

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110320\
 Data File : VU041070.D
 Acq On : 03 Nov 2020 11:56
 Operator : SY/MD
 Sample : L4584-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Nov 04 00:59:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 04 00:51:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	50981	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	52739	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	22343	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	18672	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.92	69	15069	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.58	63	26736	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	4.65	46	82596	58.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.12%
24) Chloroform-d	5.08	84	35644	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.72	65	23702	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.74	84	65314	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.70	67	23394	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.91	98	52445	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	8.18	79	9372	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.64	63	57352	53.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.02%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	21545	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	20558	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

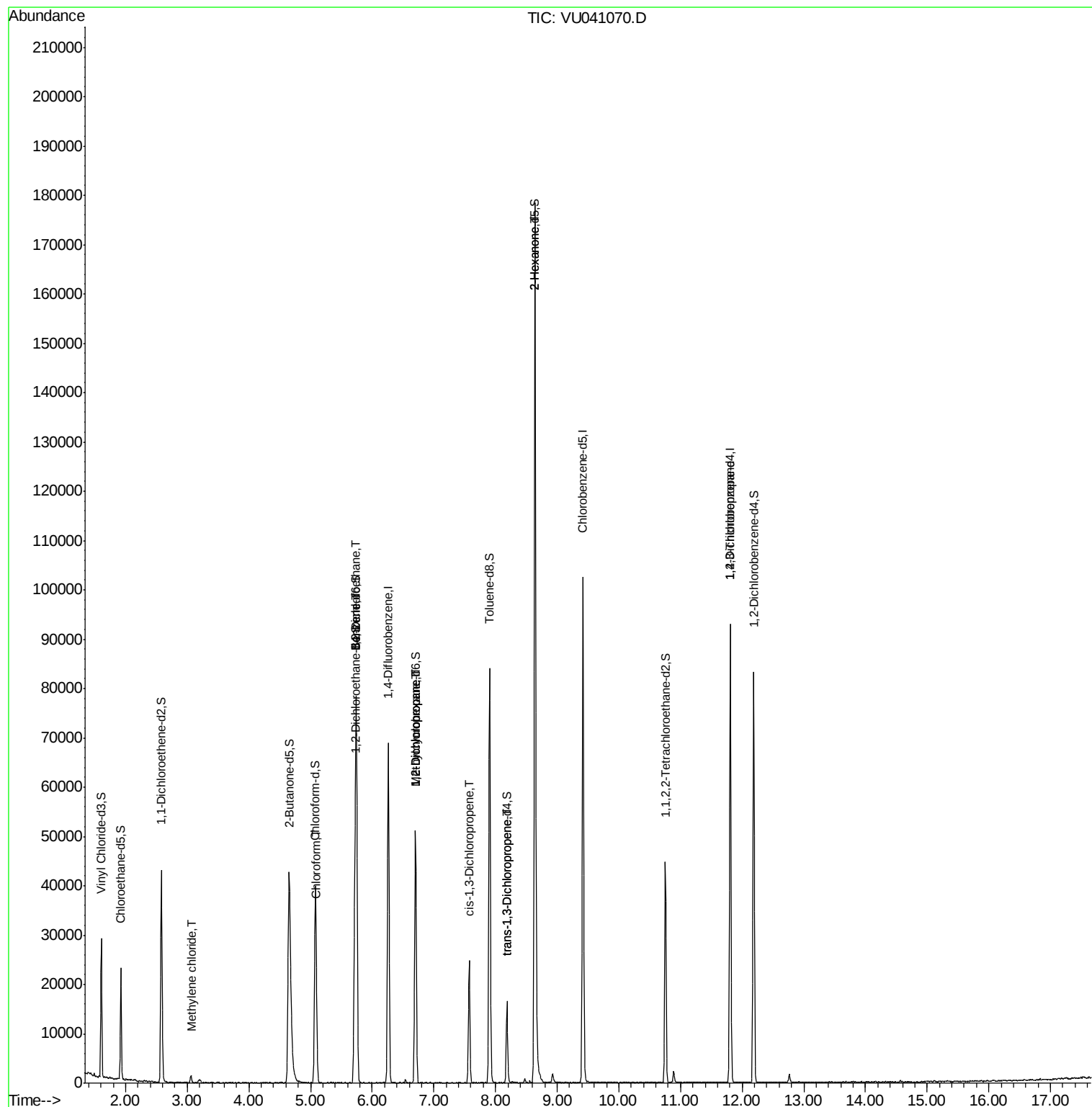
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.06	84	589	0.140	ug/L	83
25) Chloroform	5.10	83	390	0.053	ug/L #	75
27) 1,2-Dichloroethane	5.74	62	317	0.058	ug/L #	74
33) Benzene	5.74	78	487	0.031	ug/L	100
35) Methylcyclohexane	6.71	83	5204	0.870	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	2647	0.621	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	629	0.107	ug/L #	74
44) trans-1,3-Dichloropropene	8.19	75	469	0.085	ug/L #	68
48) 2-Hexanone	8.64	43	8294	3.240	ug/L #	71
59) 1,2,3-Trichloropropane	11.81	75	3205	1.009	ug/L #	87

