

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U091020\
 Data File : VU040076.D
 Acq On : 10 Sep 2020 13:21
 Operator : SY/MD
 Sample : L3950-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFWT0

Quant Time: Sep 11 01:56:40 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	104436	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	106362	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47931	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30957	5.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.60%
7) Chloroethane-d5	1.92	69	25220	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.58	63	50647	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.65	46	96345	42.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.48%
24) Chloroform-d	5.08	84	59129	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.72	65	36660	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
32) Benzene-d6	5.75	84	112611	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.70	67	35672	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.20%
41) Toluene-d8	7.91	98	89778	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	8.19	79	15006	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.64	63	71258	40.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.02%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29558	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	35502	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

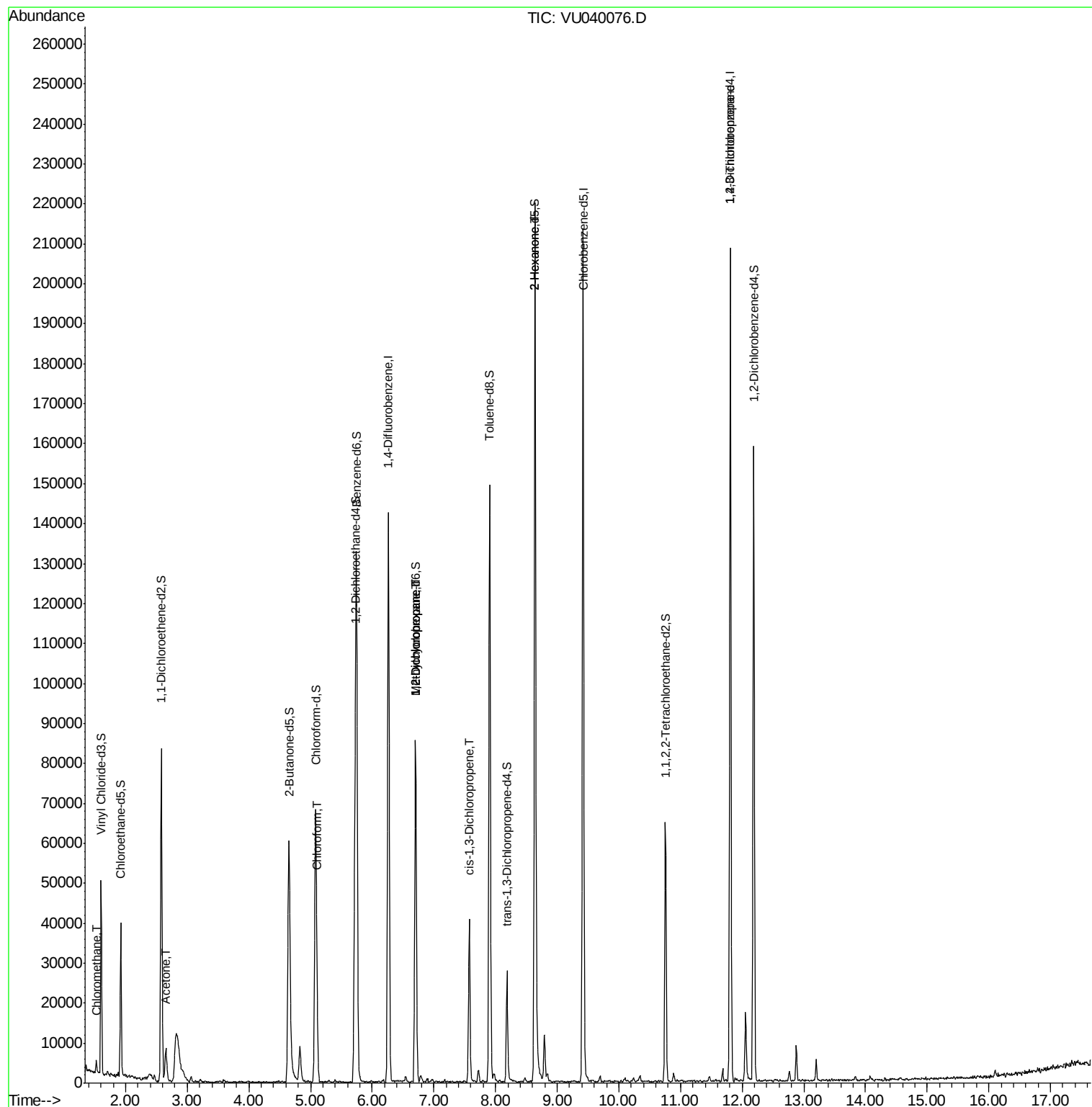
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	2609	0.263	ug/L	99
13) Acetone	2.65	43	12001	5.684	ug/L	93
25) Chloroform	5.11	83	5918	0.323	ug/L	99
35) Methylcyclohexane	6.70	83	8648	0.553	ug/L #	15
37) 1,2-Dichloropropane	6.71	63	4313	0.419	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1145	0.075	ug/L #	77
48) 2-Hexanone	8.64	43	10449	1.695	ug/L #	71
59) 1,2,3-Trichloropropane	11.81	75	8319	1.090	ug/L #	88

