

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110320\
 Data File : VU041077.D
 Acq On : 03 Nov 2020 14:41
 Operator : SY/MD
 Sample : VIBLK02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK02

Quant Time: Nov 04 01:00:08 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	50710	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	52009	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	22209	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	17305	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.92	69	14336	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.58	63	25925	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	4.65	46	77409	55.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.36%
24) Chloroform-d	5.08	84	33878	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.72	65	23093	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.74	84	61724	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.70	67	22426	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.91	98	49874	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
43) trans-1,3-Dichloropropene-	8.19	79	8754	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.64	63	53756	50.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.72%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	20233	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	19475	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

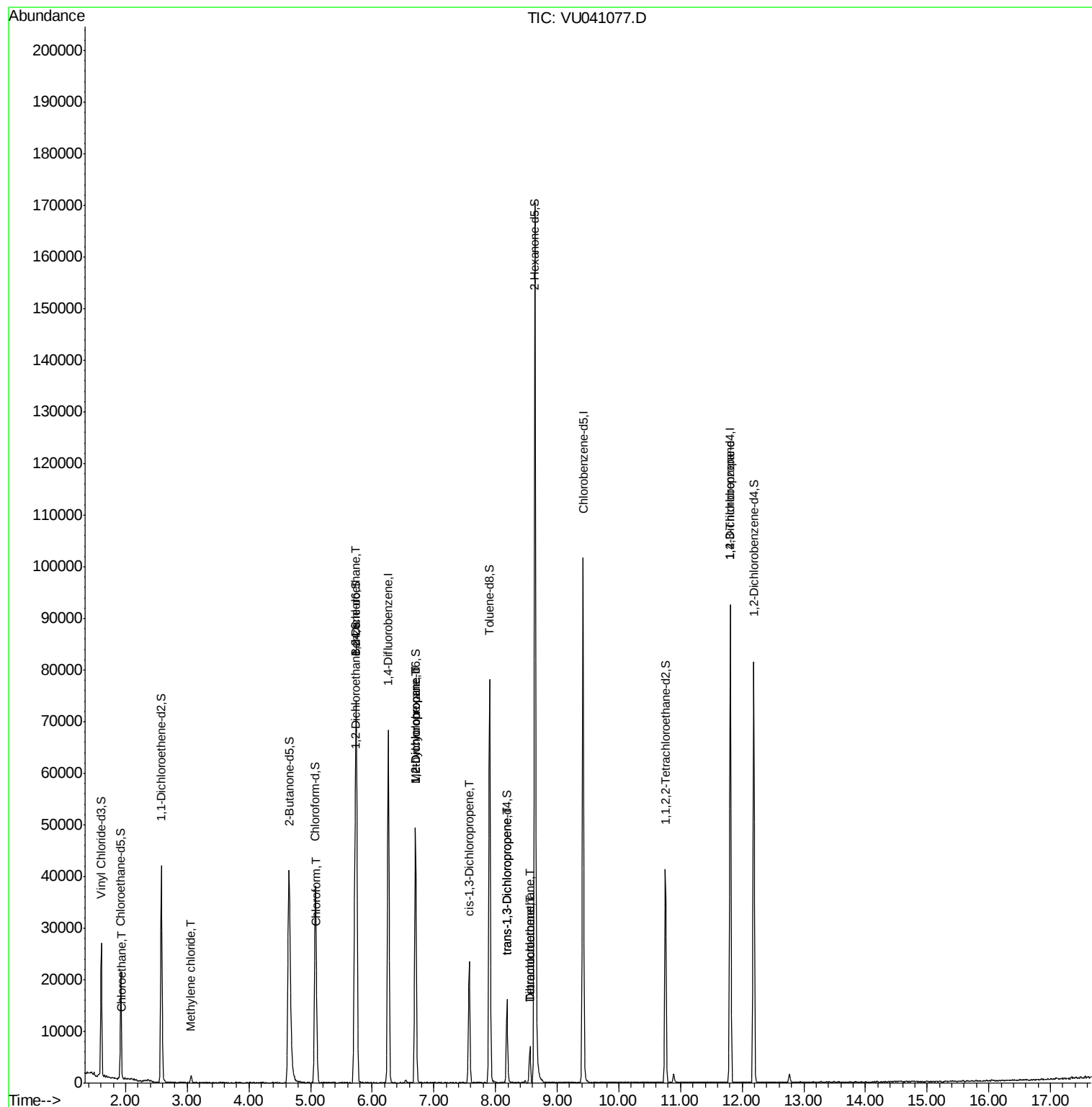
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.95	64	248	0.082	ug/L #	43
16) Methylene chloride	3.06	84	671	0.161	ug/L	83
25) Chloroform	5.11	83	1057	0.145	ug/L	87
27) 1,2-Dichloroethane	5.74	62	321	0.059	ug/L #	74
35) Methylcyclohexane	6.70	83	4768	0.808	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	2509	0.597	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	606	0.105	ug/L #	79
44) trans-1,3-Dichloropropene	8.18	75	438	0.081	ug/L	95
47) Tetrachloroethene	8.56	164	1352	0.465	ug/L	84
49) Dibromochloromethane	8.56	129	1551	0.427	ug/L #	11
59) 1,2,3-Trichloropropane	11.81	75	2869	0.915	ug/L	93

