

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122120\
 Data File : VU041721.D
 Acq On : 22 Dec 2020 01:19
 Operator : SY/MD
 Sample : L5161-03MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB228MSD

Quant Time: Dec 22 06:59:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 22 05:59:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	133766	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	127190	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	59001	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	40084	3.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	1.92	69	37290	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.58	63	79391	4.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.40%
20) 2-Butanone-d5	4.65	46	183870	61.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.42%
24) Chloroform-d	5.08	84	87915	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.72	65	52539	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.74	84	172268	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.70	67	58812	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.90	98	158513	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	8.19	79	24888	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.64	63	180252	64.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.44%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	56723	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	55188	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

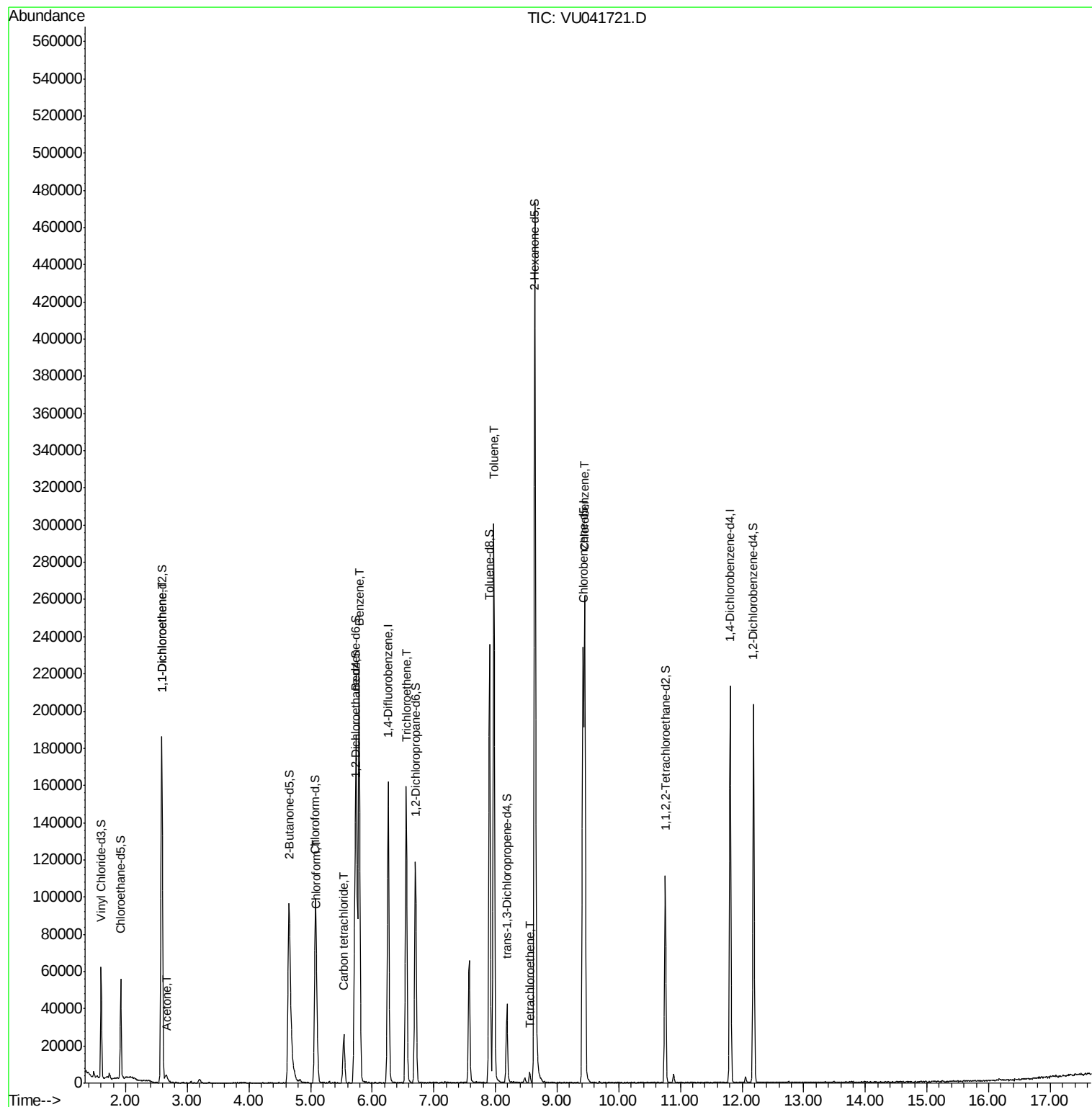
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	45266	4.988	ug/L	93
13) Acetone	2.66	43	6514	3.409	ug/L	66
25) Chloroform	5.11	83	19809	1.121	ug/L	95
31) Carbon tetrachloride	5.54	117	18256	1.445	ug/L	98
33) Benzene	5.79	78	210517	5.175	ug/L	100
34) Trichloroethene	6.55	95	55930	5.472	ug/L	97
42) Toluene	7.97	91	224983	5.357	ug/L	99
47) Tetrachloroethene	8.56	164	1406	0.196	ug/L	95
51) Chlorobenzene	9.45	112	140878	5.397	ug/L	99

