

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122120\
 Data File : VU041720.D
 Acq On : 22 Dec 2020 00:55
 Operator : SY/MD
 Sample : L5161-02MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB228MS

Manual Integrations
 APPROVED

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 12/23/2020 11:31:07 AM

Quant Time: Dec 22 06:50:19 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	136013	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	132128	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57417	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	38804	3.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.00%
7) Chloroethane-d5	1.92	69	37068	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.58	63	80408	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.20%
20) 2-Butanone-d5	4.65	46	178514	58.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.88%
24) Chloroform-d	5.08	84	86601	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.72	65	53249	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.74	84	179863	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.70	67	61539	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.90	98	159044	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	8.19	79	27104	5.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.60%
46) 2-Hexanone-d5	8.64	63	176758	60.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.24%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	54568	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	54774	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	44507	4.824	ug/L	95
13) Acetone	2.66	43	6133m	3.157	ug/L	
25) Chloroform	5.11	83	20535	1.143	ug/L	97
31) Carbon tetrachloride	5.54	117	17258	1.315	ug/L	96
33) Benzene	5.79	78	226727	5.365	ug/L	100
34) Trichloroethene	6.56	95	57509	5.416	ug/L	96
42) Toluene	7.97	91	238720	5.472	ug/L	100
47) Tetrachloroethene	8.56	164	1448	0.195	ug/L	85
51) Chlorobenzene	9.45	112	150916	5.565	ug/L	99

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

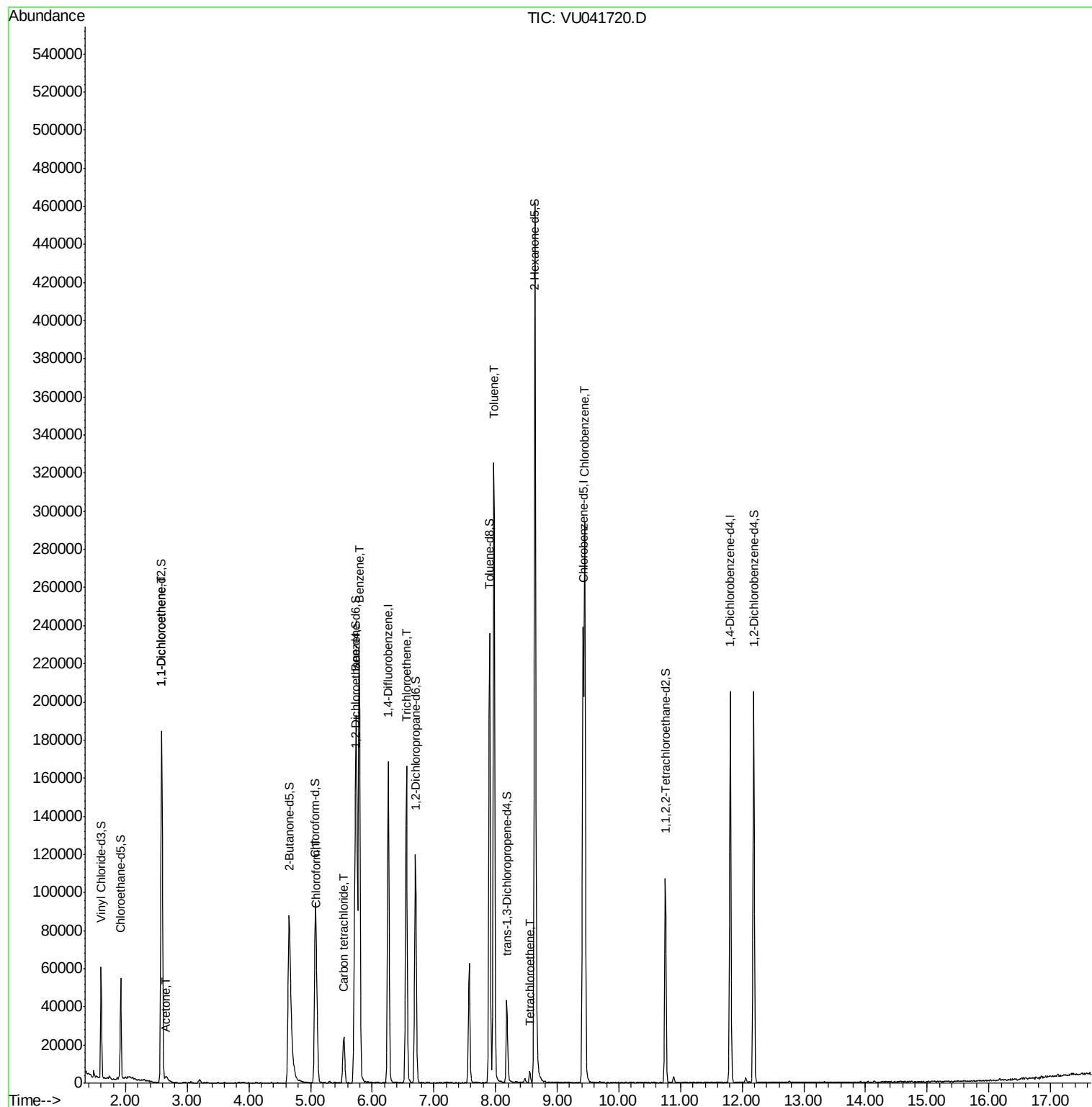
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU122120\
Data File : VU041720.D
Acq On : 22 Dec 2020 00:55
Operator : SY/MD
Sample : L5161-02MS
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 32 Sample Multiplier: 1

