

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010921\
 Data File : VU041908.D
 Acq On : 08 Jan 2021 16:24
 Operator : SY/MD
 Sample : M1049-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ7

Quant Time: Jan 09 02:50:42 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 09 01:31:59 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	115868	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	108753	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46290	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	33530	3.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.00%
7) Chloroethane-d5	1.92	69	38930	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.00%
11) 1,1-Dichloroethene-d2	2.58	63	49526	2.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.40%#
20) 2-Butanone-d5	4.66	46	158273	60.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.66%
24) Chloroform-d	5.08	84	87705	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.00%
26) 1,2-Dichloroethane-d4	5.72	65	49422	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.20%
32) Benzene-d6	5.74	84	154656	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.70	67	51852	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.90	98	115121	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	8.19	79	18900	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.64	63	128547	53.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.12%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	51492	5.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	48518	5.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.80%

Target Compounds

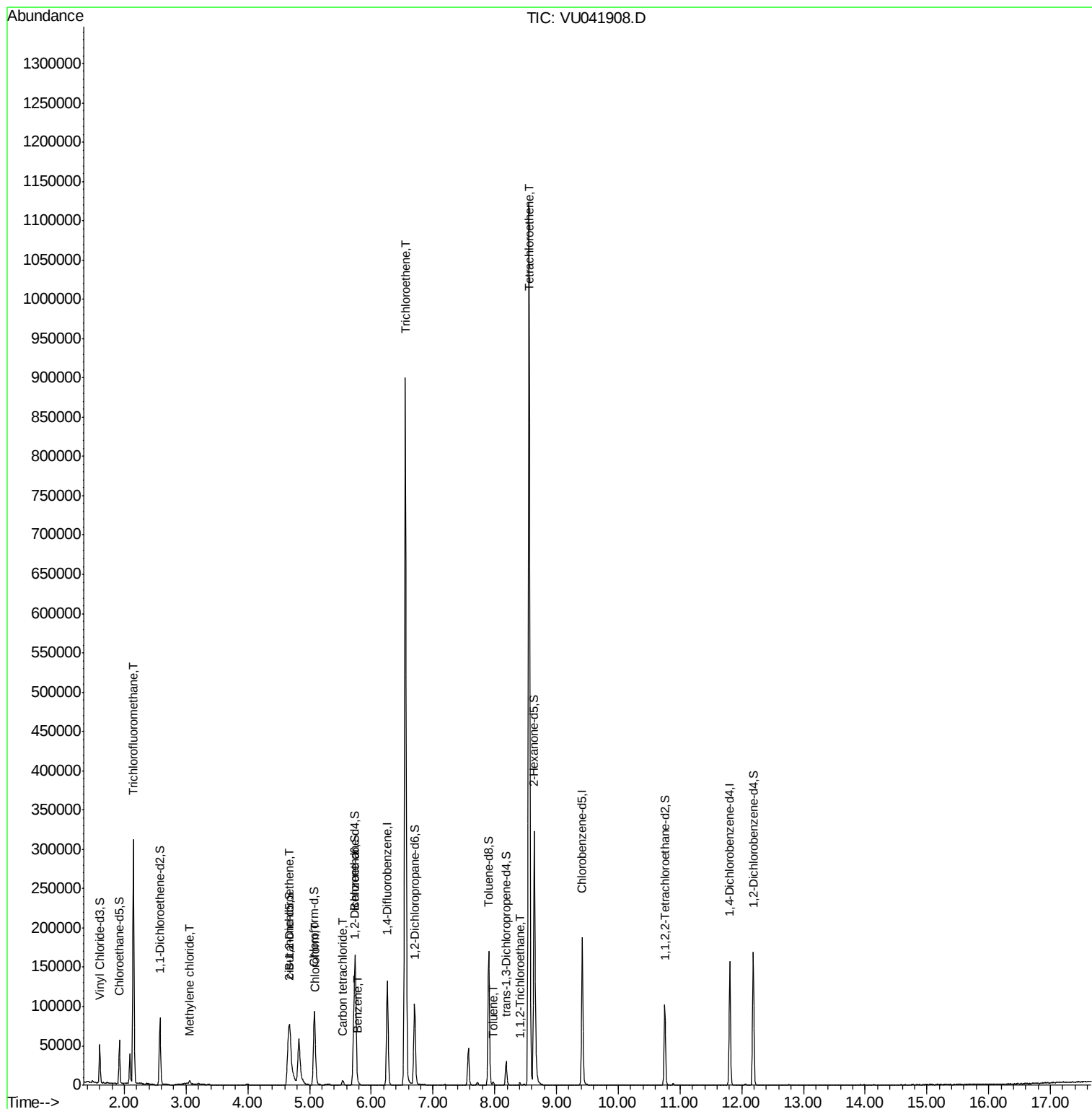
					Qvalue
9) Trichlorofluoromethane	2.15	101	200415	15.037 ug/L	99
16) Methylene chloride	3.06	84	1921	0.205 ug/L	79
22) cis-1,2-Dichloroethene	4.68	96	14746	1.641 ug/L	89
25) Chloroform	5.10	83	4188	0.274 ug/L	94
31) Carbon tetrachloride	5.54	117	4263	0.395 ug/L	96
33) Benzene	5.79	78	3202	0.092 ug/L	100
34) Trichloroethene	6.55	95	312424	35.747 ug/L	93
42) Toluene	7.97	91	2883	0.080 ug/L	85
45) 1,1,2-Trichloroethane	8.40	97	1105	0.168 ug/L	91
47) Tetrachloroethene	8.56	164	262116	42.842 ug/L	96

