

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122220\
 Data File : VU041752.D
 Acq On : 22 Dec 2020 19:37
 Operator : SY/MD
 Sample : L5161-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB234

Quant Time: Dec 23 05:10:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 23 05:08:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	125631	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	123076	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53264	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	31592	3.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.40%
7) Chloroethane-d5	1.92	69	37273	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.57	63	54215	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	4.66	46	156485	55.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.94%
24) Chloroform-d	5.08	84	81204	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.72	65	48363	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.74	84	157720	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.70	67	52993	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.90	98	129206	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
43) trans-1,3-Dichloropropene-	8.19	79	21126	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.64	63	141613	52.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.28%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52462	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	52681	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

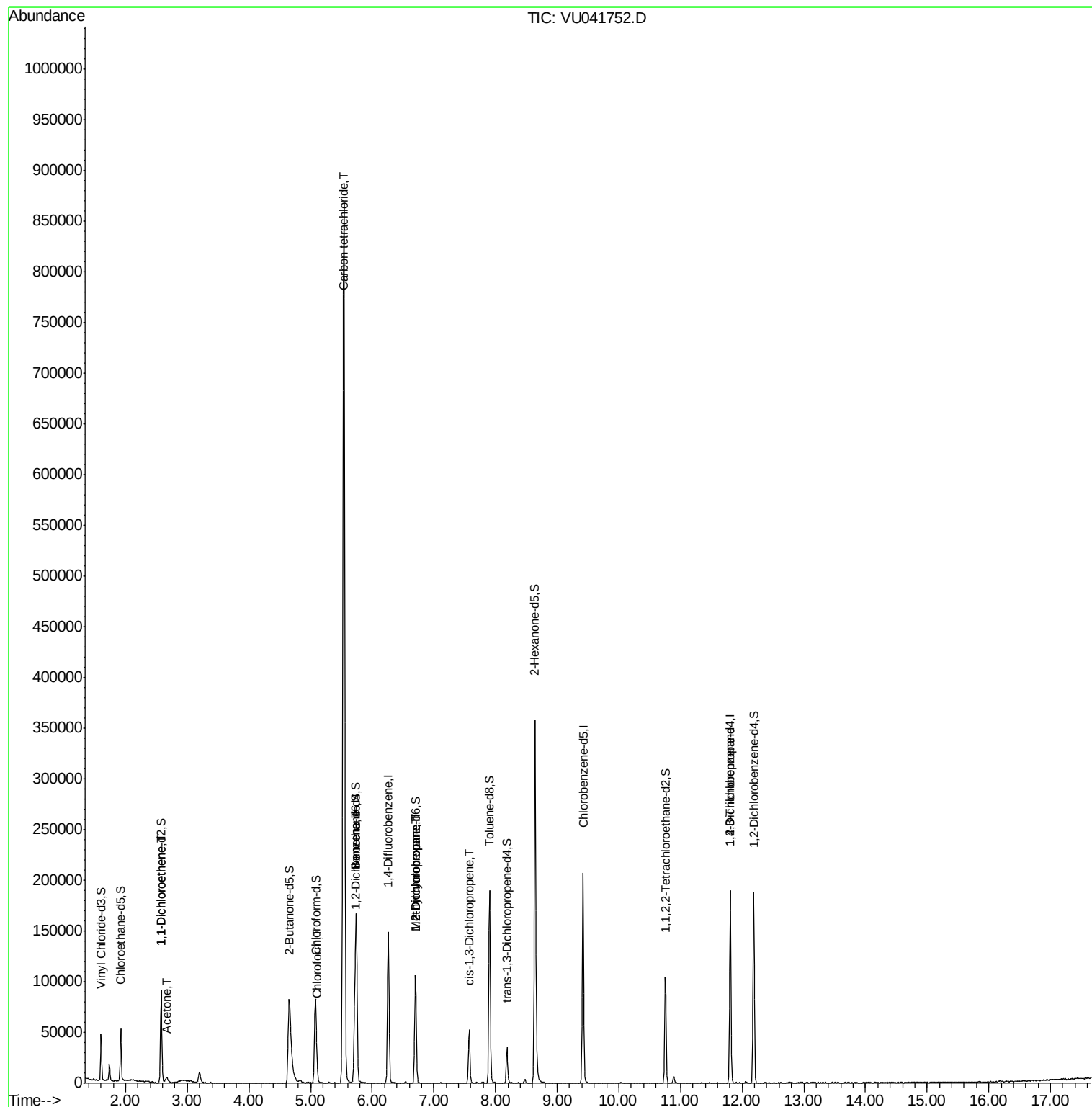
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.58	96	506	0.059	ug/L #	1
13) Acetone	2.67	43	10248	5.711	ug/L	98
25) Chloroform	5.11	83	4777	0.288	ug/L	99
31) Carbon tetrachloride	5.54	117	606654	49.639	ug/L	99
33) Benzene	5.75	78	1195	0.030	ug/L	100
35) Methylcyclohexane	6.70	83	12472	0.780	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5387	0.535	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1535	0.103	ug/L #	75
59) 1,2,3-Trichloropropane	11.81	75	6533	0.864	ug/L	98