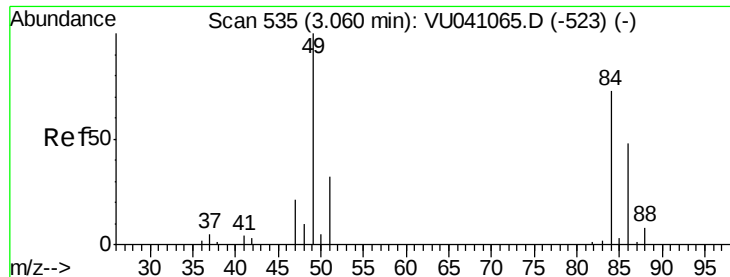
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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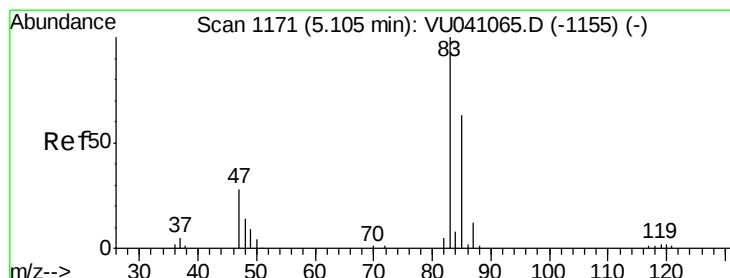
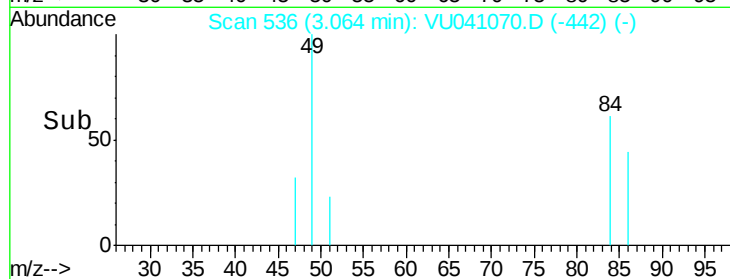
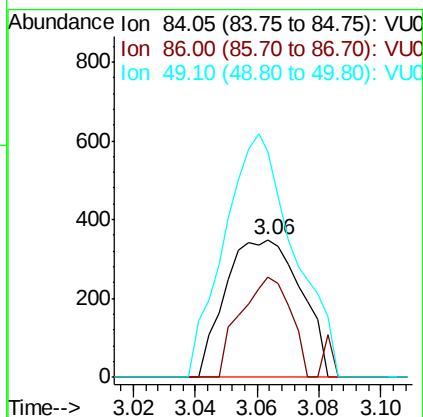
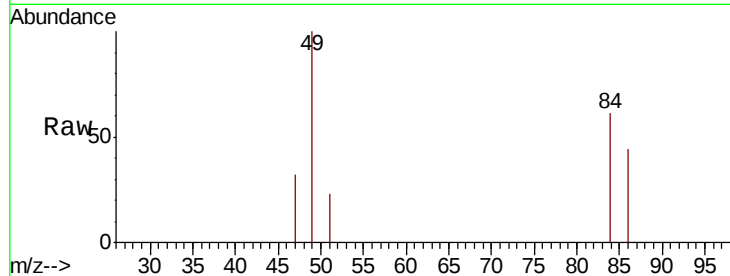




