

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091020\
 Data File : VU040083.D
 Acq On : 10 Sep 2020 16:04
 Operator : SY/MD
 Sample : L3950-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Quant Time: Sep 11 01:57:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 11 01:49:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	100127	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	103059	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	44825	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29879	5.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.40%
7) Chloroethane-d5	1.92	69	25035	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.00%
11) 1,1-Dichloroethene-d2	2.58	63	48644	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.65	46	94835	43.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.74%
24) Chloroform-d	5.09	84	54956	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	5.72	65	35607	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	5.75	84	107200	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.70	67	35937	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.91	98	87672	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	8.19	79	14397	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.64	63	69650	40.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.72%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	30357	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	33284	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds

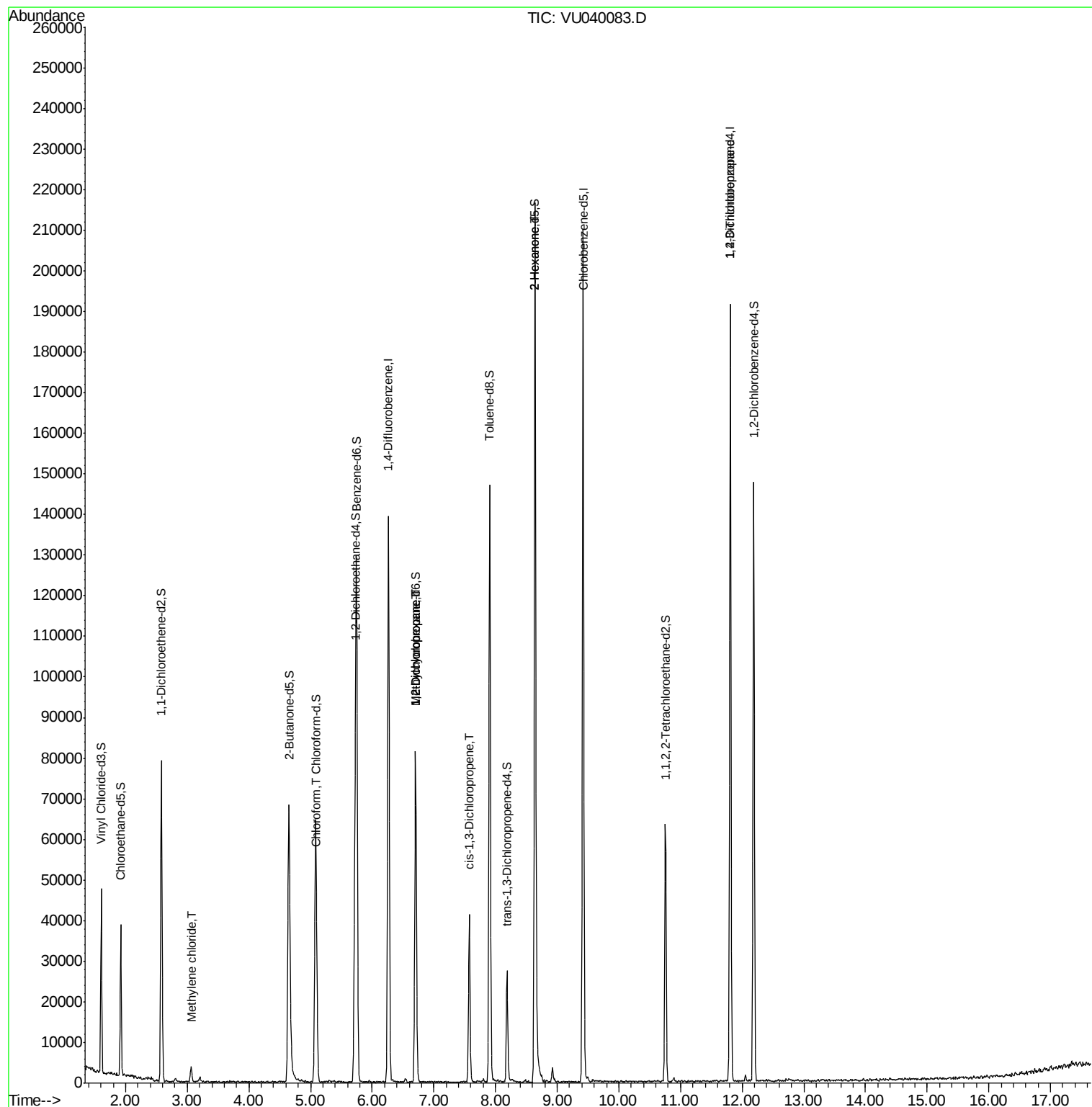
					Ovalue
16) Methylene chloride	3.07	84	1912	0.188 ug/L	83
25) Chloroform	5.11	83	2917	0.166 ug/L	84
35) Methylcyclohexane	6.71	83	8233	0.544 ug/L #	14
37) 1,2-Dichloropropane	6.71	63	4399	0.441 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1219	0.083 ug/L #	66
48) 2-Hexanone	8.64	43	9746	1.631 ug/L #	71
59) 1,2,3-Trichloropropane	11.81	75	7141	0.965 ug/L #	88