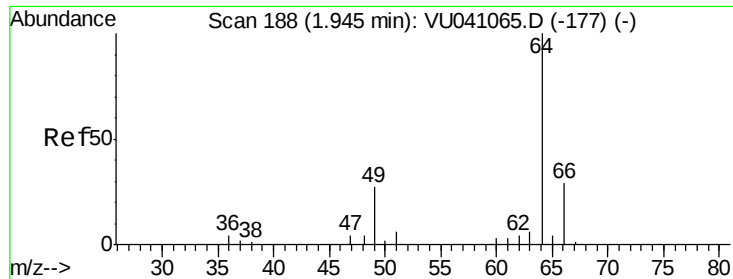
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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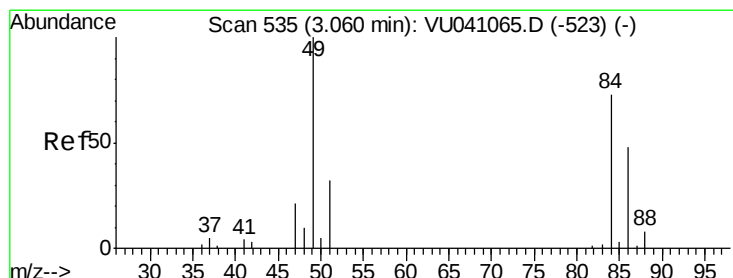
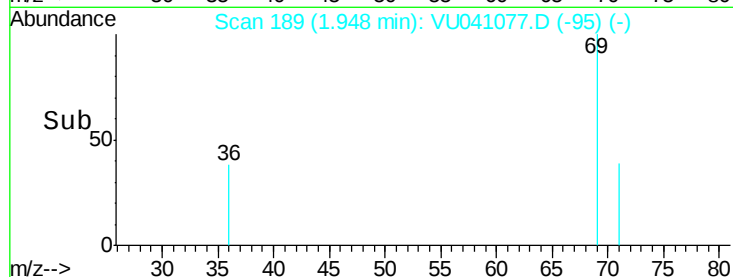
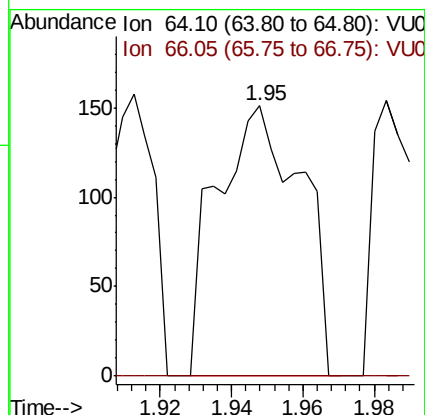
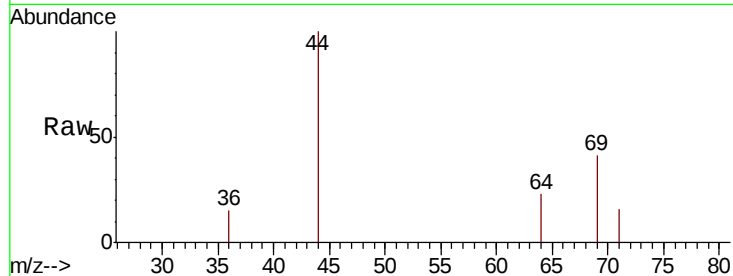