#16
Methvlene chloride
Concen: 0.140 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU041070.D
Acq: 03 Nov 2020 11:56

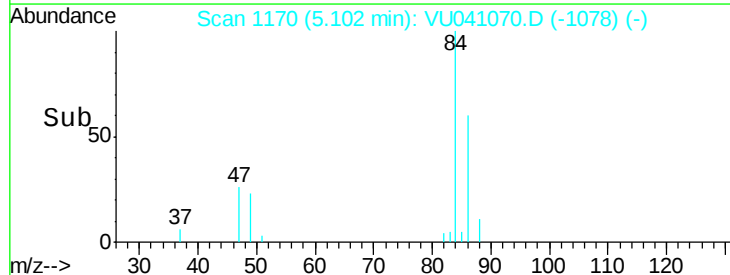
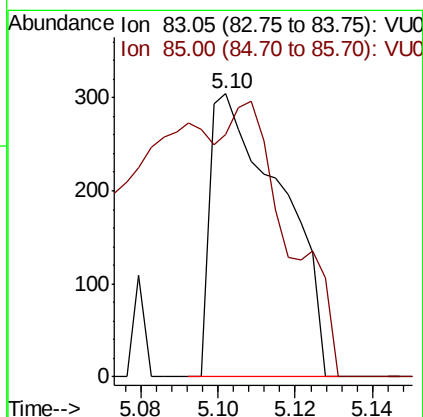
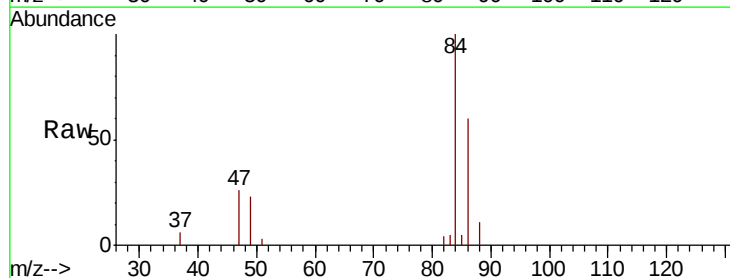
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

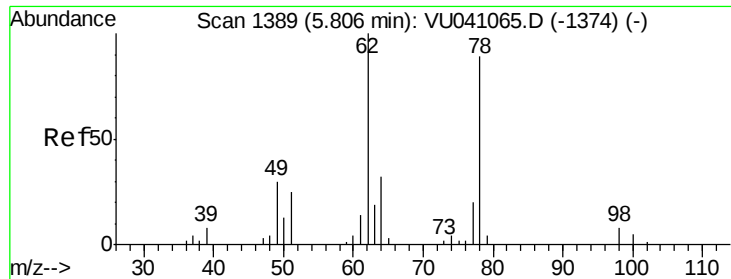
Tot Ion: 84 Resp: 589
Ion Ratio Lower Upper
84 100
86 72.5 42.8 79.6
49 164.2 99.5 184.7



#25
Chloroform
Concen: 0.053 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU041070.D
Acq: 03 Nov 2020 11:56