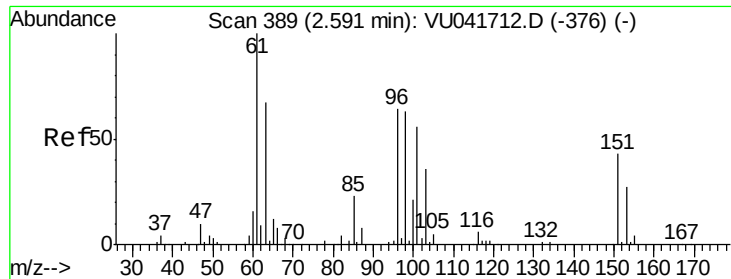
Instrument :
MSVOA_U
ClientSampleId :
GB228MS

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Quant Time: Dec 22 06:50:19 2020
Quant Method : Z:\V0ASRV\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





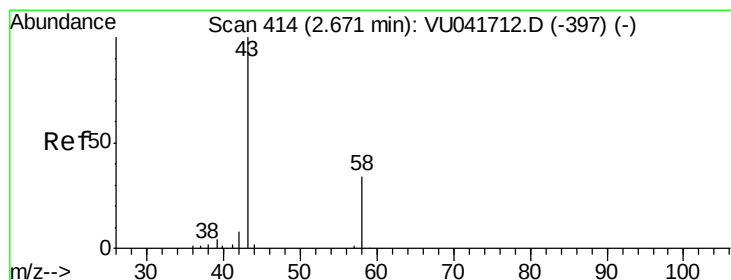
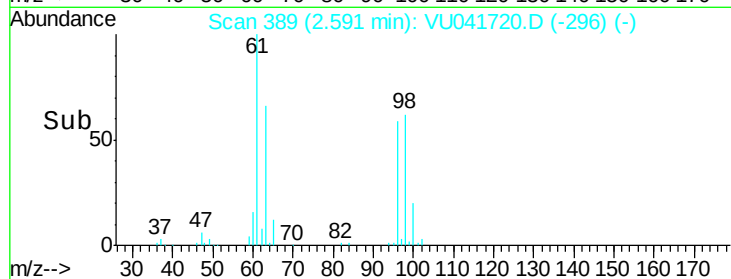
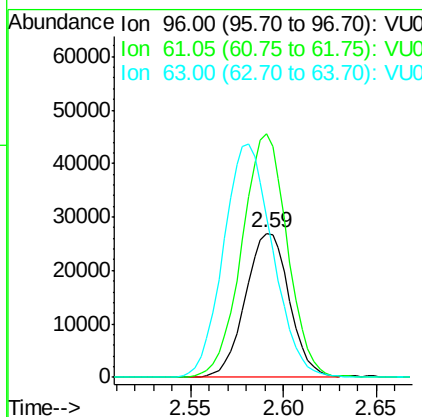
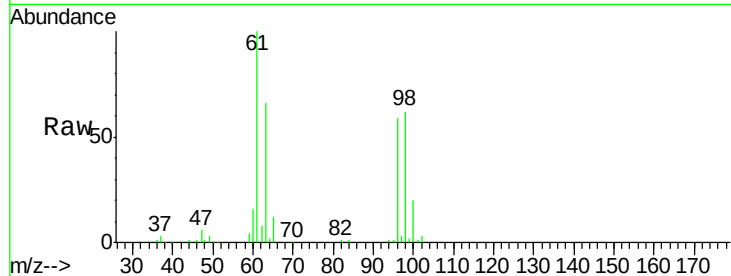
#12
 1,1-Dichloroethene
 Concen: 4.824 ug/L
 RT: 2.59 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VU041720.D
 Acq: 22 Dec 2020 00:55