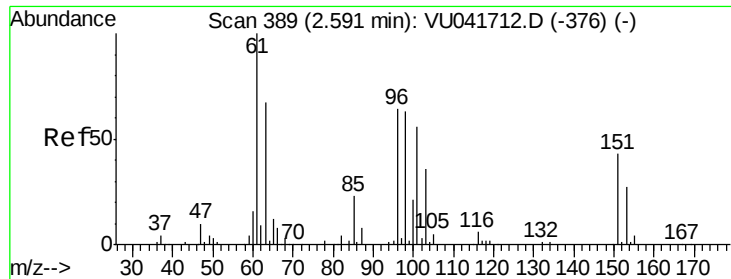
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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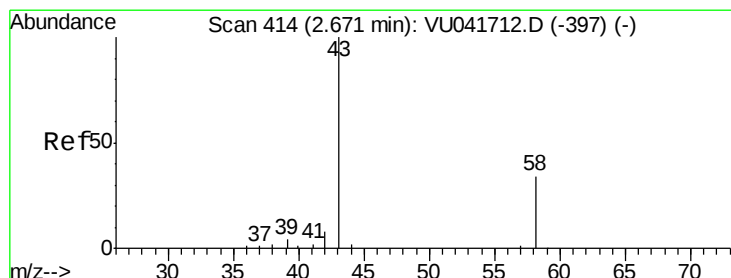
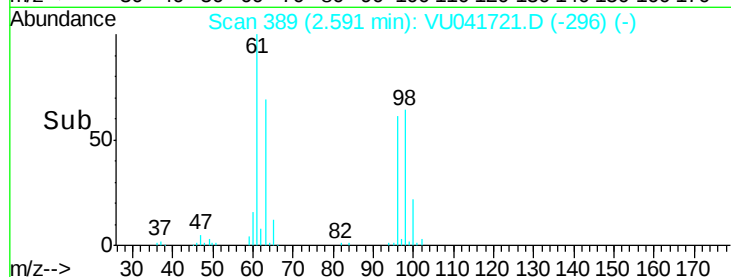
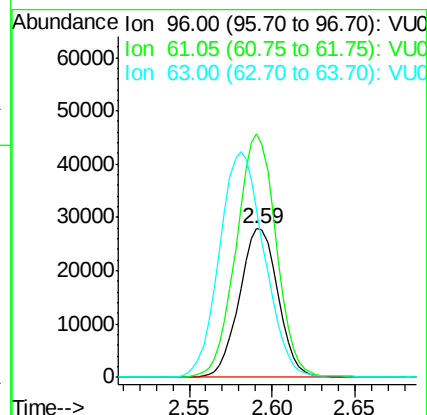
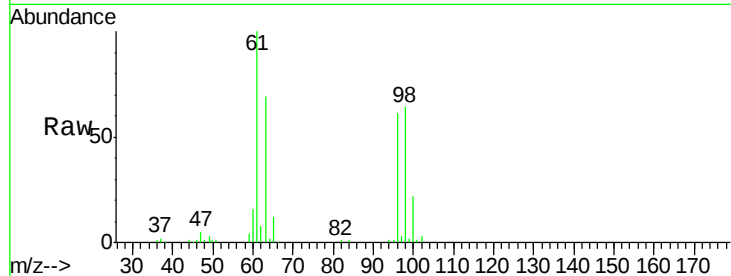




#12
 1,1-Dichloroethene
 Concen: 4.988 ug/L
 RT: 2.59 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VU041721.D
 Acq: 22 Dec 2020 01:19