Tgt Ion: 83 Resp: 390
Ion Ratio Lower Upper
83 100
85 85.9 46.1 85.7#

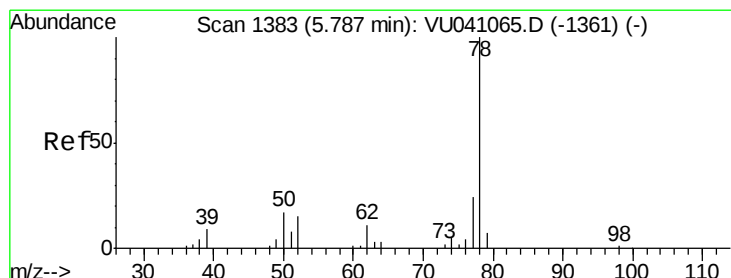
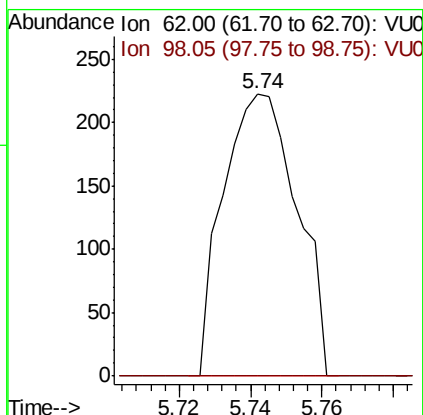
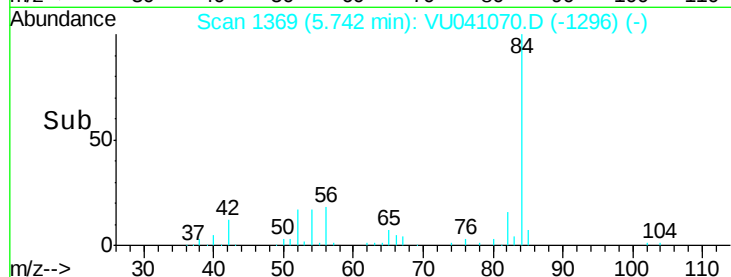
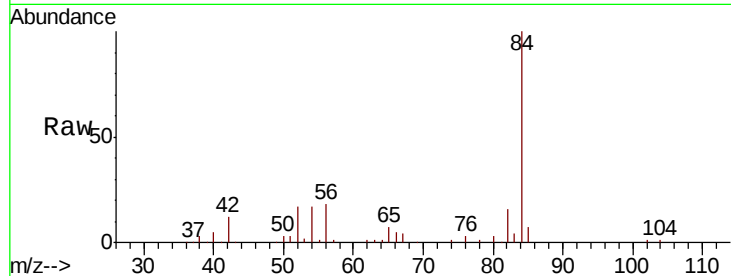




#27
 1,2-Dichloroethane
 Concen: 0.058 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.06 min
 Lab File: VU041070.D
 Acq: 03 Nov 2020 11:56