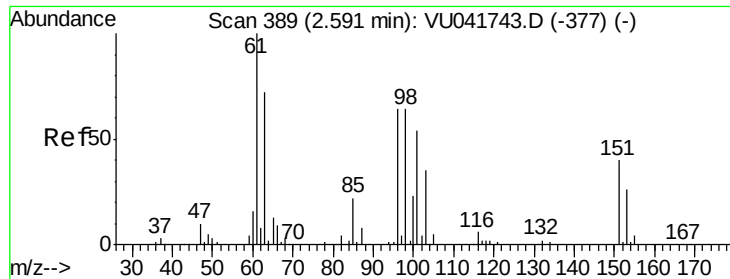
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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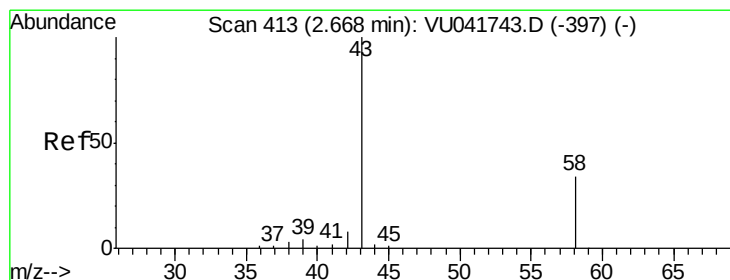
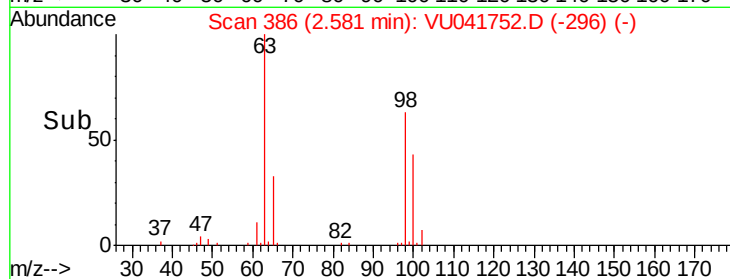
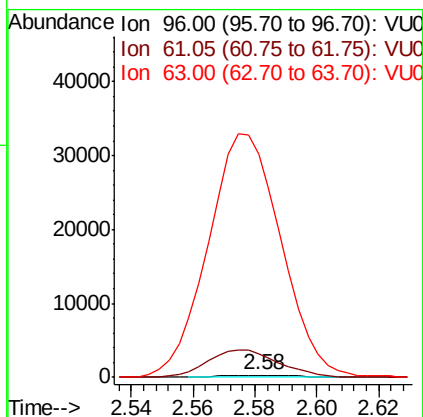
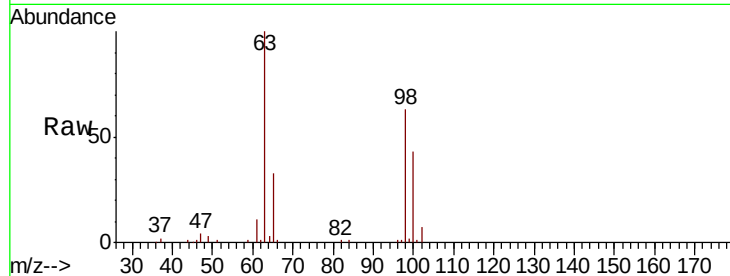