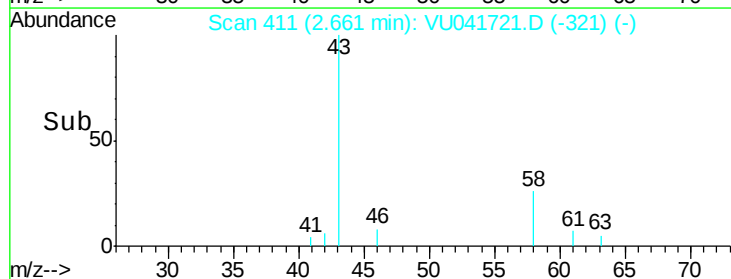
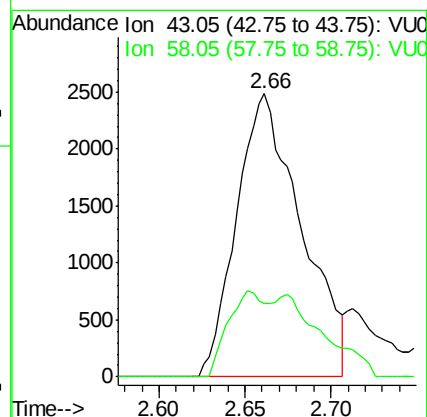
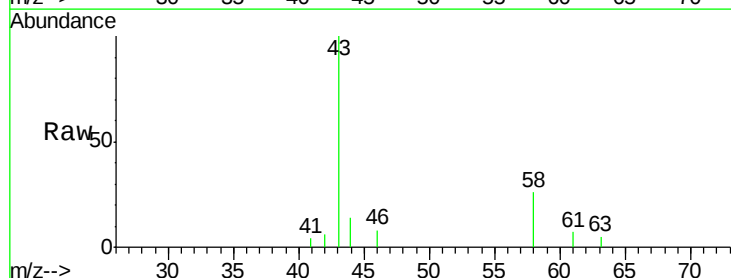
Instrument :
 MSVOA_U
 ClientSampleId :
 GB228MSD

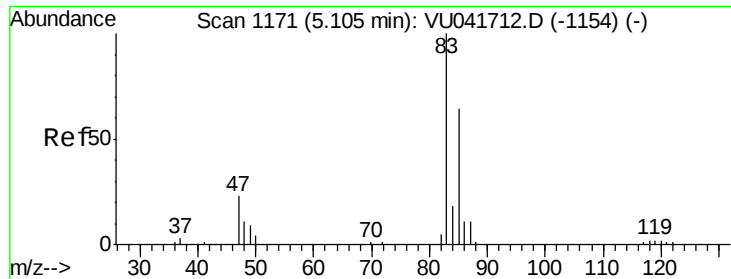
Tot Ion: 96 Resp: 45266
 Ion Ratio Lower Upper
 96 100
 61 163.6 123.8 230.0
 63 112.9 81.0 150.4



#13
 Acetone
 Concen: 3.409 ug/L
 RT: 2.66 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: VU041721.D
 Acq: 22 Dec 2020 01:19