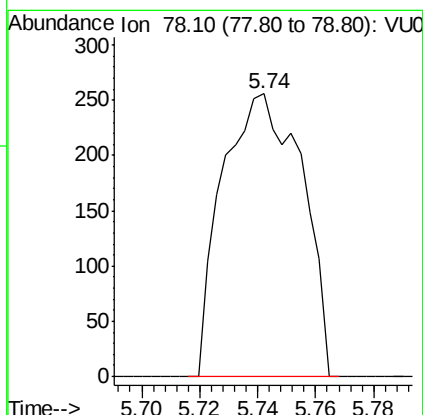
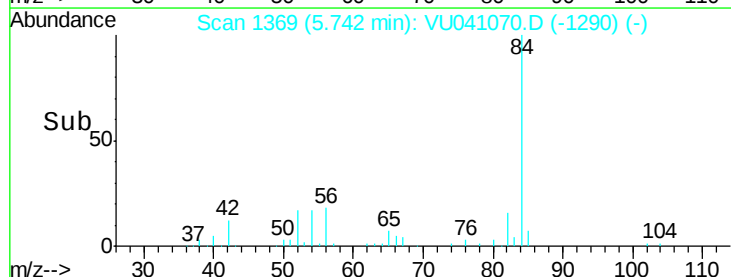
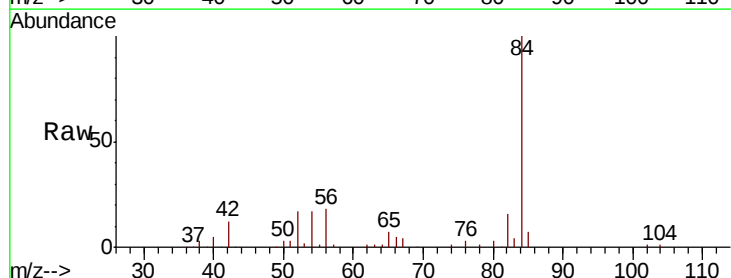
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

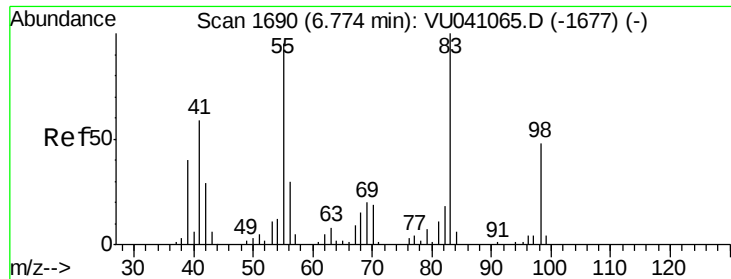
Tot Ion: 62 Resp: 317
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



#33
 Benzene
 Concen: 0.031 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.04 min
 Lab File: VU041070.D
 Acq: 03 Nov 2020 11:56

Tgt Ion: 78 Resp: 487

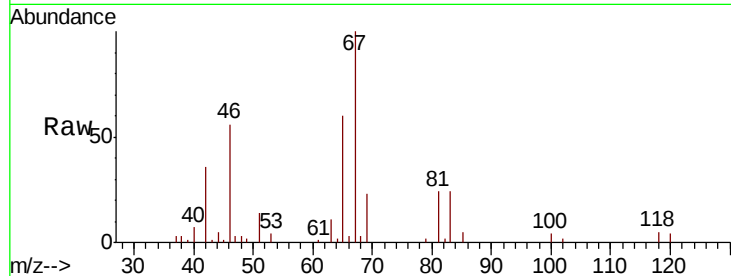




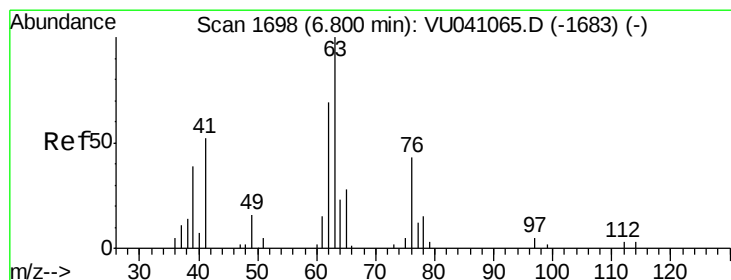
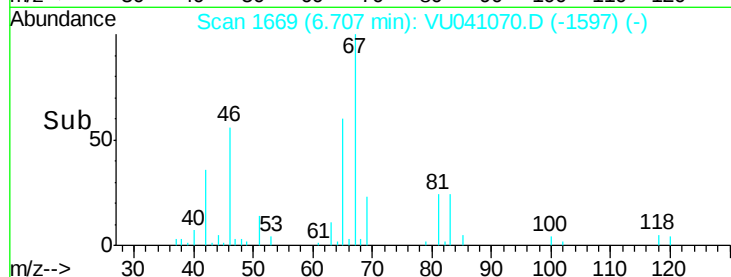
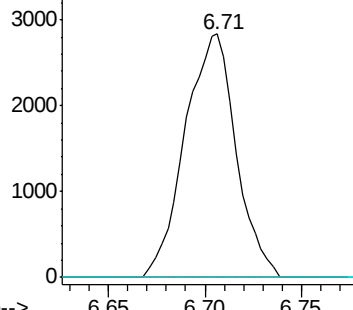
#35
Methvlcvclohexane
Concen: 0.870 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU041070.D
Acq: 03 Nov 2020 11:56