Instrument :
 MSVOA_U
 ClientSampleId :
 GB228MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	169.0	123.8	230.0
63	111.8	81.0	150.4

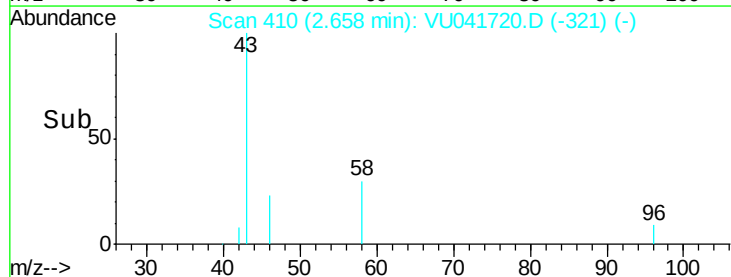
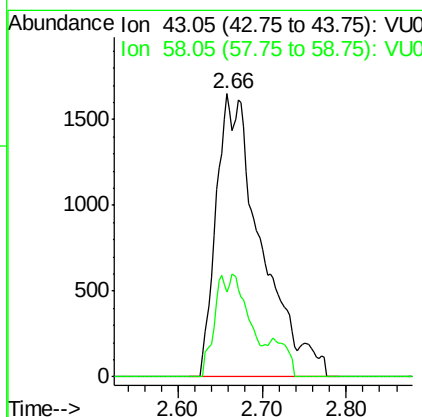
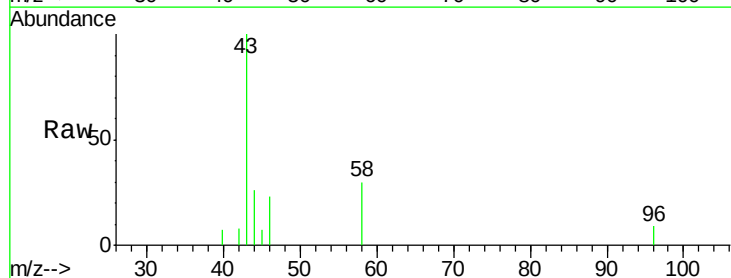
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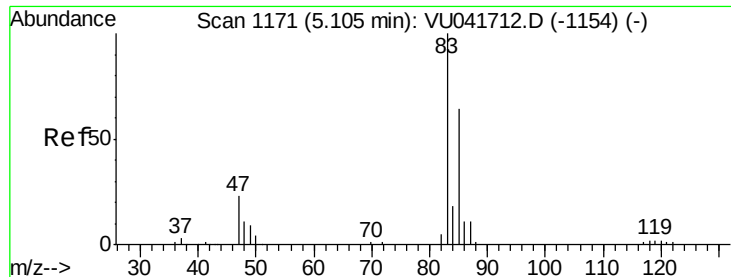
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#13
 Acetone
 Concen: 3.157 ug/L m
 RT: 2.66 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: VU041720.D
 Acq: 22 Dec 2020 00:55