Tgt Ion: 43 Resp: 6514
 Ion Ratio Lower Upper
 43 100
 58 16.5 0.0 73.2

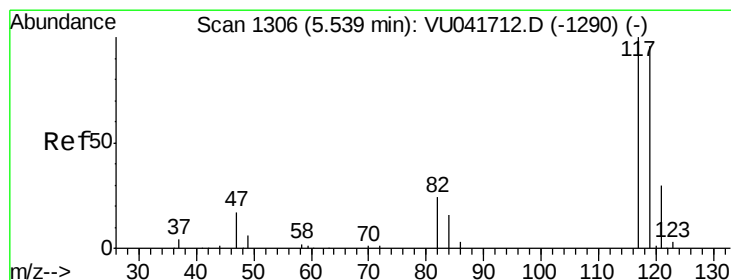
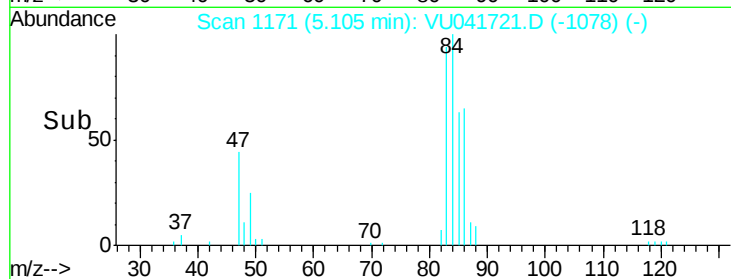
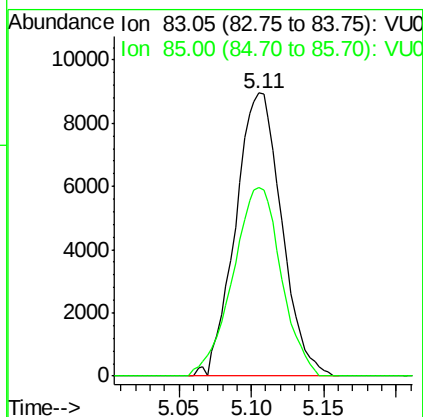
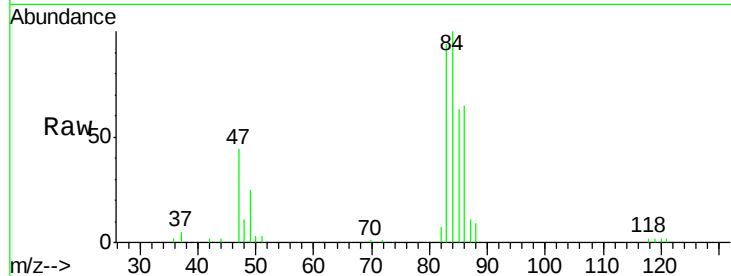




#25
Chloroform
Concen: 1.121 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU041721.D
Acq: 22 Dec 2020 01:19

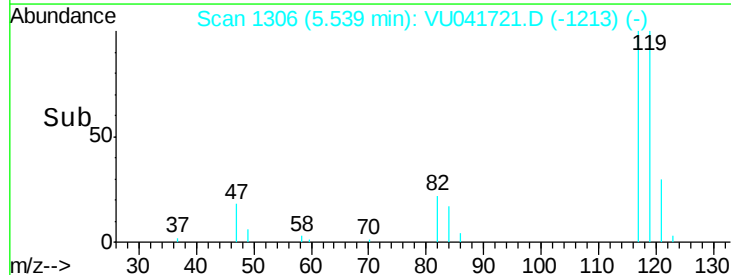
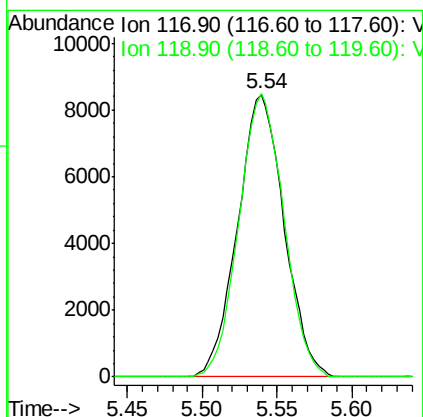
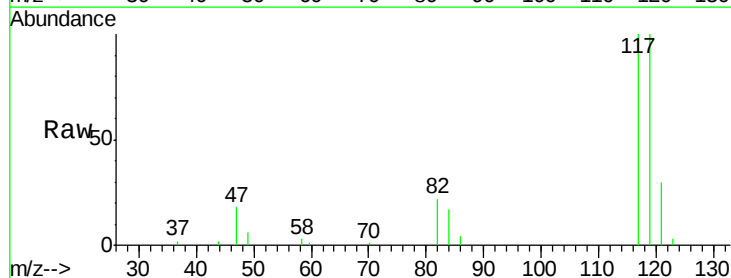
Instrument :
MSVOA_U
ClientSampleId :
GB228MSD

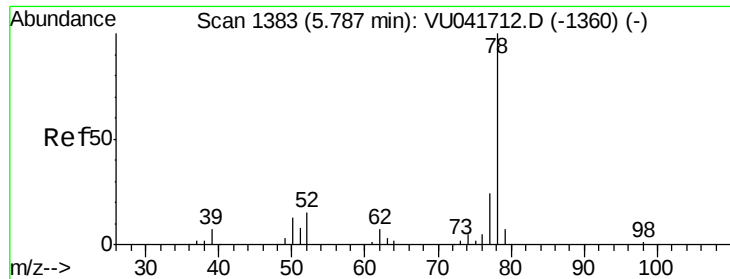
Tot Ion: 83 Resp: 19809
Ion Ratio Lower Upper
83 100
85 66.7 44.2 82.0