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tot Ion	83.15	Resp	5204
Ion	Ratio	Lower	Upper
83	100		
55	0.0	72.0	108.0#
98	1.7	36.6	55.0#

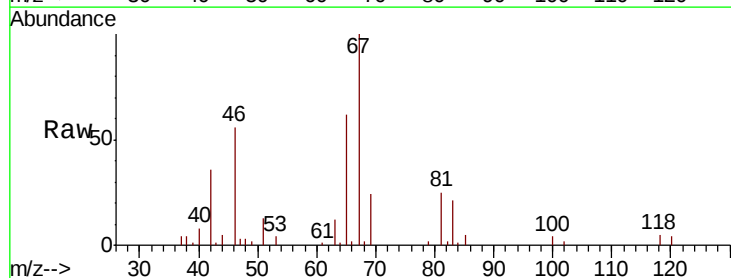


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

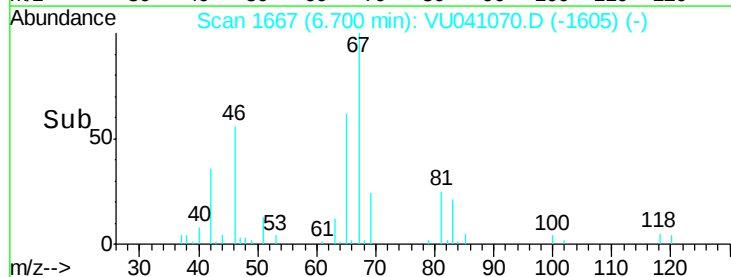
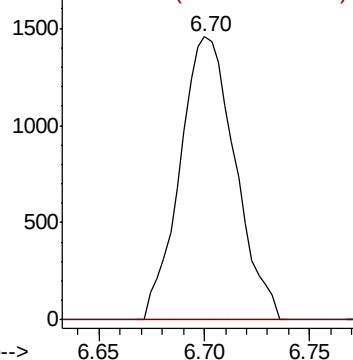


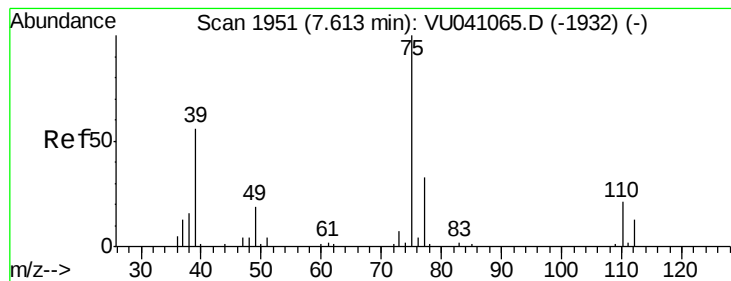
#37
1,2-Dichloropropane
Concen: 0.621 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041070.D
Acq: 03 Nov 2020 11:56

Tgt Ion	63	Resp	2647
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU041070.D

Acq: 03 Nov 2020 11:56

Instrument :

MSVOA_U

ClientSampleId :