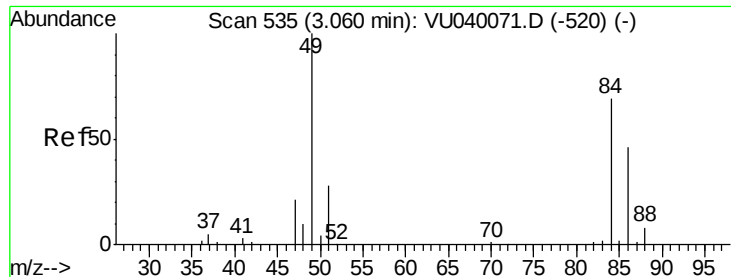
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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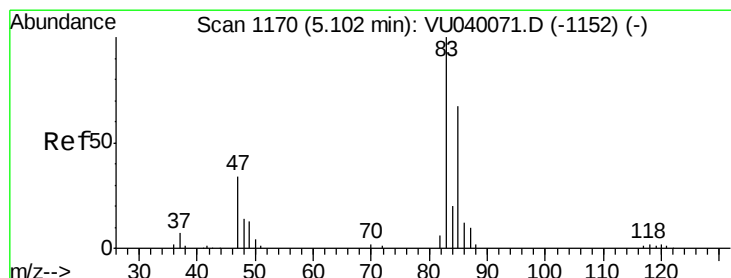
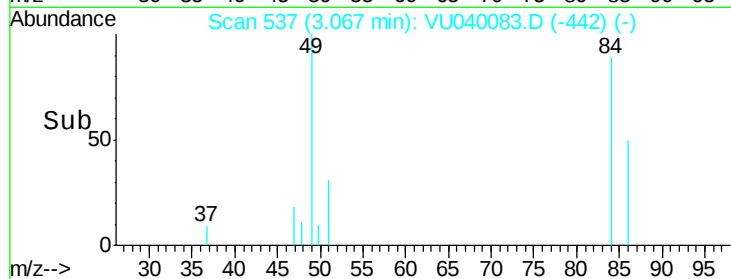
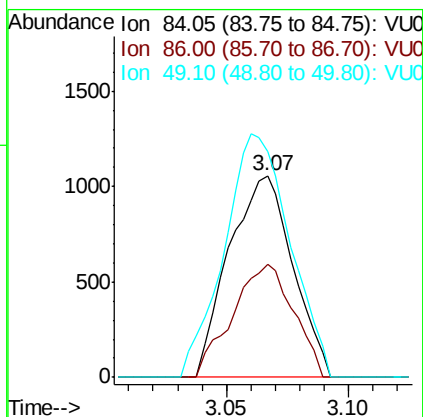
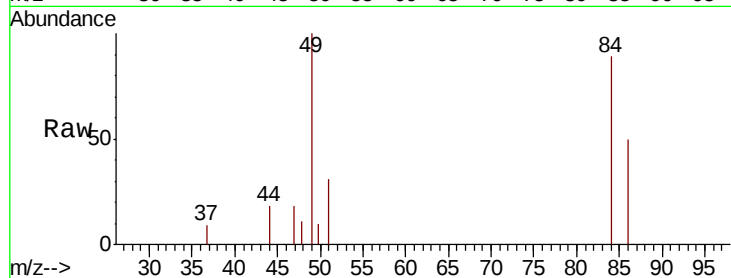