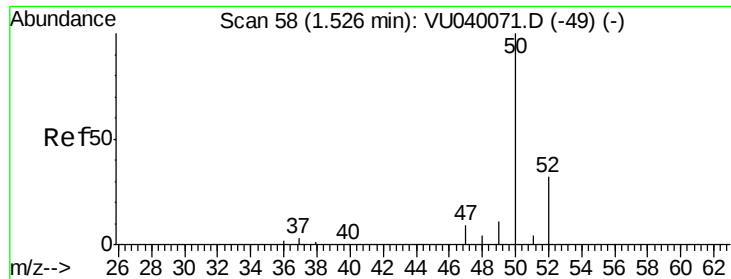
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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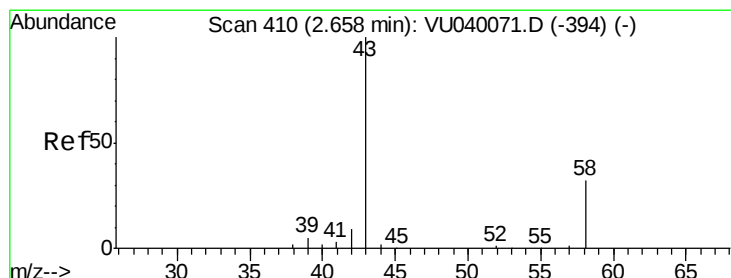
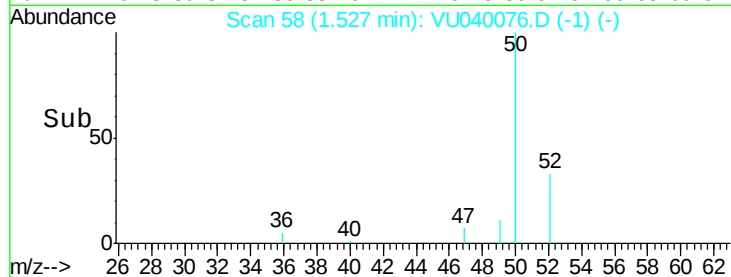
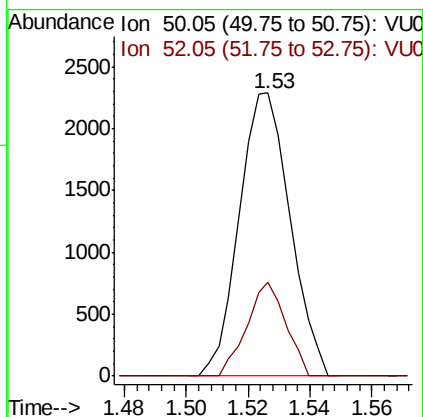
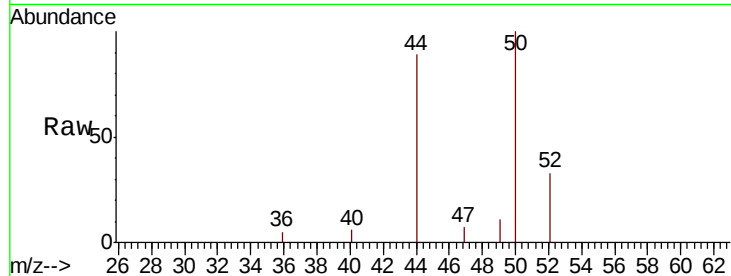