#12
 1,1-Dichloroethene
 Concen: 0.059 ug/L
 RT: 2.58 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: VU041752.D
 Acq: 22 Dec 2020 19:37

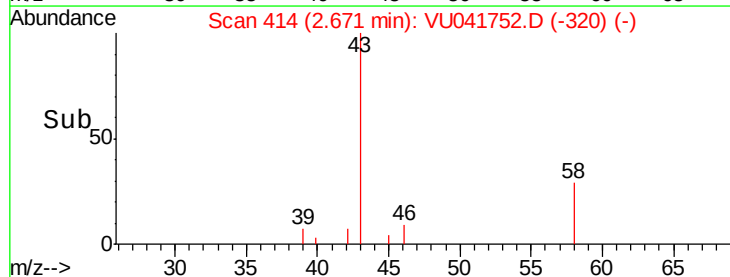
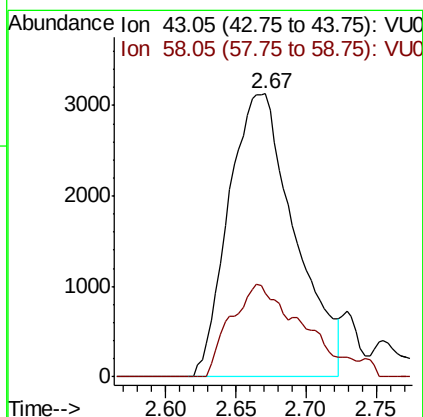
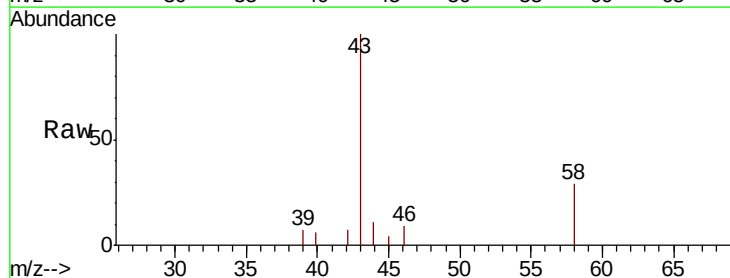
Instrument :
 MSVOA_U
 ClientSampled :
 GB234

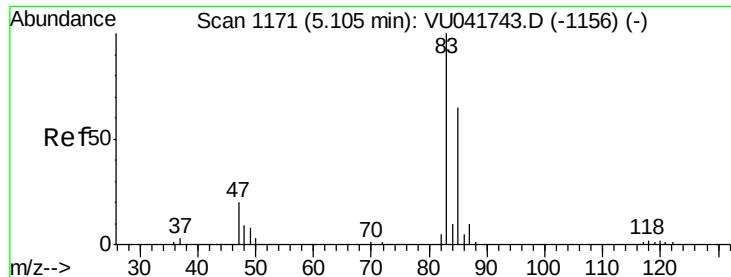
Tot Ion: 96 Resp: 506
 Ion Ratio Lower Upper
 96 100
 61 1018.0 123.8 230.0#
 63 9524.3 81.0 150.4#



#13
 Acetone
 Concen: 5.711 ug/L
 RT: 2.67 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: VU041752.D
 Acq: 22 Dec 2020 19:37