Tgt Ion	Ratio	Lower	Upper
43	100		
58	15.9	0.0	73.2





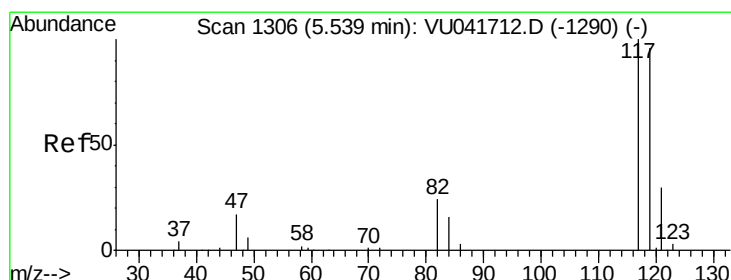
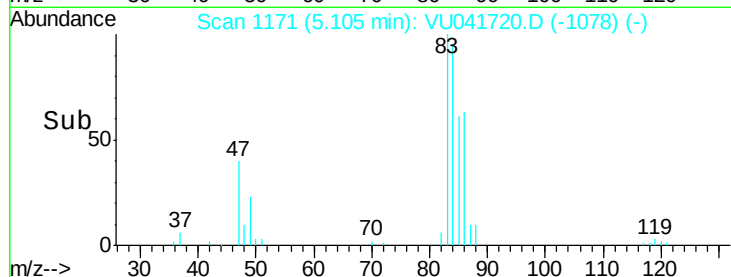
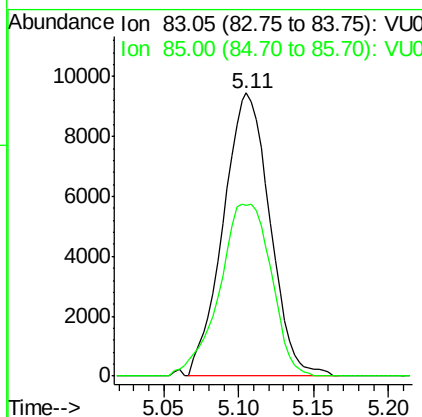
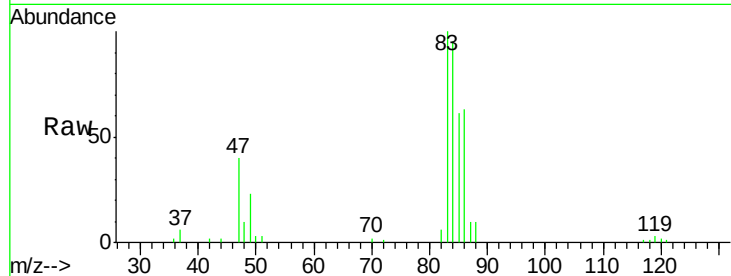
#25
Chloroform
Concen: 1.143 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU041720.D
Acq: 22 Dec 2020 00:55

Instrument :
MSVOA_U
ClientSampleId :
GB228MS

Tot Ion	83	Resp	20535
Ion Ratio	100	Lower	Upper
85	60.5	44.2	82.0

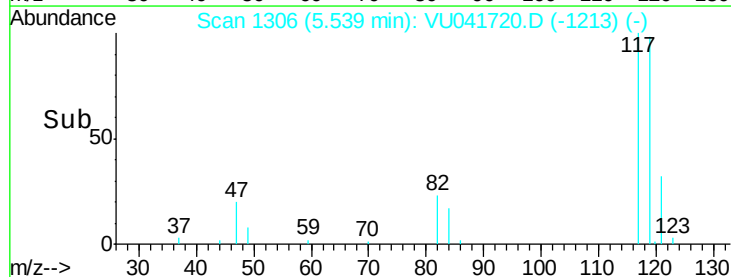
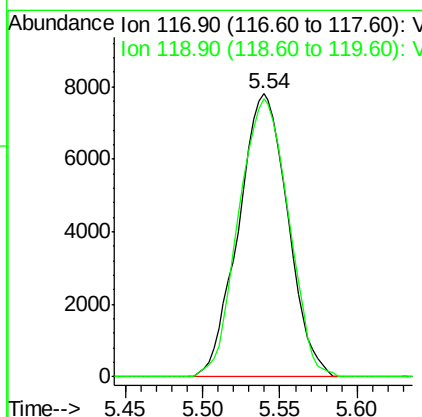
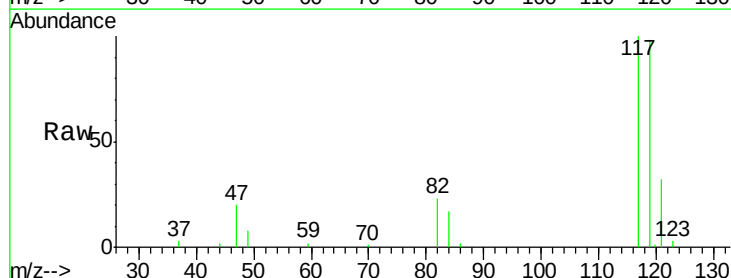
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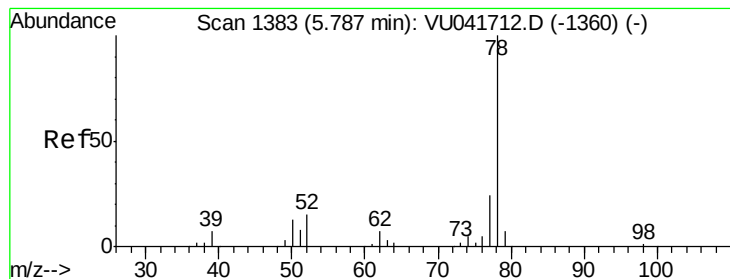
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#31
Carbon tetrachloride
Concen: 1.315 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU041720.D
Acq: 22 Dec 2020 00:55