#3
 Chloromethane
 Concen: 0.263 ug/L
 RT: 1.53 min Scan# 58
 Delta R.T. 0.00 min
 Lab File: VU040076.D
 Acq: 10 Sep 2020 13:21

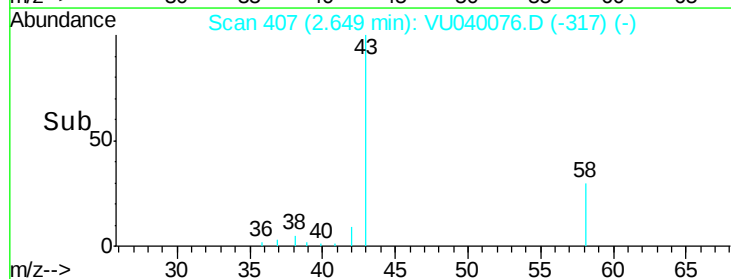
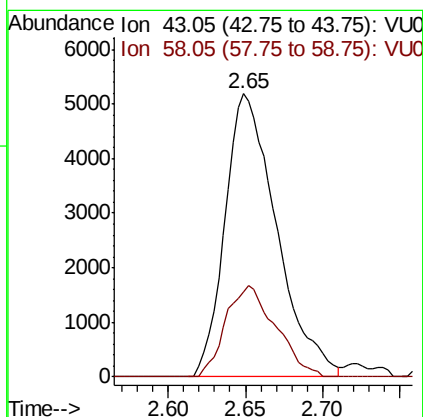
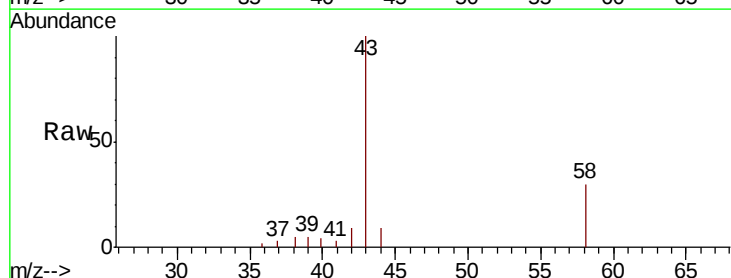
Instrument :
 MSVOA_U
 ClientSampleId :
 BFWT0

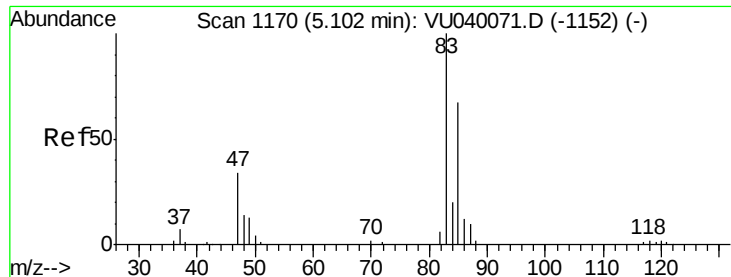
Tot Ion: 50 Resp: 2609
 Ion Ratio Lower Upper
 50 100
 52 33.4 22.8 42.4