#16
Methvlene chloride
Concen: 0.188 ug/L
RT: 3.07 min Scan# 537
Delta R.T. 0.01 min
Lab File: VU040083.D
Acq: 10 Sep 2020 16:04

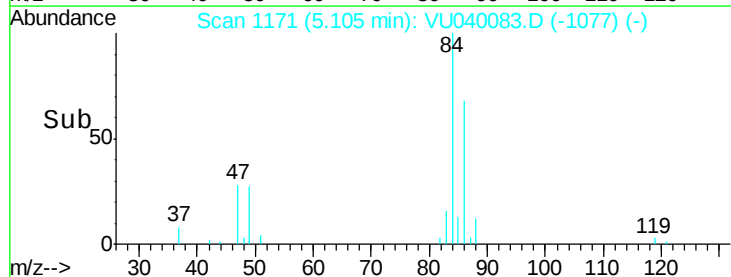
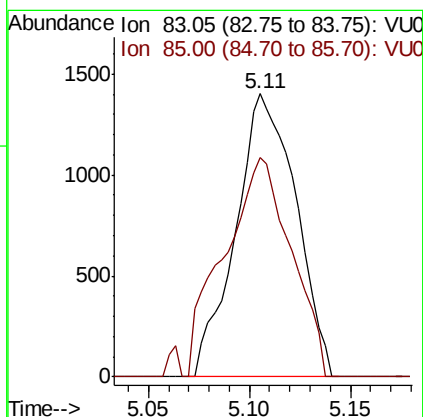
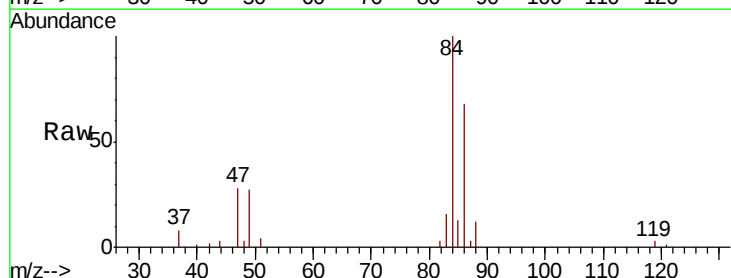
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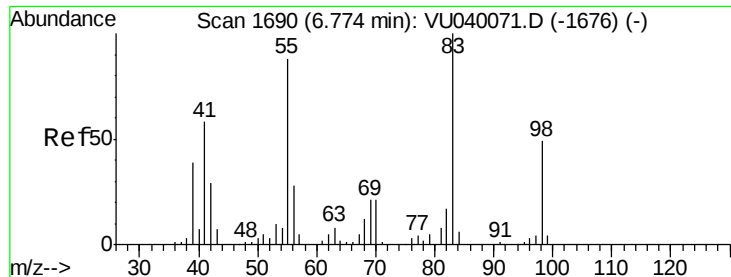
Tot Ion: 84 Resp: 1912
Ion Ratio Lower Upper
84 100
86 55.9 45.2 84.0
49 123.3 104.0 193.2



#25
Chloroform
Concen: 0.166 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040083.D
Acq: 10 Sep 2020 16:04