Tgt Ion	117	Resp	17258
Ion Ratio	100	Lower	Upper
119	99.4	76.2	114.2





#33

Benzene

Concen: 5.365 ug/L

RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

Lab File: VU041720.D

Acq: 22 Dec 2020 00:55

Instrument :

MSVOA_U

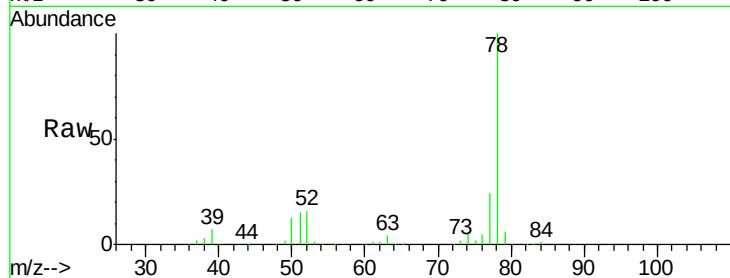
ClientSampleId :

GB228MS

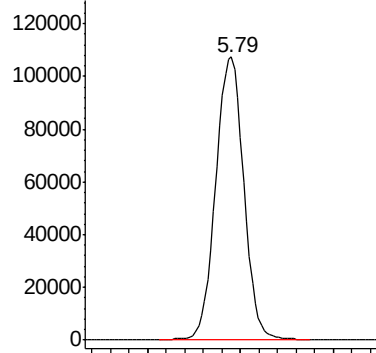
Tgt Ion: 78 Resp: 226727

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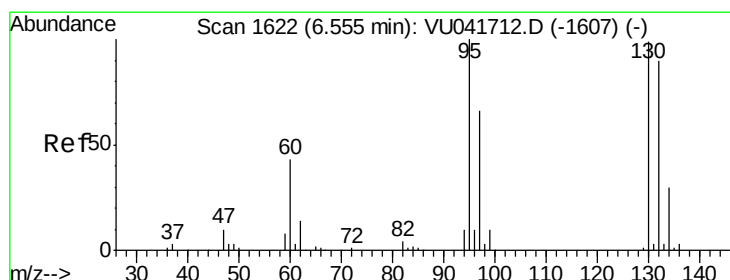
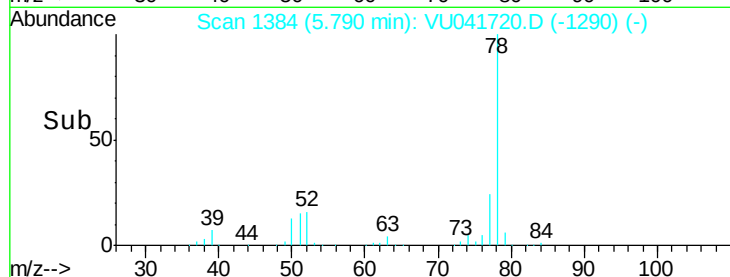
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Abundance Ion 78.10 (77.80 to 78.80): VU0