#13
 Acetone
 Concen: 5.684 ug/L
 RT: 2.65 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VU040076.D
 Acq: 10 Sep 2020 13:21

Tgt Ion: 43 Resp: 12001
 Ion Ratio Lower Upper
 43 100
 58 31.2 0.0 55.4

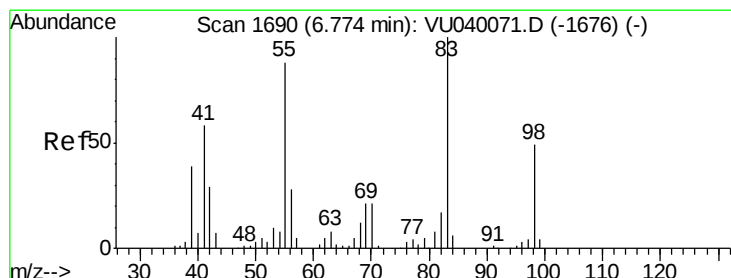
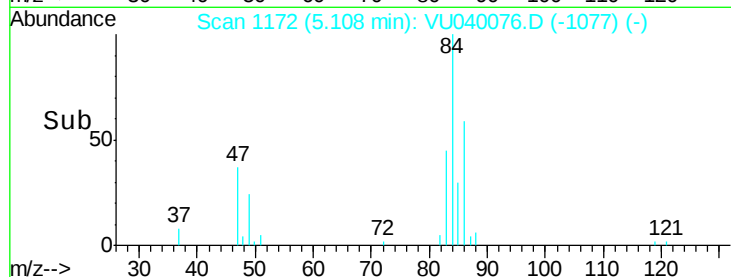
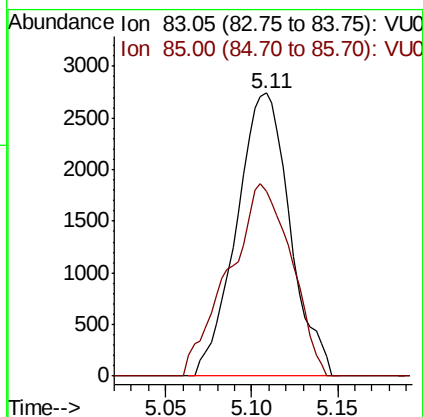
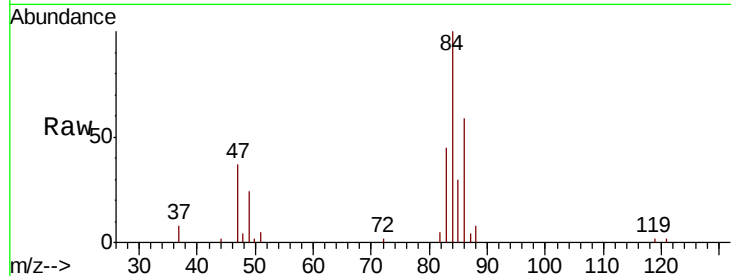




#25
Chloroform
Concen: 0.323 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.01 min
Lab File: VU040076.D
Acq: 10 Sep 2020 13:21