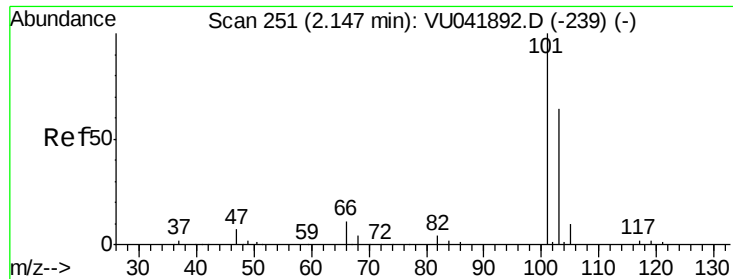
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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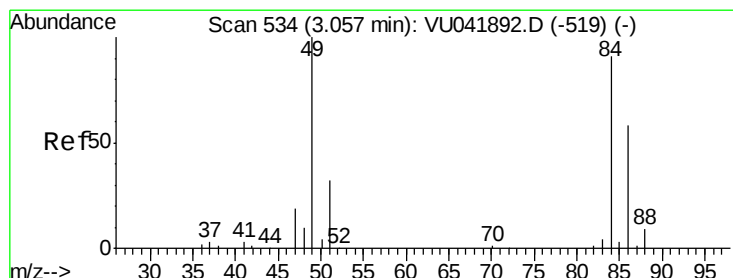
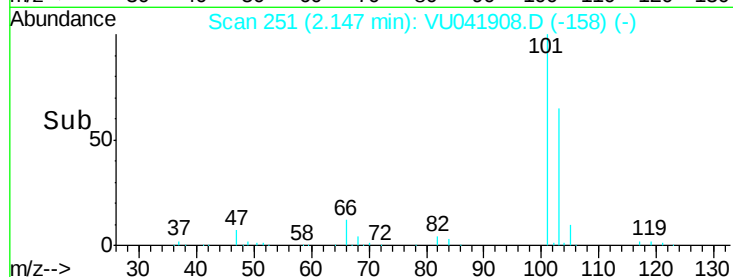
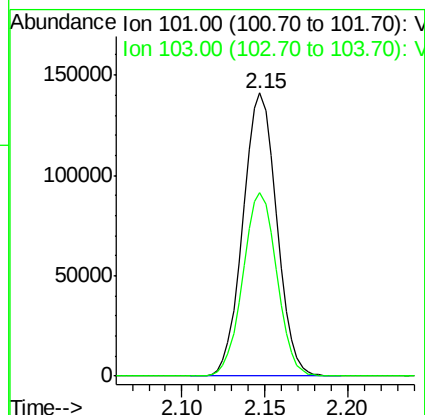
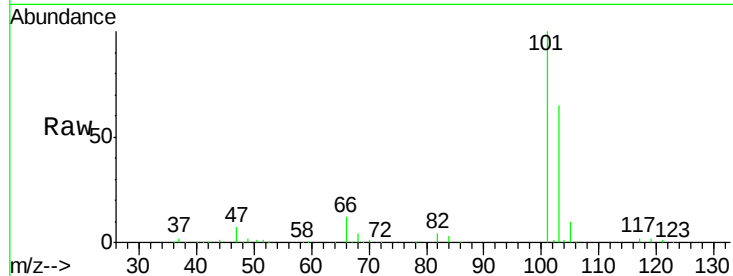