#31
Carbon tetrachloride
Concen: 1.445 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. -0.00 min
Lab File: VU041721.D
Acq: 22 Dec 2020 01:19

Tgt Ion: 117 Resp: 18256
Ion Ratio Lower Upper
117 100
119 97.3 76.2 114.2





#33

Benzene

Concen: 5.175 ug/L

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU041721.D

Acq: 22 Dec 2020 01:19

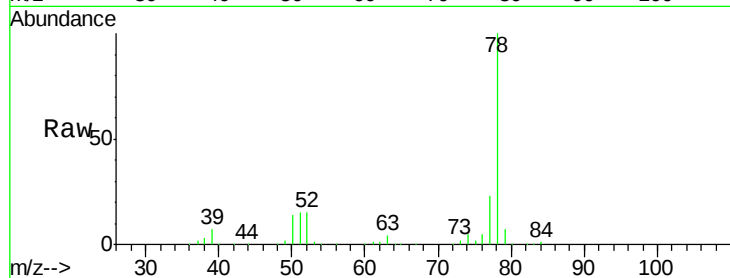
Instrument :

MSVOA_U

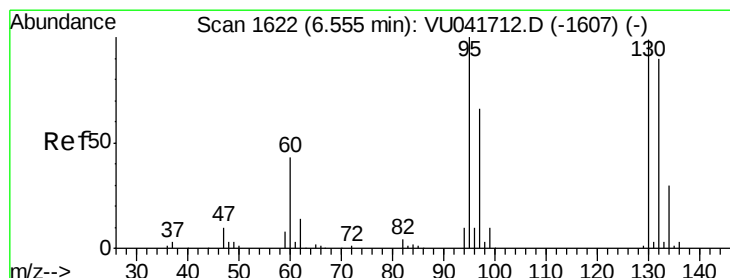
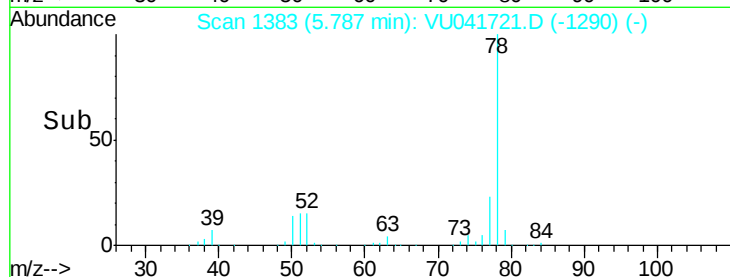
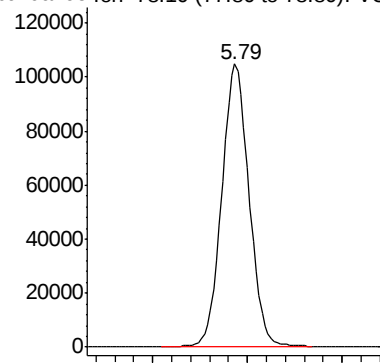
ClientSampleId :

GB228MSD

Tgt Ion: 78 Resp: 210517



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 5.472 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU041721.D

Acq: 22 Dec 2020 01:19

Tgt Ion: 95 Resp: 55930

Ion	Ratio	Lower	Upper
95	100		
97	62.2	43.9	81.5
132	94.6	63.1	117.3
130	99.3	67.4	125.2