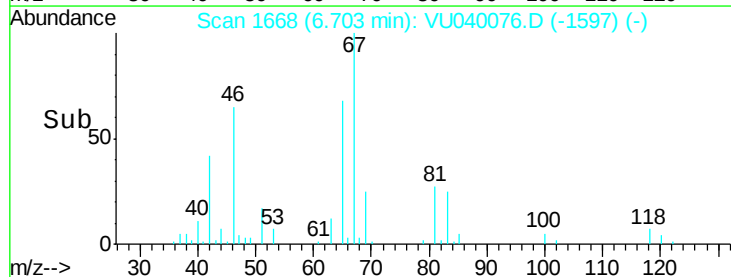
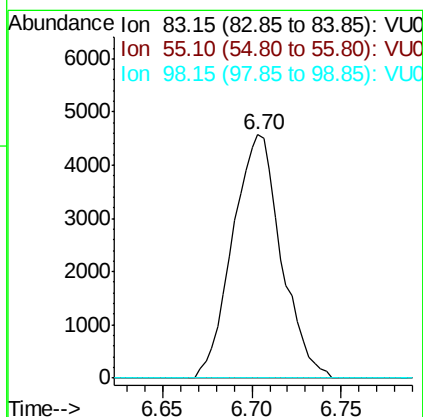
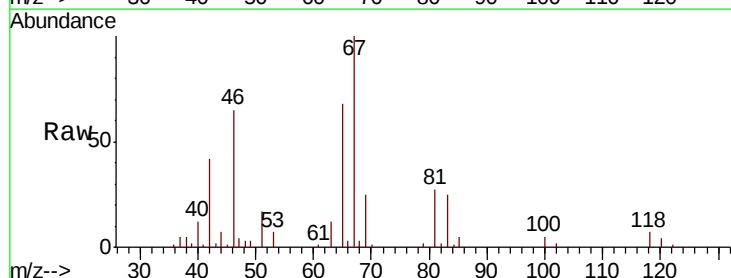
Instrument :
MSVOA_U
ClientSampleId :
BFWT0

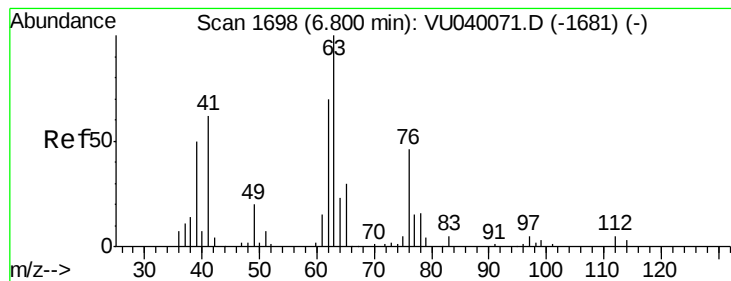
Tot Ion: 83 Resp: 5918
Ion Ratio Lower Upper
83 100
85 65.2 45.3 84.1



#35
Methylcyclohexane
Concen: 0.553 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040076.D
Acq: 10 Sep 2020 13:21

Tgt Ion: 83 Resp: 8648
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 2.9 37.8 56.6#





#37

1,2-Dichloropropane

Concen: 0.419 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.09 min

Lab File: VU040076.D

Acq: 10 Sep 2020 13:21

Instrument :

MSVOA_U

ClientSampleId :