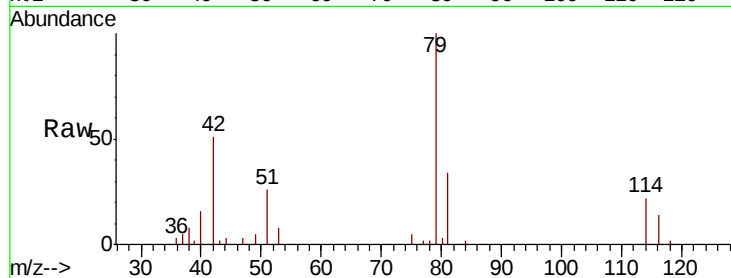
VHBLK01

Tot Ion: 75 Resp: 629

Ion Ratio Lower Upper

75 100

77 46.9 22.7 42.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

7.57

400

300

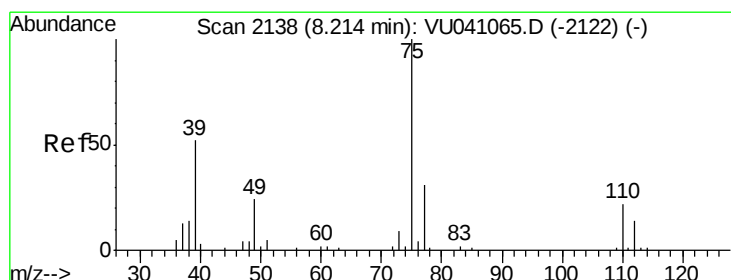
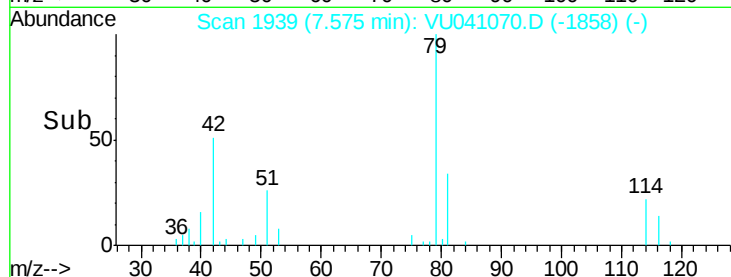
200

100

0

7.54 7.56 7.58 7.60

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU041070.D

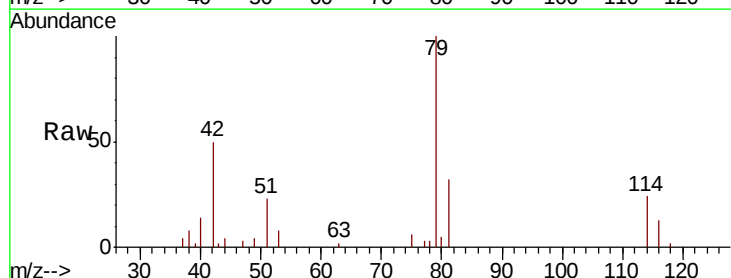
Acq: 03 Nov 2020 11:56

Tgt Ion: 75 Resp: 469

Ion Ratio Lower Upper

75 100

77 51.3 23.3 43.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.19

400

300

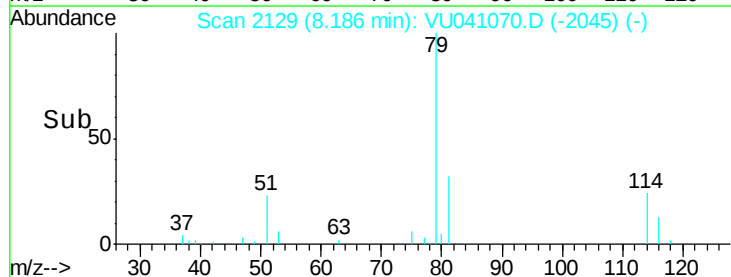
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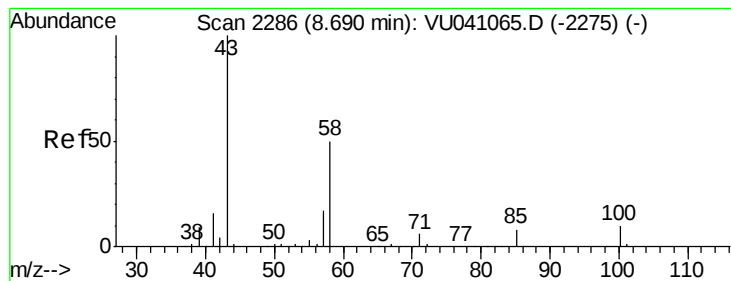
100