#8
Chloroethane
Concen: 0.082 ug/L
RT: 1.95 min Scan# 189
Delta R.T. 0.00 min
Lab File: VU041077.D
Acq: 03 Nov 2020 14:41

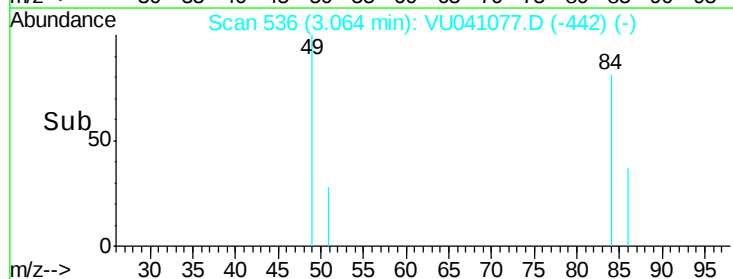
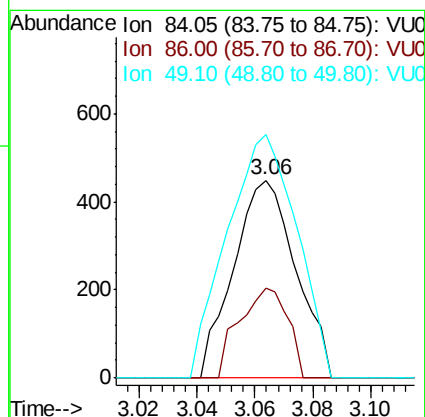
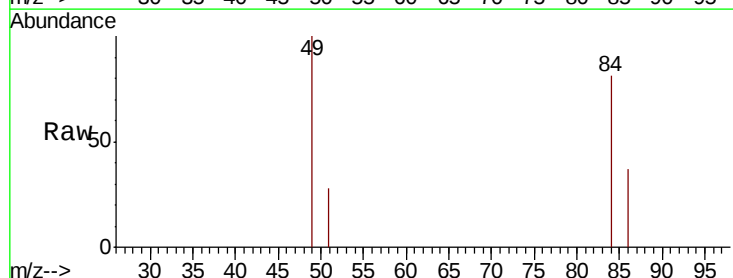
Instrument :
MSVOA_U
ClientSampleId :
VIBLK02

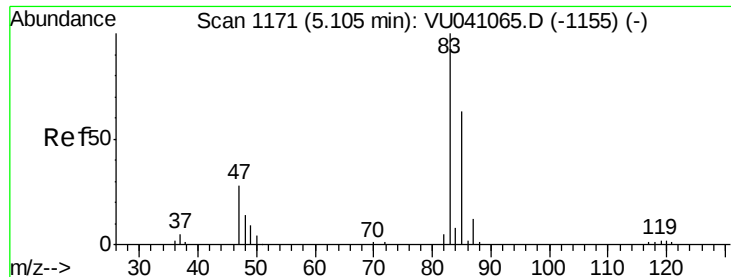
Tot Ion: 64 Resp: 248
Ion Ratio Lower Upper
64 100
66 0.0 22.3 41.5#



#16
Methylene chloride
Concen: 0.161 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU041077.D
Acq: 03 Nov 2020 14:41

Tgt Ion: 84 Resp: 671
Ion Ratio Lower Upper
84 100
86 45.2 42.8 79.6
49 123.2 99.5 184.7