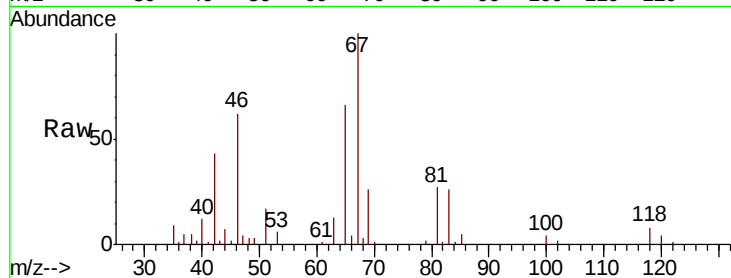
BFWT0

Tot Ion: 63 Resp: 4313

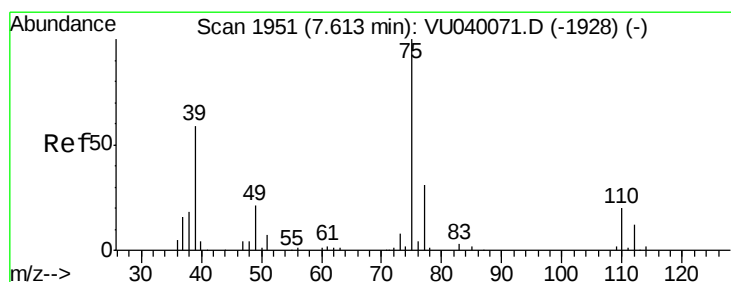
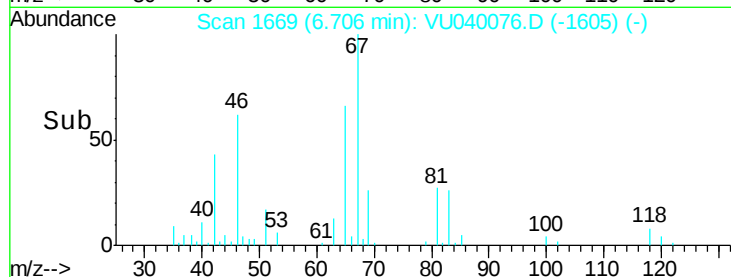
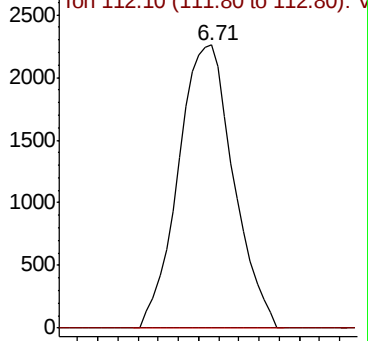
Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



Abundance Ion 63.10 (62.80 to 63.80): VU040071.D (-1681) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 7.57 min Scan# 1938

Delta R.T. -0.04 min

Lab File: VU040076.D

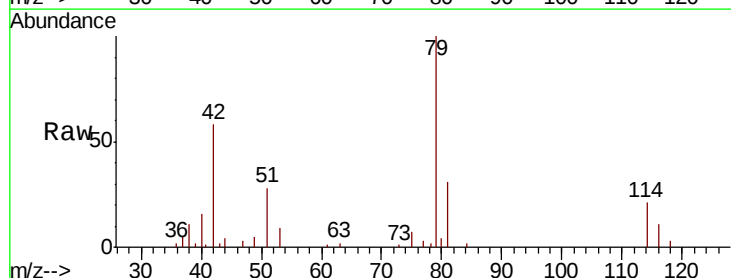
Acq: 10 Sep 2020 13:21

Tgt Ion: 75 Resp: 1145

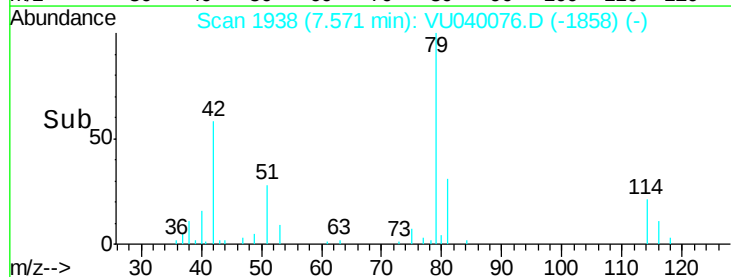
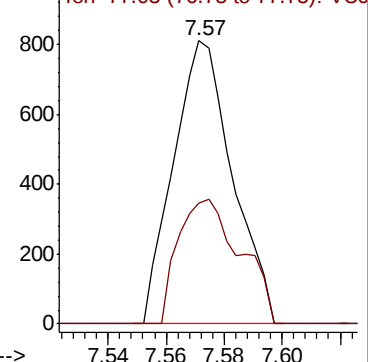
Ion Ratio Lower Upper

