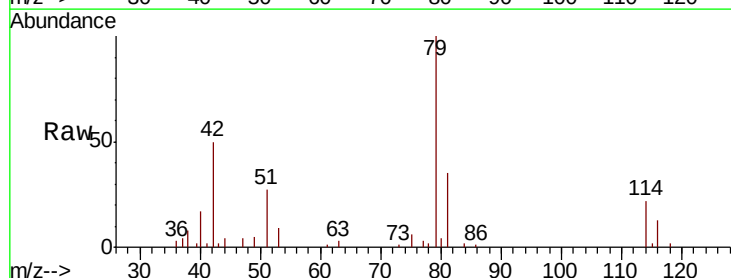
Acq: 29 Sep 2020 14:32

Tgt Ion: 75 Resp: 973

Ion Ratio Lower Upper

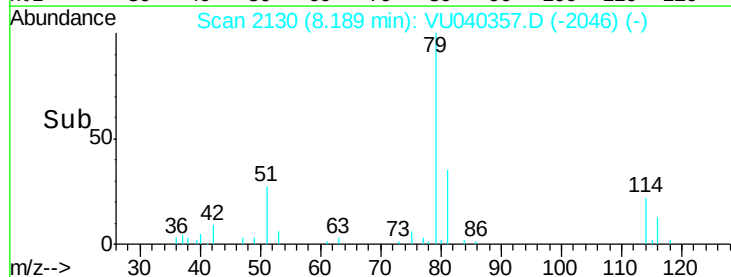
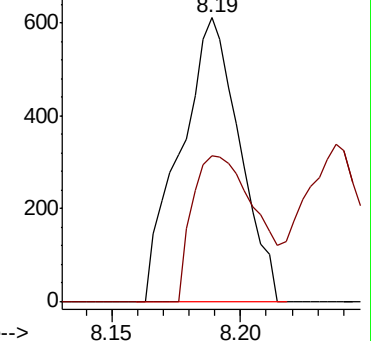
75 100

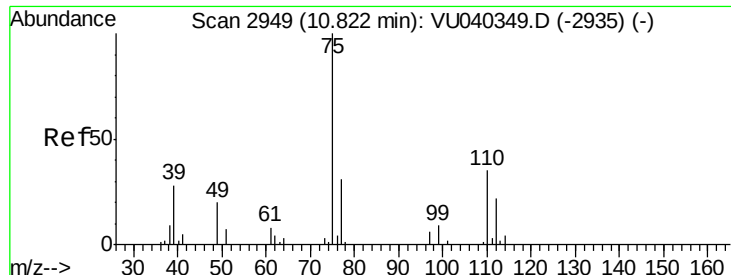
77 51.1 22.3 41.3#



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: 0.938 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040357.D

Acq: 29 Sep 2020 14:32

Instrument :

MSVOA_U

ClientSampleId :

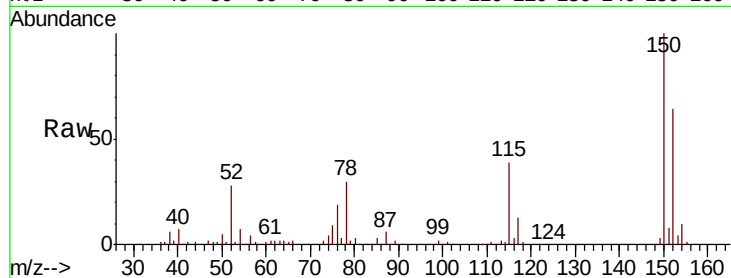
VHBLK02

Tot Ion: 75 Resp: 8706

Ion Ratio Lower Upper

75 100

77 34.9 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