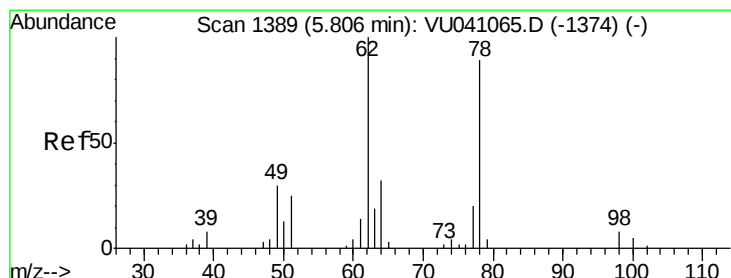
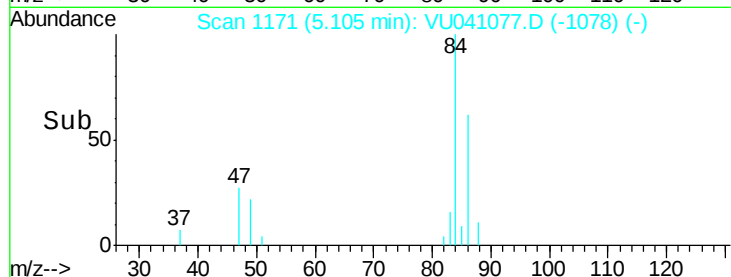
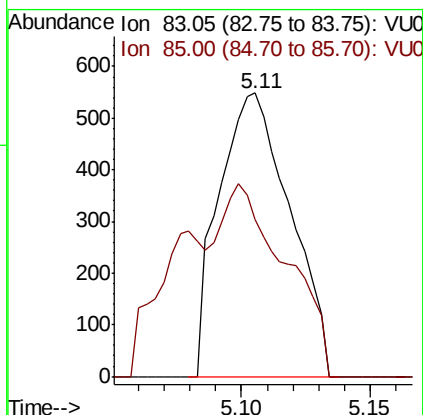
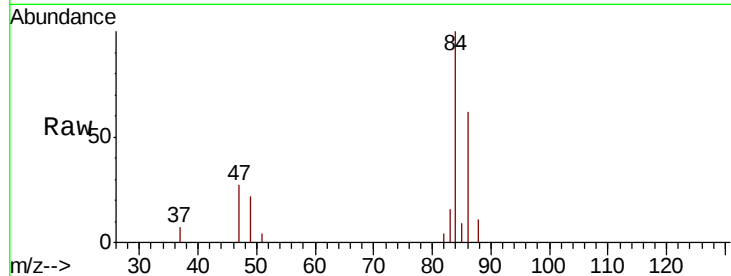




#25
Chloroform
Concen: 0.145 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU041077.D
Acq: 03 Nov 2020 14:41

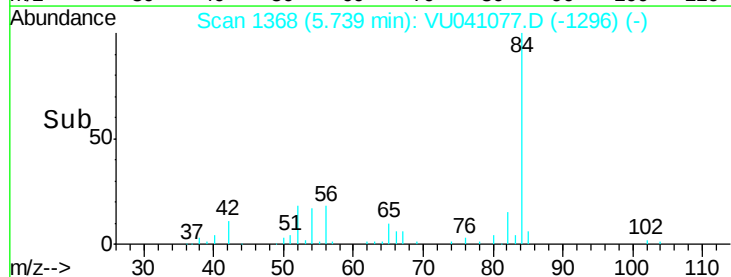
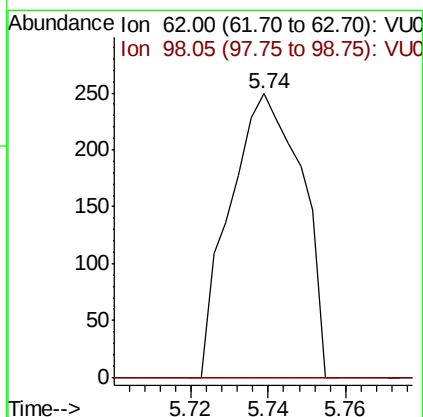
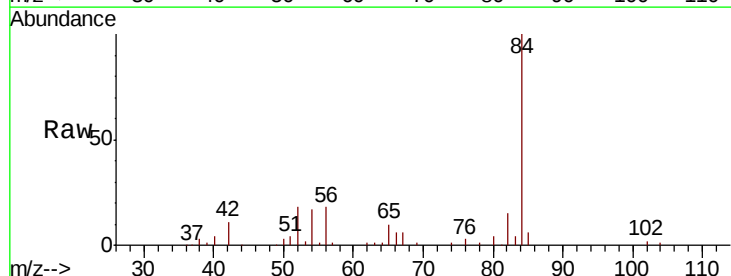
Instrument :
MSVOA_U
ClientSampleId :
VIBLK02

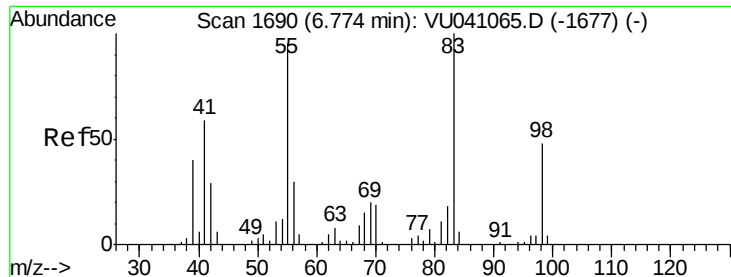
Tot Ion: 83 Resp: 1057
Ion Ratio Lower Upper
83 100
85 55.5 46.1 85.7