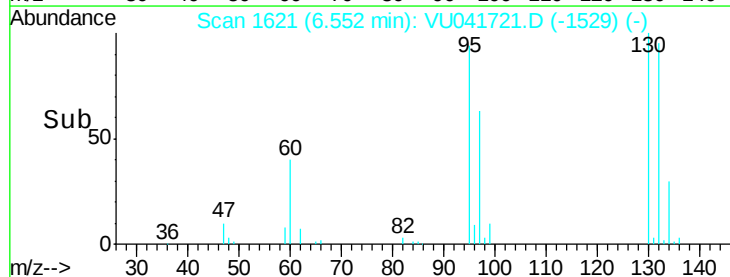
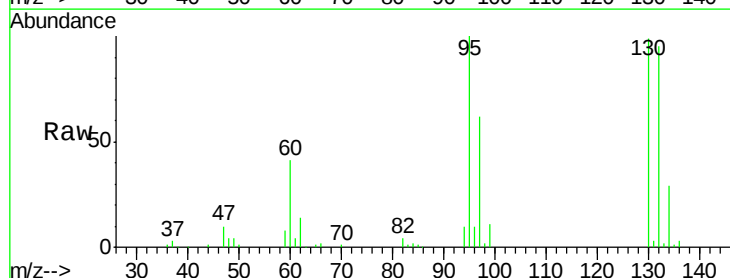
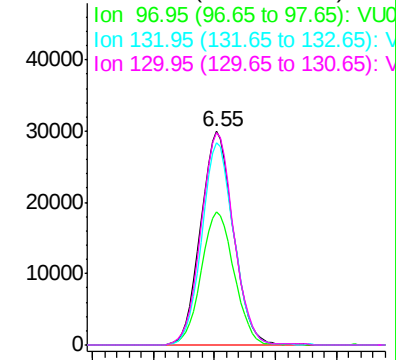
Ion 95.00 (94.70 to 95.70): VU0

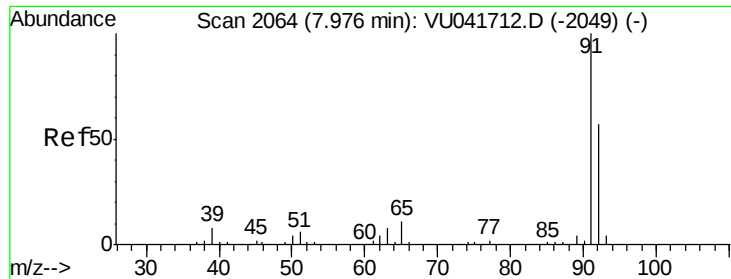
Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): VU0

Ion 129.95 (129.65 to 130.65): VU0

Abundance Ion 95.00 (94.70 to 95.70): VU0





#42

Toluene

Concen: 5.357 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU041721.D

Acq: 22 Dec 2020 01:19

Instrument :

MSVOA_U

ClientSampled :

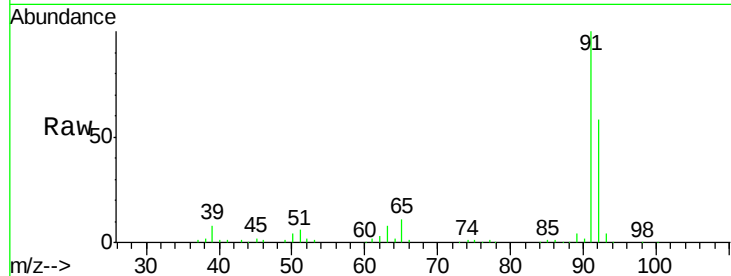
GB228MSD

Tot Ion: 91 Resp: 224983

Ion Ratio Lower Upper

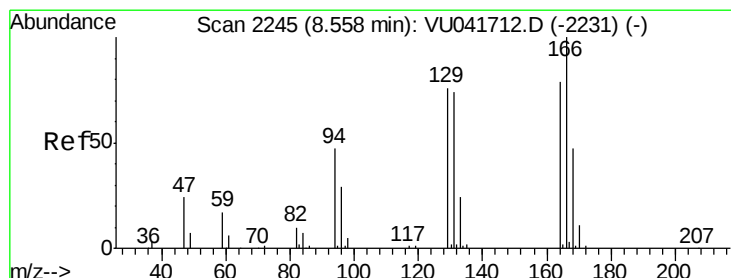
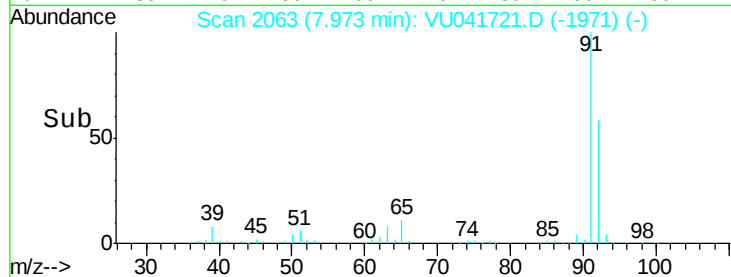
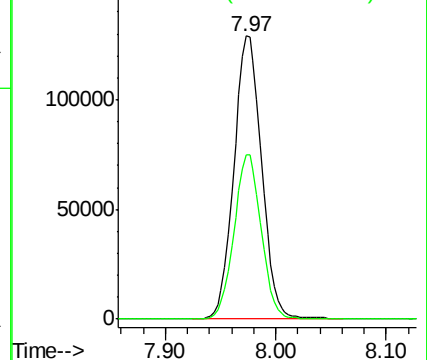
91 100