Tgt Ion: 83 Resp: 2917
Ion Ratio Lower Upper
83 100
85 77.5 45.3 84.1

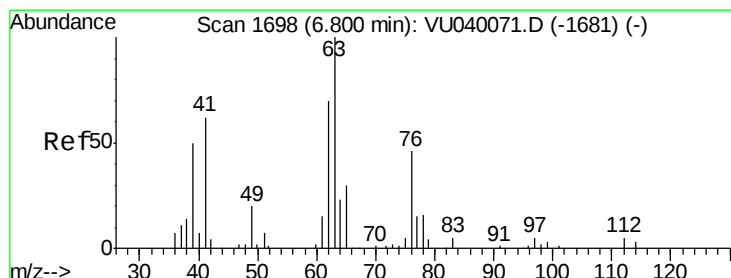
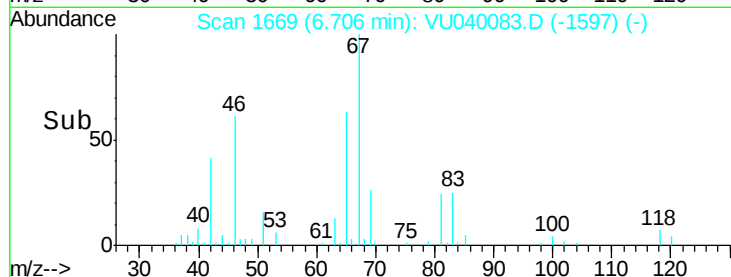
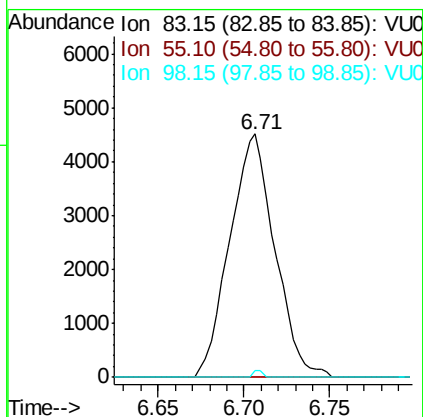
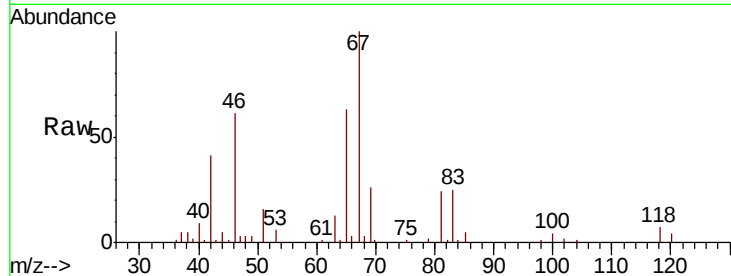




#35
Methvlcvclohexane
Concen: 0.544 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU040083.D
Acq: 10 Sep 2020 16:04

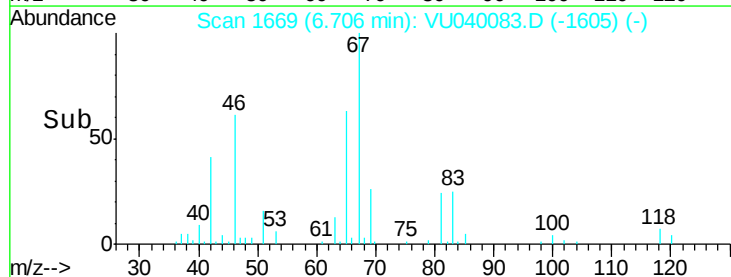
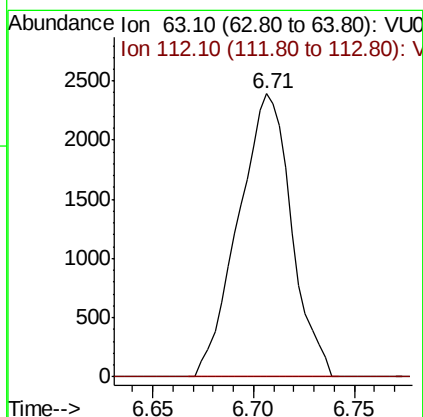
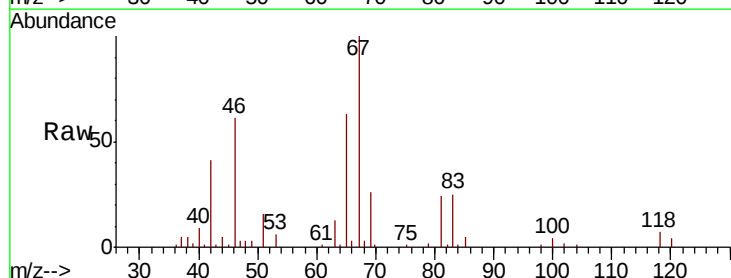
Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