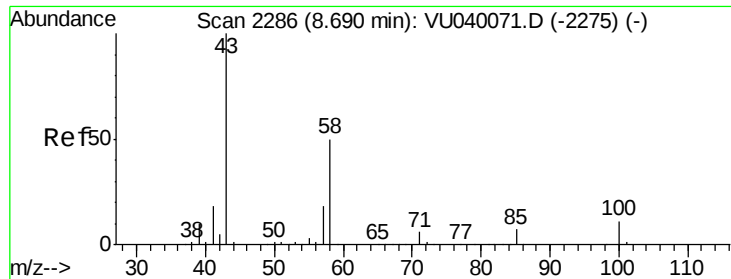
75 100

77 42.8 21.1 39.3#



Abundance Ion 75.05 (74.75 to 75.75): VU040071.D (-1928) (-)

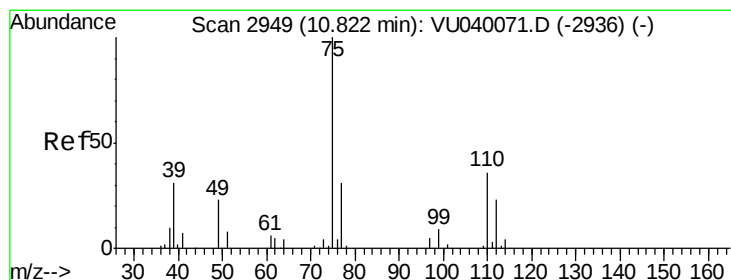
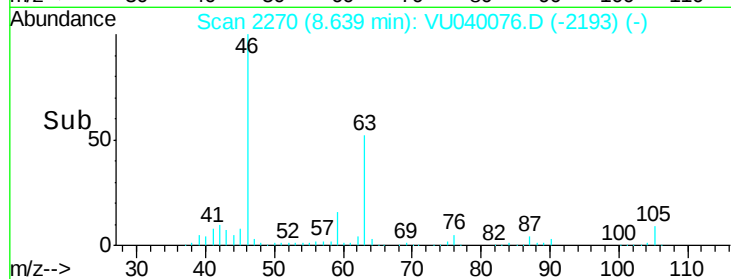
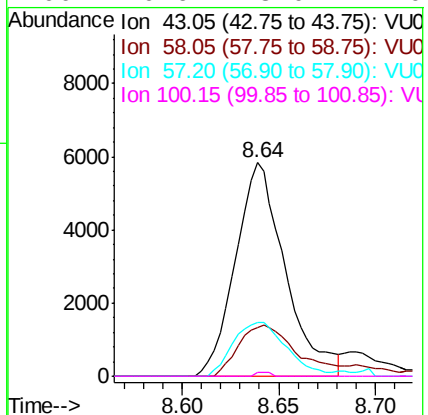
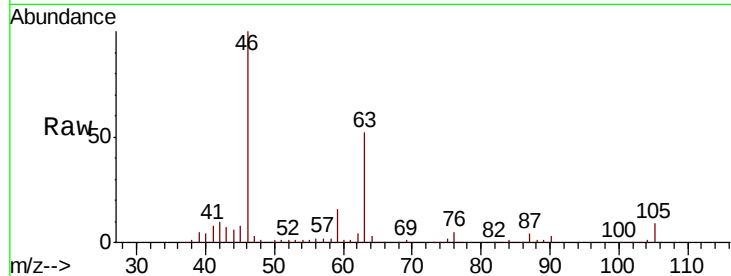




#48
2-Hexanone
Concen: 1.695 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU040076.D
Acq: 10 Sep 2020 13:21

Instrument :
MSVOA_U
ClientSampleId :
BFWT0

Tot Ion: 43 Resp: 10449
Ion Ratio Lower Upper
43 100
58 27.6 39.6 59.4#
57 27.2 14.3 21.5#
100 0.6 8.0 12.0#



#59
1,2,3-Trichloropropane
Concen: 1.090 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU040076.D
Acq: 10 Sep 2020 13:21

Tgt Ion: 75 Resp: 8319
Ion Ratio Lower Upper
75 100
77 37.6 24.9 37.3#