Tgt Ion: 43 Resp: 10248
 Ion Ratio Lower Upper
 43 100
 58 35.4 0.0 73.2

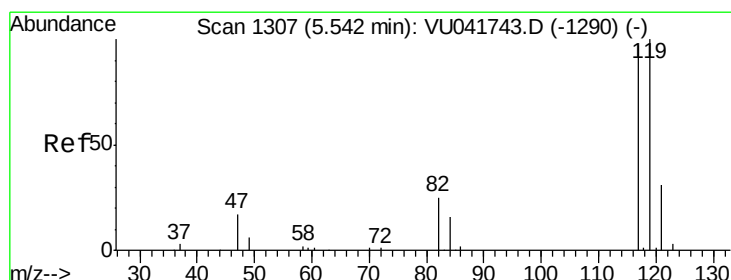
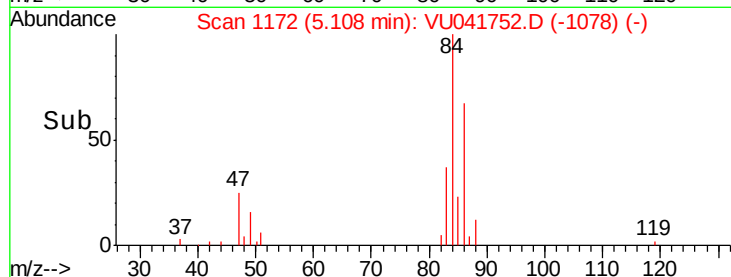
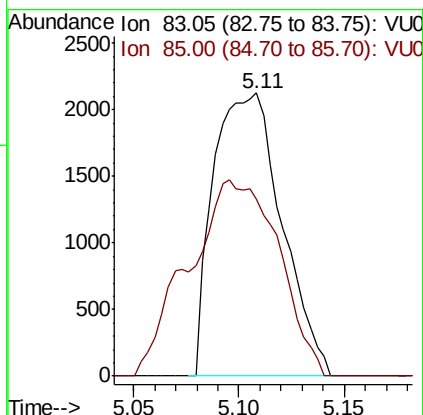
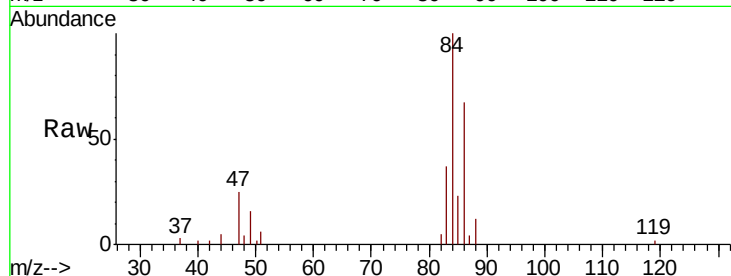




#25
Chloroform
Concen: 0.288 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU041752.D
Acq: 22 Dec 2020 19:37

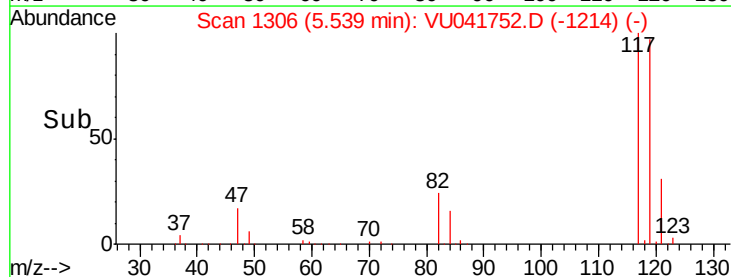
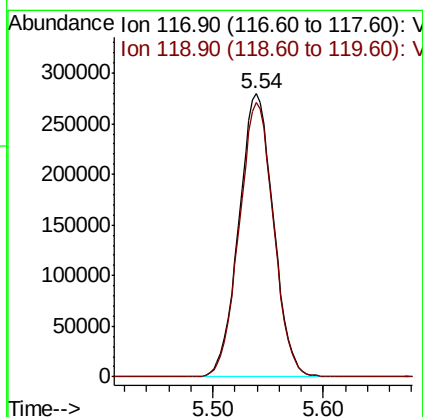
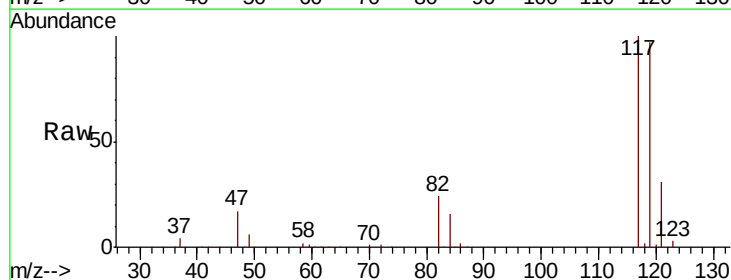
Instrument :
MSVOA_U
ClientSampled :
GB234