92 58.0 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



#47

Tetrachloroethene

Concen: 0.196 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU041721.D

Acq: 22 Dec 2020 01:19

Tgt Ion: 164 Resp: 1406

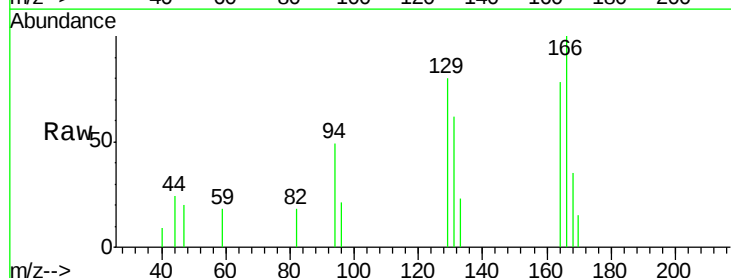
Ion Ratio Lower Upper

164 100

129 102.9 72.2 134.0

131 79.7 66.9 124.3

166 128.4 89.6 166.4

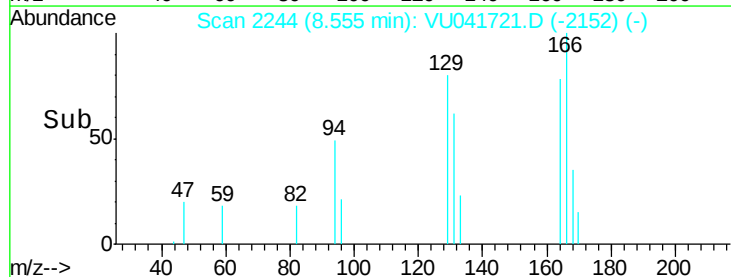
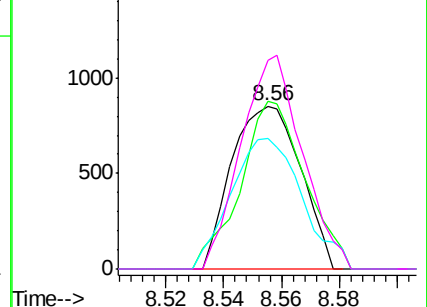


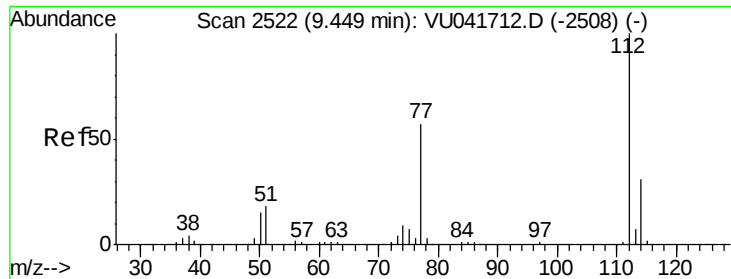
Abundance Ion 163.90 (163.60 to 164.60): V

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





#51

Chlorobenzene

Concen: 5.397 ug/L

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

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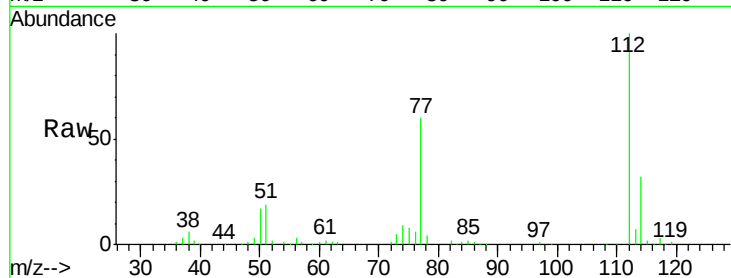
Tot Ion:112 Resp: 140878

Ion Ratio Lower Upper

112 100

114 32.1 22.7 42.3

77 59.9 49.1 73.7



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU0