#27
1,2-Dichloroethane
Concen: 0.059 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.07 min
Lab File: VU041077.D
Acq: 03 Nov 2020 14:41

Tgt Ion: 62 Resp: 321
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#

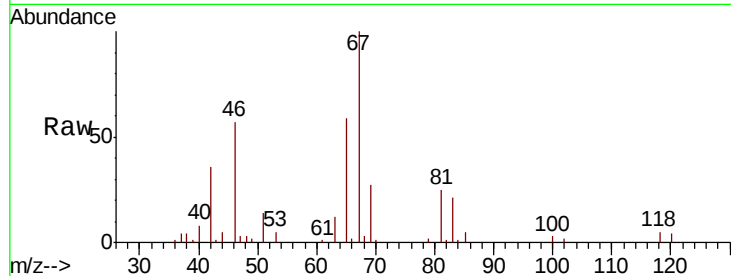




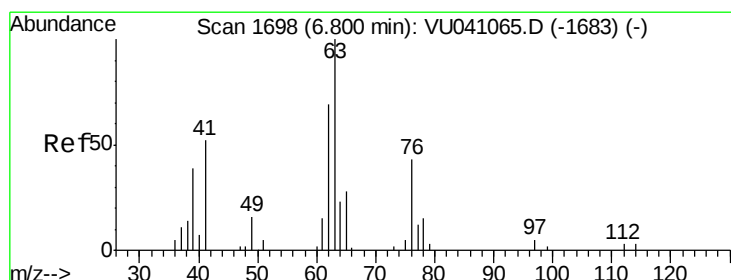
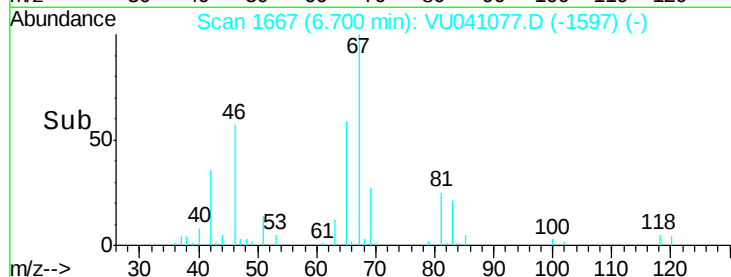
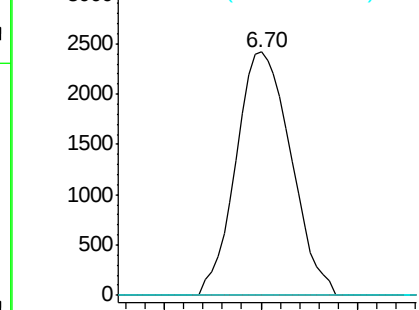
#35
Methvlcvclohexane
Concen: 0.808 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041077.D
Acq: 03 Nov 2020 14:41

Instrument :
MSVOA_U
ClientSampleId :
VIBLK02

Tot Ion: 83 Resp: 4768
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 0.4 36.6 55.0#