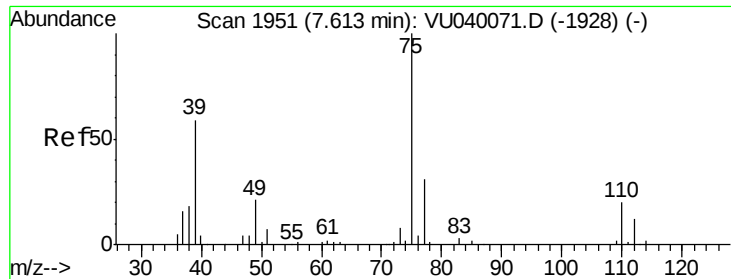
Tot Ion: 83 Resp: 8233
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.6 37.8 56.6#



#37
1,2-Dichloropropane
Concen: 0.441 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU040083.D
Acq: 10 Sep 2020 16:04

Tgt Ion: 63 Resp: 4399
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

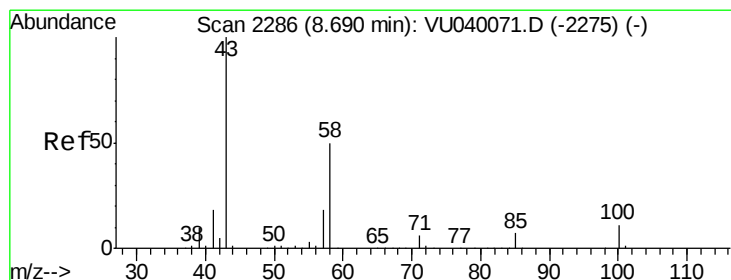
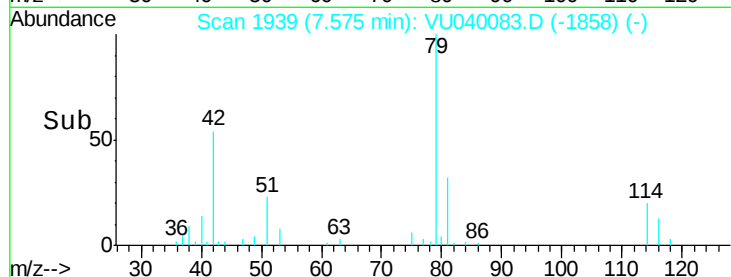
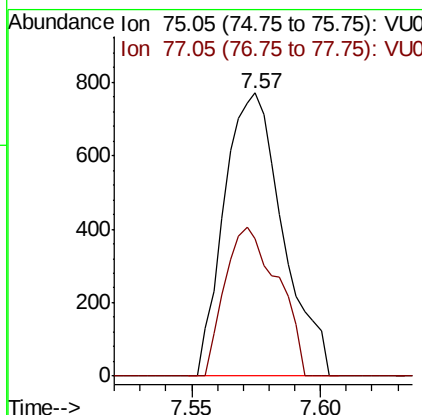
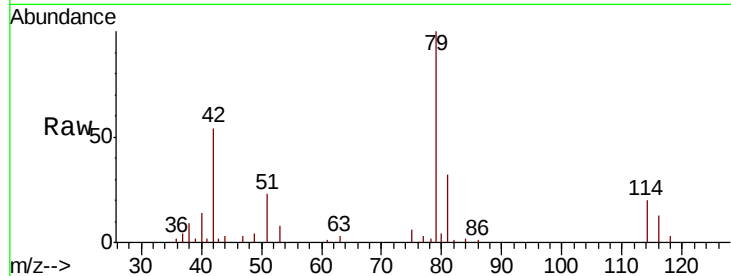




#39
 cis-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040083.D
 Acq: 10 Sep 2020 16:04