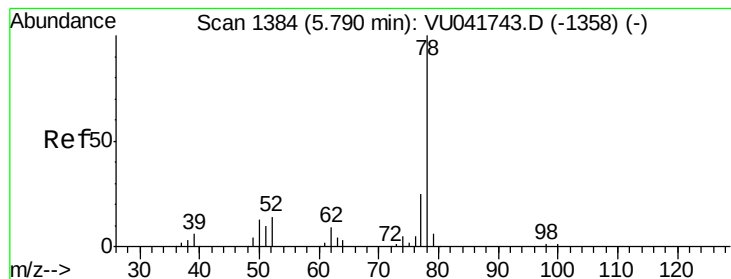
Tot Ion: 83 Resp: 4777
Ion Ratio Lower Upper
83 100
85 62.5 44.2 82.0



#31
Carbon tetrachloride
Concen: 49.639 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. -0.00 min
Lab File: VU041752.D
Acq: 22 Dec 2020 19:37

Tgt Ion: 117 Resp: 606654
Ion Ratio Lower Upper
117 100
119 96.4 76.2 114.2





#33

Benzene

Concen: 0.030 ug/L

RT: 5.75 min Scan# 1370

Delta R.T. -0.04 min

Lab File: VU041752.D

Acq: 22 Dec 2020 19:37

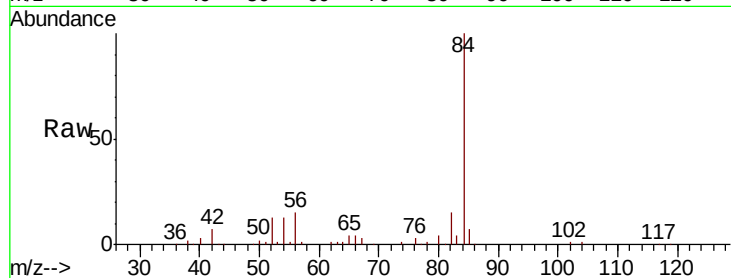
Instrument :

MSVOA_U

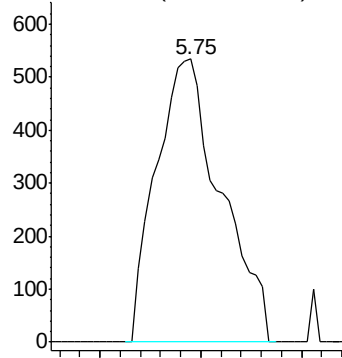
ClientSampled :

GB234

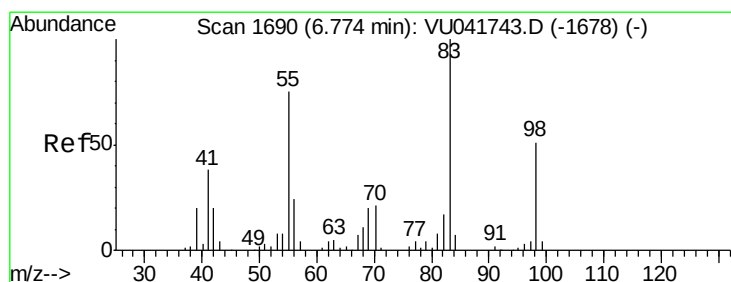
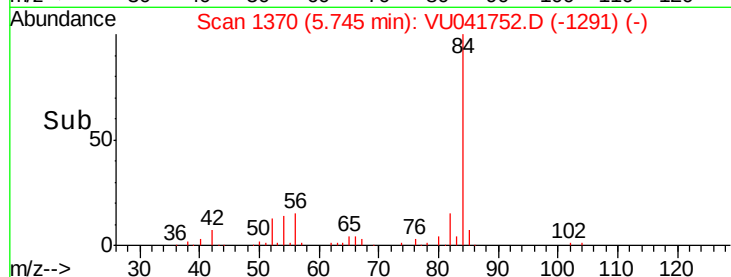
Tgt Ion: 78 Resp: 1195