Time-->



#34

Trichloroethene

Concen: 5.416 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU041720.D

Acq: 22 Dec 2020 00:55

Tgt Ion: 95 Resp: 57509

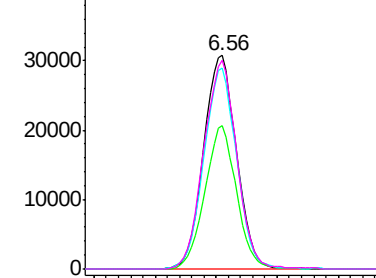
Ion	Ratio	Lower	Upper
95	100		
97	67.4	43.9	81.5
132	94.1	63.1	117.3
130	97.6	67.4	125.2

Abundance Ion 95.00 (94.70 to 95.70): VU0

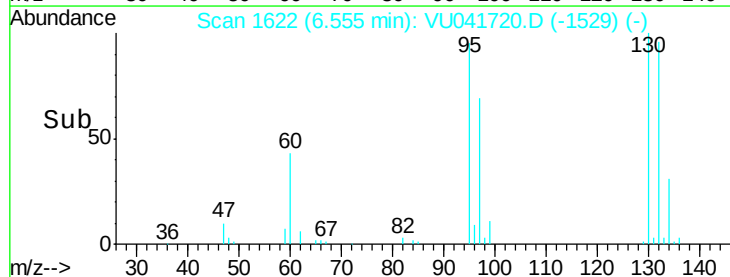
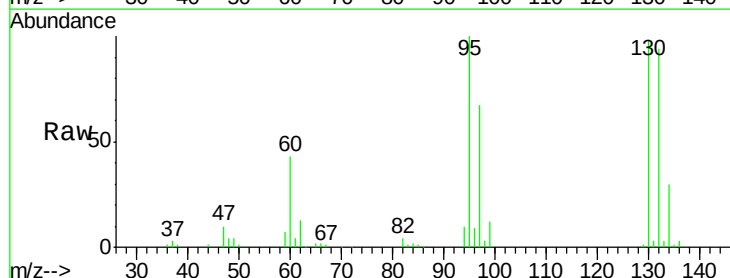
Ion 96.95 (96.65 to 97.65): VU0

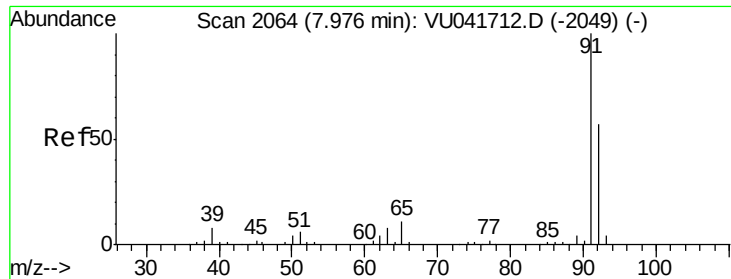
Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



Time-->





#42

Toluene

Concen: 5.472 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU041720.D

Acq: 22 Dec 2020 00:55

Instrument :

MSVOA_U

ClientSampleId :

GB228MS

Tot Ion: 91 Resp: 238720

Ion Ratio Lower Upper

91 100

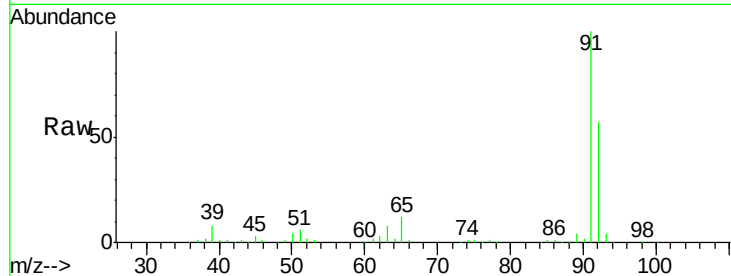
92 57.2 40.0 74.2

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Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