#9

Trichlorofluoromethane
Concen: 15.037 ug/L
RT: 2.15 min Scan# 251
Delta R.T. 0.00 min
Lab File: VU041908.D
Acq: 08 Jan 2021 16:24

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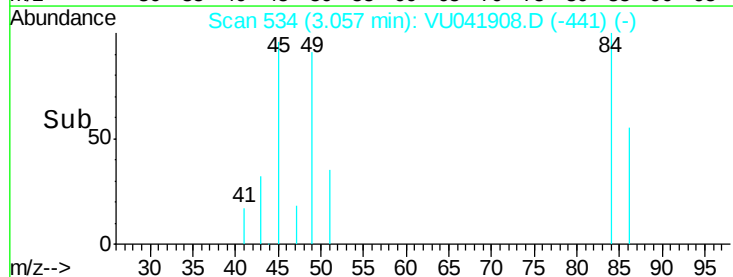
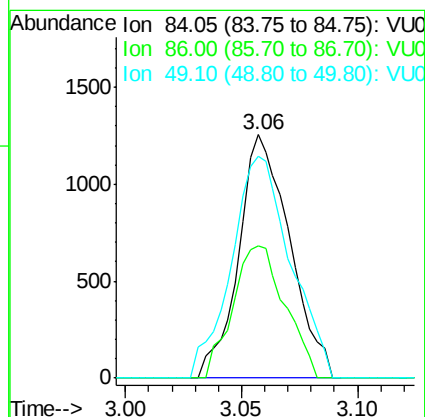
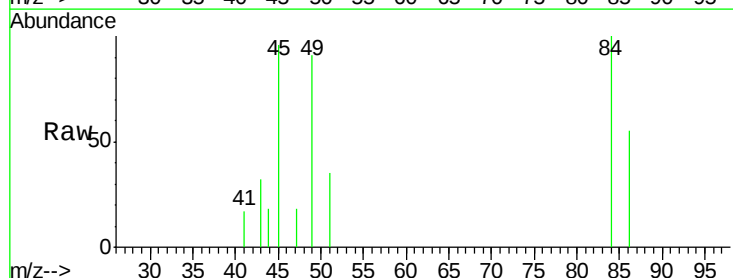
Tgt Ion: 101 Resp: 200415
Ion Ratio Lower Upper
101 100
103 64.9 51.1 76.7

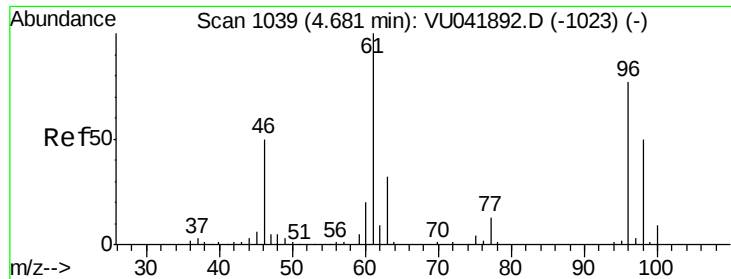


#16

Methylene chloride
Concen: 0.205 ug/L
RT: 3.06 min Scan# 534
Delta R.T. 0.00 min
Lab File: VU041908.D
Acq: 08 Jan 2021 16:24

Tgt Ion: 84 Resp: 1921
Ion Ratio Lower Upper
84 100
86 54.5 45.1 83.7
49 90.9 83.1 154.3





#22

cis-1,2-Dichloroethene

Concen: 1.641 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU041908.D

Acq: 08 Jan 2021 16:24

Instrument :

MSVOA_U

ClientSampleId :