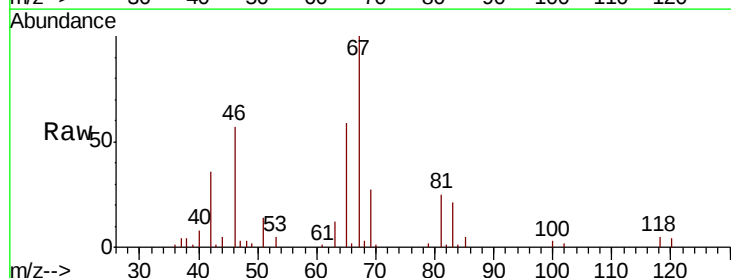


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

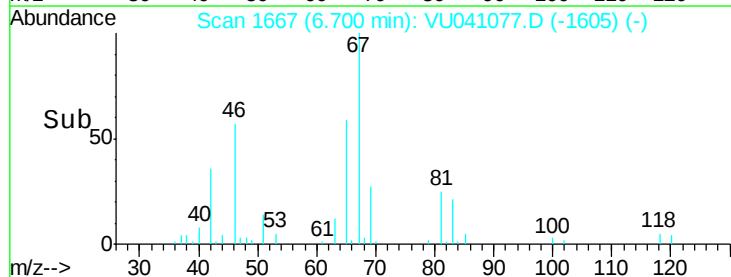
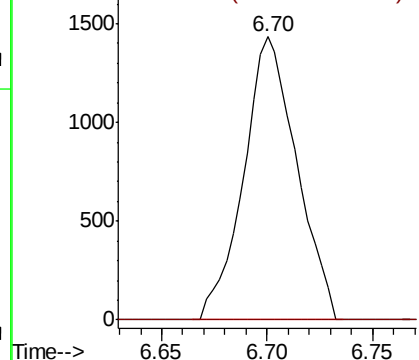


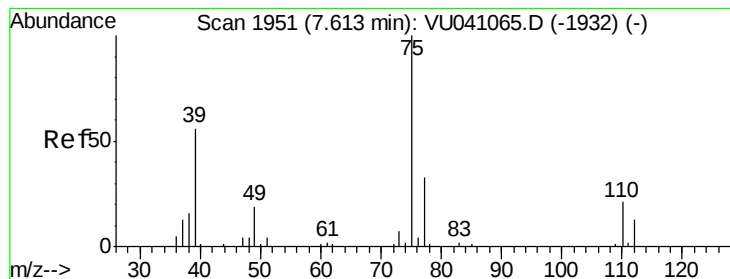
#37
1,2-Dichloropropane
Concen: 0.597 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041077.D
Acq: 03 Nov 2020 14:41

Tgt Ion: 63 Resp: 2509
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: 0.105 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU041077.D

Acq: 03 Nov 2020 14:41

Instrument :

MSVOA_U

ClientSampleId :

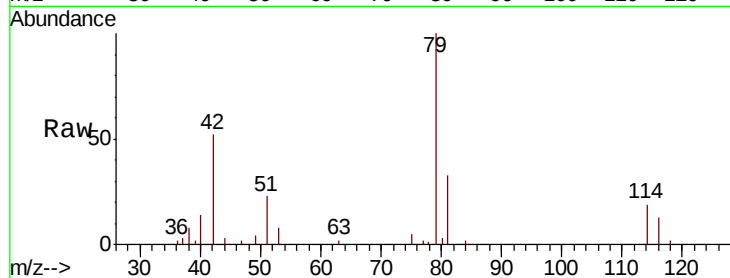
VIBLK02

Tot Ion: 75 Resp: 606

Ion Ratio Lower Upper

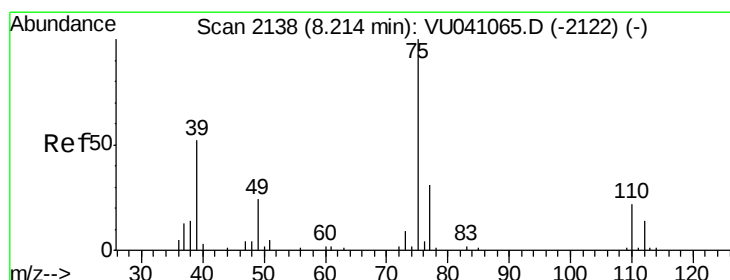
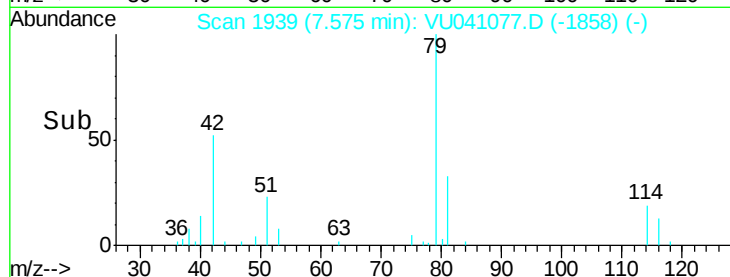
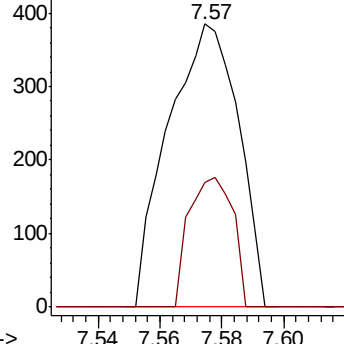
75 100

77 44.2 22.7 42.3#



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: 0.081 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU041077.D