0

8.14 8.16 8.18 8.20 8.22

Time-->





#48

2-Hexanone

Concen: 3.240 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU041070.D

Acq: 03 Nov 2020 11:56

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tot Ion: 43 Resp: 8294

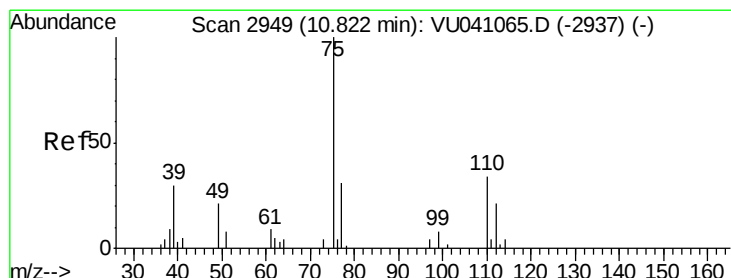
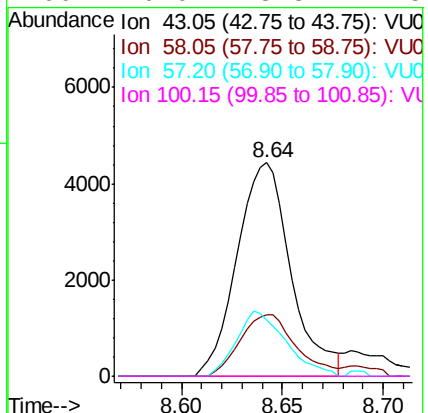
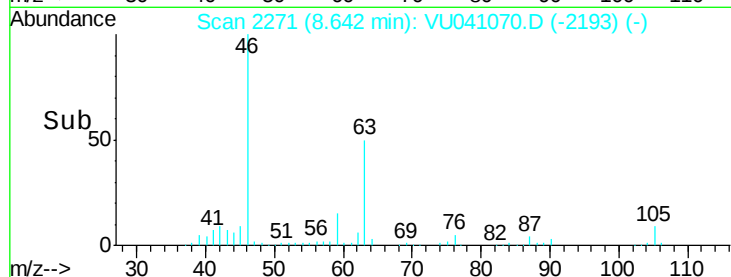
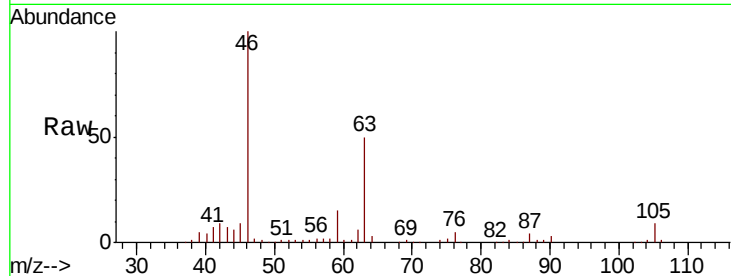
Ion Ratio Lower Upper

43 100

58 29.8 41.4 62.2#

57 28.0 14.6 21.8#

100 0.0 8.3 12.5#



#59

1,2,3-Trichloropropane

Concen: 1.009 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041070.D

Acq: 03 Nov 2020 11:56

Tgt Ion: 75 Resp: 3205

Ion Ratio Lower Upper

75 100

77 39.6 25.7 38.5#