Abundance Ion 78.10 (77.80 to 78.80): VU0



Time-->



#35

Methylcyclohexane

Concen: 0.780 ug/L

RT: 6.70 min Scan# 1668

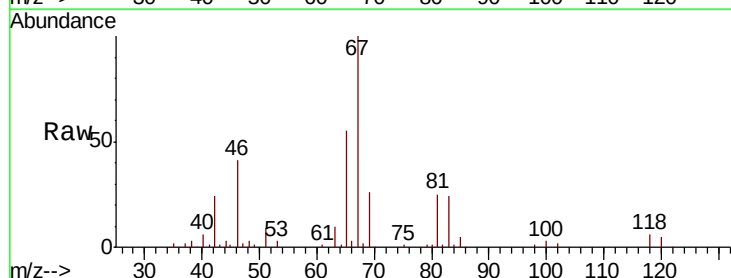
Delta R.T. -0.07 min

Lab File: VU041752.D

Acq: 22 Dec 2020 19:37

Tgt Ion: 83 Resp: 12472

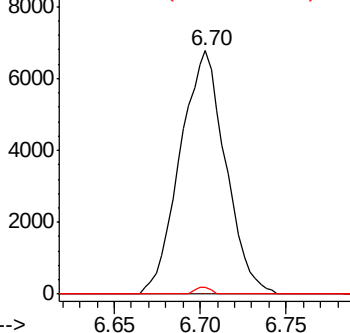
Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.2	91.8#
98	1.0	36.6	54.8#



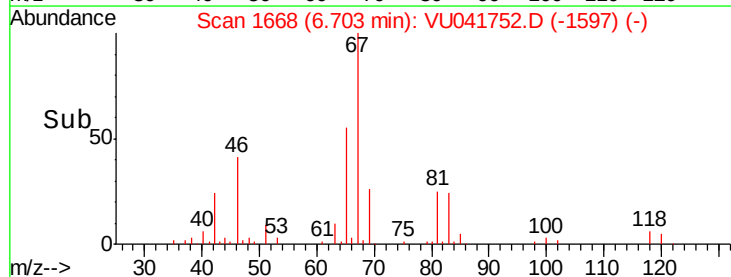
Abundance Ion 83.15 (82.85 to 83.85): VU0

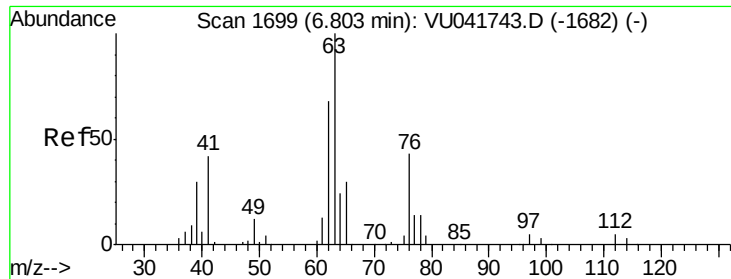
Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0



Time-->

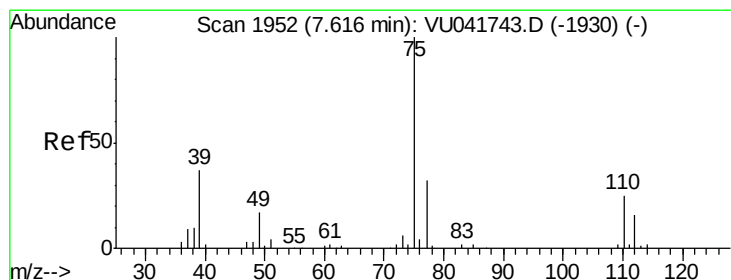
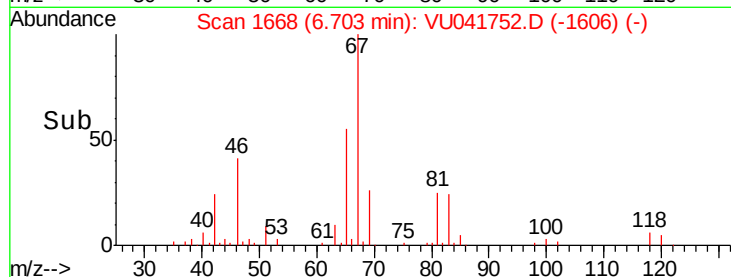
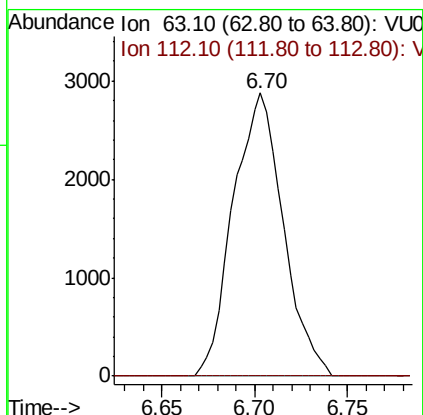
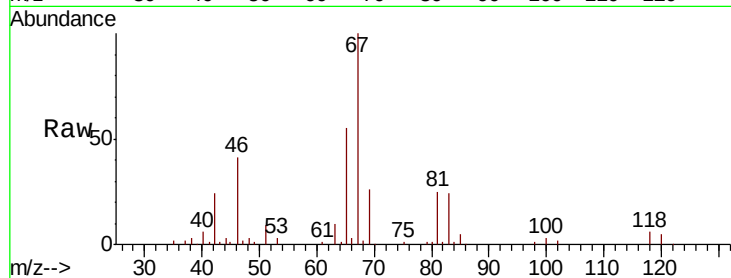