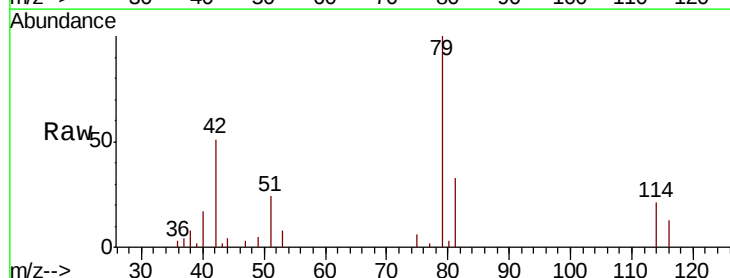
Acq: 03 Nov 2020 14:41

Tgt Ion: 75 Resp: 438

Ion Ratio Lower Upper

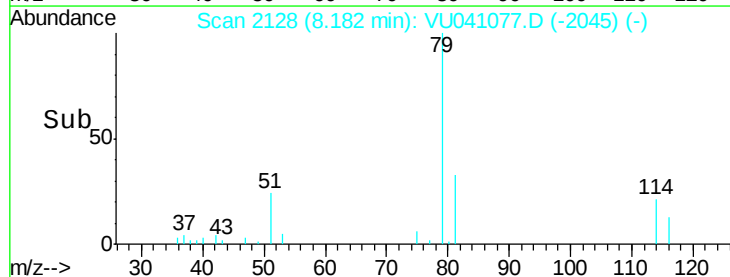
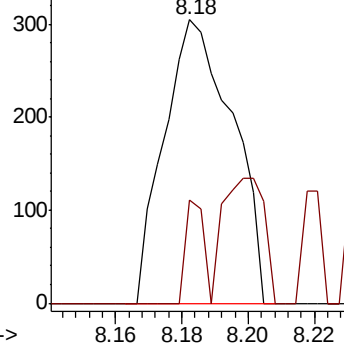
75 100

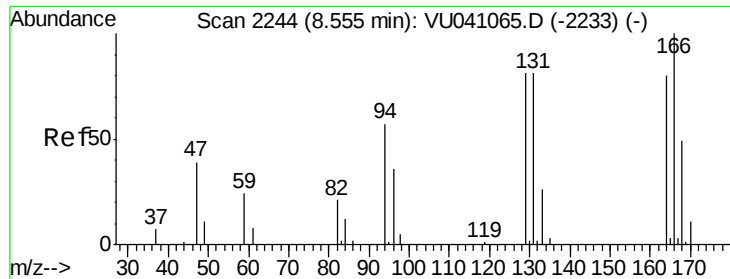
77 36.4 23.3 43.3



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0





#47

Tetrachloroethene

Concen: 0.465 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VU041077.D

Acq: 03 Nov 2020 14:41

Instrument :

MSVOA_U

ClientSampleId :