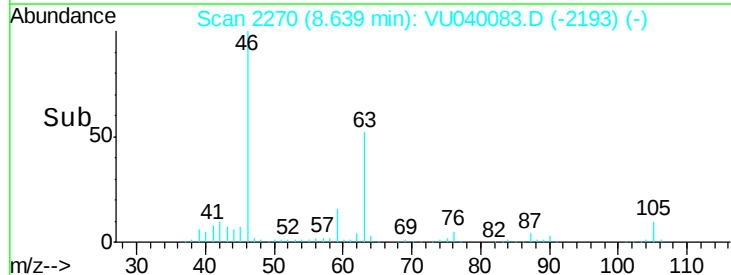
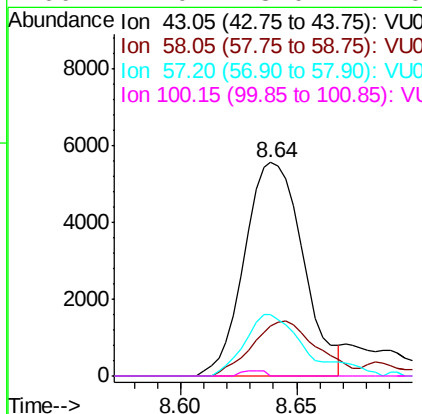
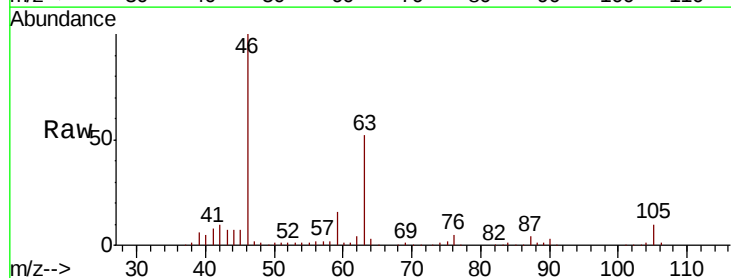
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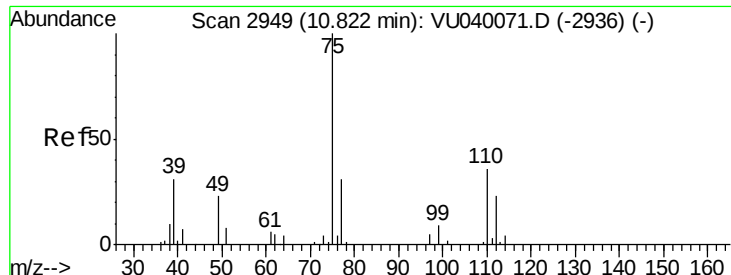
Tot Ion: 75 Resp: 1219
 Ion Ratio Lower Upper
 75 100
 77 48.4 21.1 39.3#



#48
 2-Hexanone
 Concen: 1.631 ug/L
 RT: 8.64 min Scan# 2270
 Delta R.T. -0.05 min
 Lab File: VU040083.D
 Acq: 10 Sep 2020 16:04

Tgt Ion: 43 Resp: 9746
 Ion Ratio Lower Upper
 43 100
 58 28.4 39.6 59.4#
 57 30.2 14.3 21.5#
 100 1.0 8.0 12.0#





#59

1,2,3-Trichloropropane

Concen: 0.965 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040083.D

Acq: 10 Sep 2020 16:04

Instrument :

MSVOA_U

ClientSampleId :

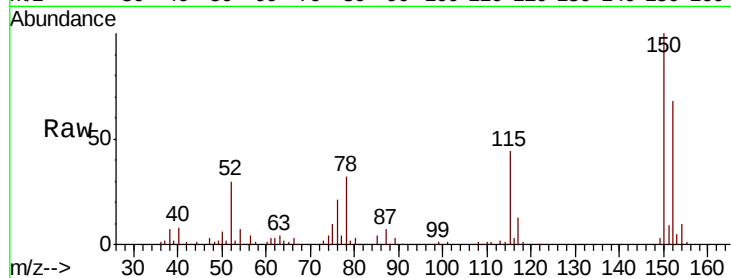
VHBLK02

Tot Ion: 75 Resp: 7141

Ion Ratio Lower Upper

75 100

77 38.0 24.9 37.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