#37
 1,2-Dichloropropane
 Concen: 0.535 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041752.D
 Acq: 22 Dec 2020 19:37

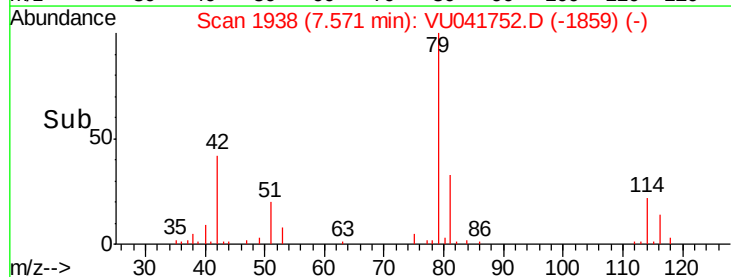
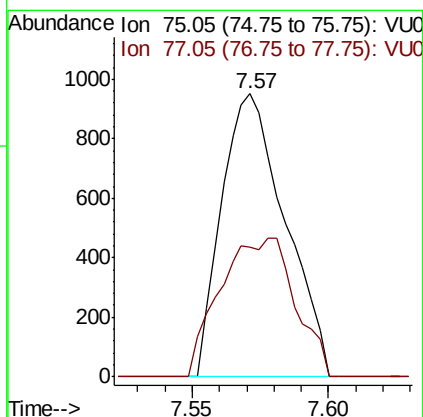
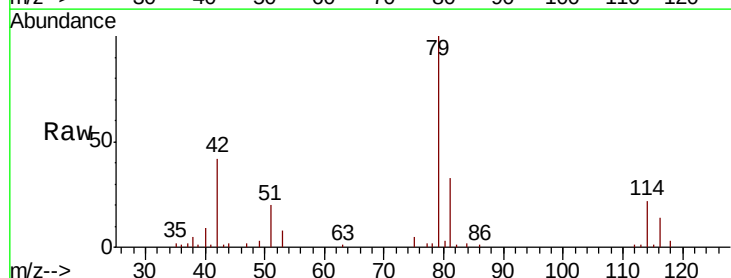
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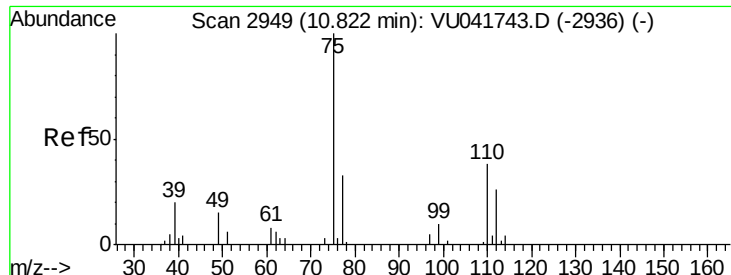
Tot Ion: 63 Resp: 5387
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.103 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU041752.D
 Acq: 22 Dec 2020 19:37

Tgt Ion: 75 Resp: 1535
 Ion Ratio Lower Upper
 75 100
 77 46.0 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 0.864 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041752.D

Acq: 22 Dec 2020 19:37

Instrument :

MSVOA_U

ClientSampleId :

GB234

Tot Ion: 75 Resp: 6533

Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.2