VIBLK02

Tot Ion:164 Resp: 1352

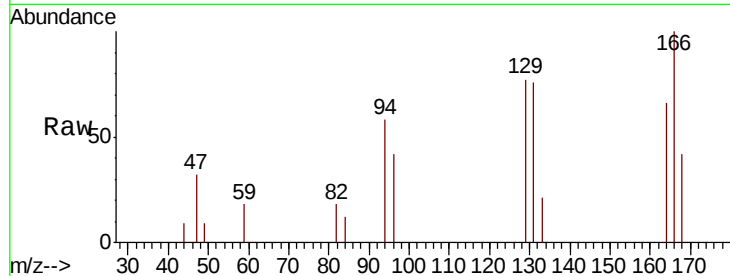
Ion Ratio Lower Upper

164 100

129 117.4 70.3 130.7

131 115.7 70.8 131.4

166 151.7 92.0 170.8

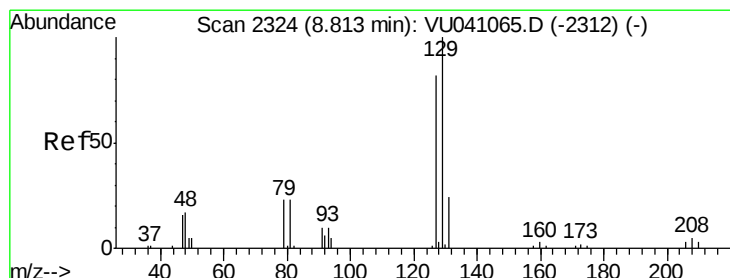
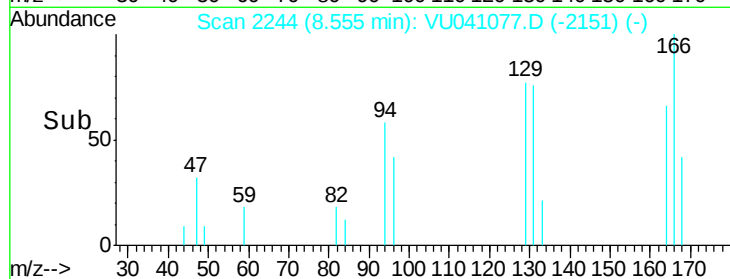
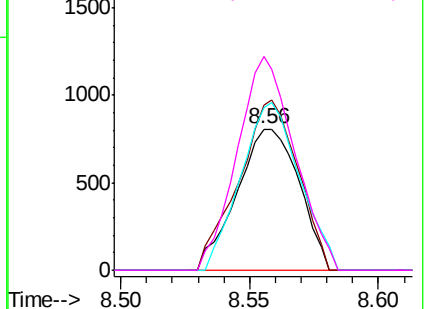


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#49

Dibromochloromethane

Concen: 0.427 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.25 min

Lab File: VU041077.D

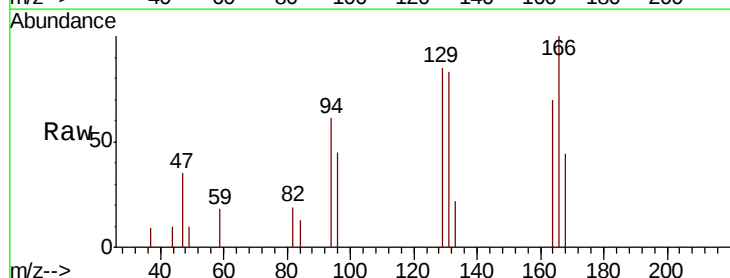
Acq: 03 Nov 2020 14:41

Tgt Ion:129 Resp: 1551

Ion Ratio Lower Upper

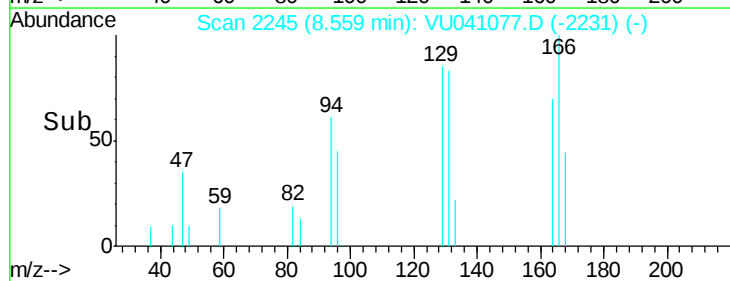
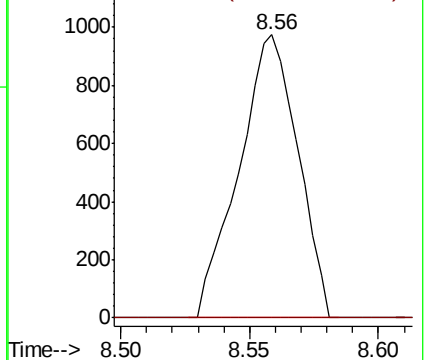
129 100

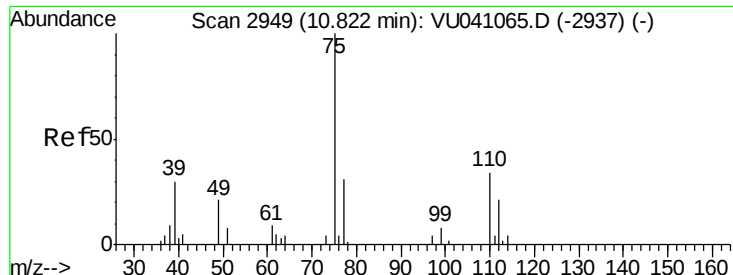
127 0.0 53.4 99.2#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 0.915 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041077.D

Acq: 03 Nov 2020 14:41

Instrument :

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Tot Ion: 75 Resp: 2869

Ion Ratio Lower Upper

75 100

77 36.3 25.7 38.5