7.97

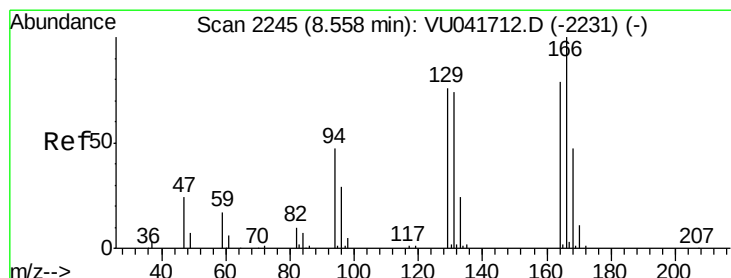
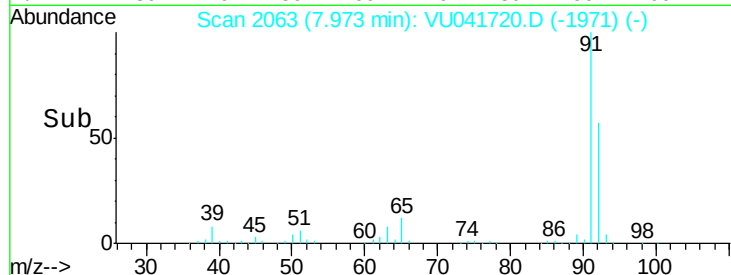
150000

100000

50000

0

Time-->



#47

Tetrachloroethene

Concen: 0.195 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU041720.D

Acq: 22 Dec 2020 00:55

Tgt Ion: 164 Resp: 1448

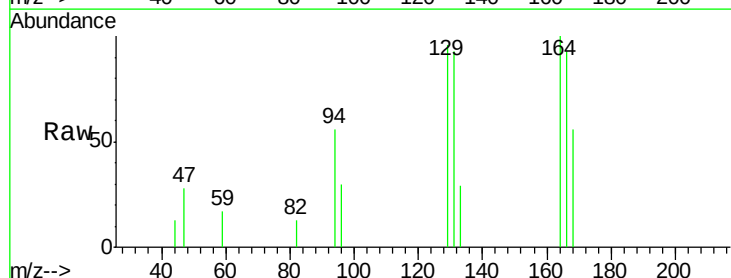
Ion Ratio Lower Upper

164 100

129 95.6 72.2 134.0

131 93.2 66.9 124.3

166 93.1 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

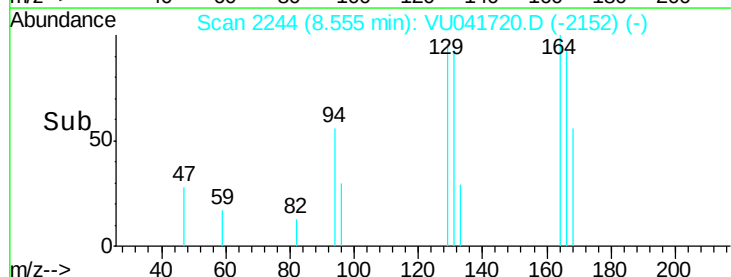
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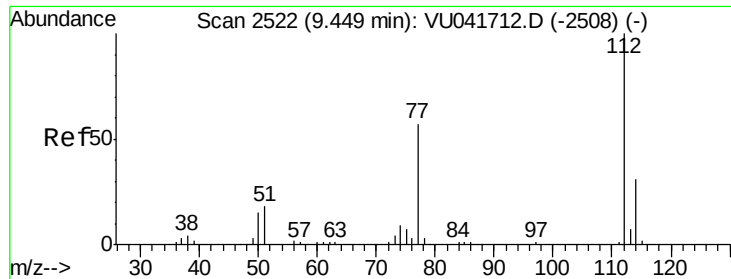
1000

500

0

Time-->





#51
 Chlorobenzene
 Concen: 5.565 ug/L
 RT: 9.45 min Scan# 2521
 Delta R.T. -0.00 min
 Lab File: VU041720.D
 Acq: 22 Dec 2020 00:55

Instrument :
 MSVOA_U
 ClientSampleId :
 GB228MS

Tot Ion:	112	Resp:	150916
Ion Ratio	Lower	Upper	
112	100		
114	30.9	22.7	42.3
77	60.9	49.1	73.7

Manual Integrations
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