C0AQ7

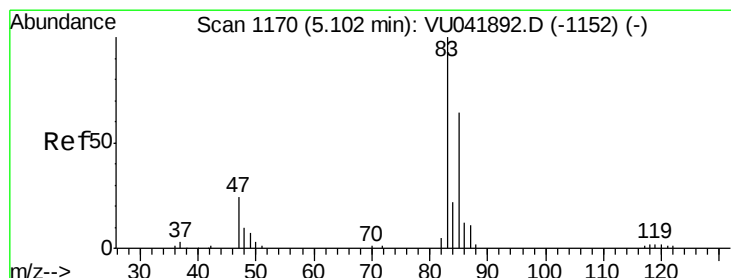
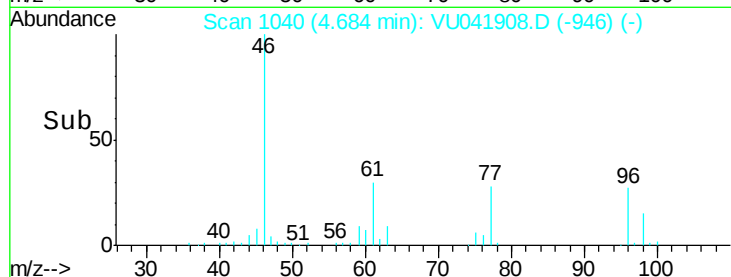
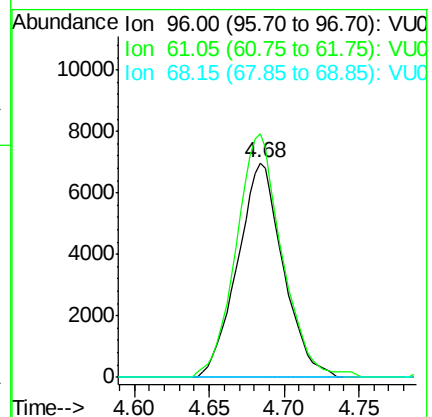
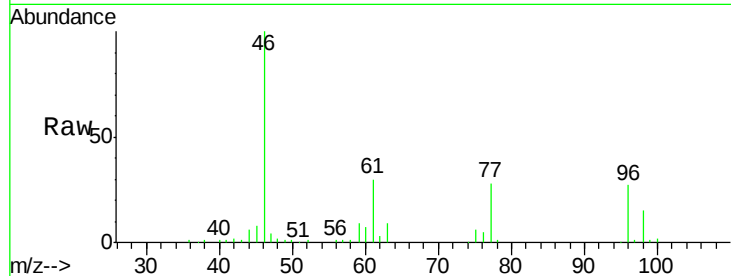
Tgt Ion: 96 Resp: 14746

Ion Ratio Lower Upper

96 100

61 113.7 88.8 165.0

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.274 ug/L

RT: 5.10 min Scan# 1170

Delta R.T. 0.00 min

Lab File: VU041908.D

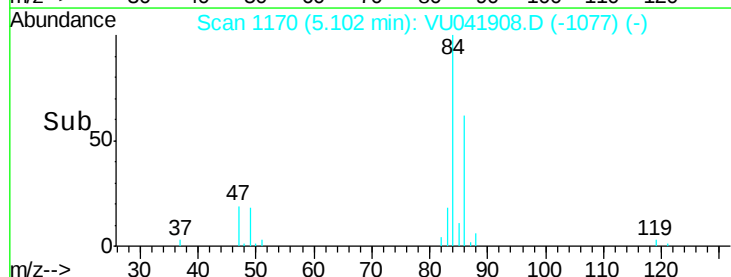
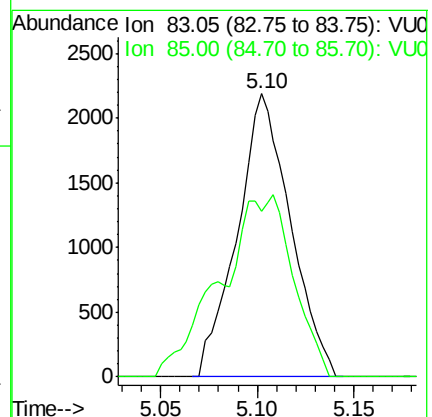
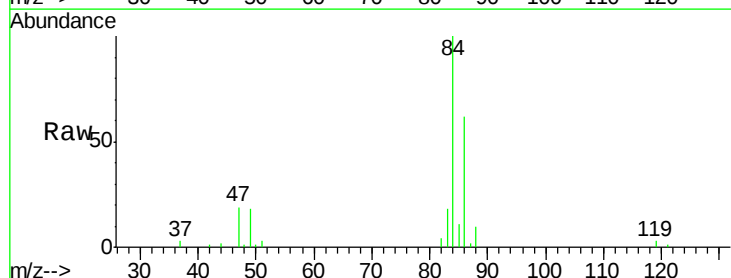
Acq: 08 Jan 2021 16:24

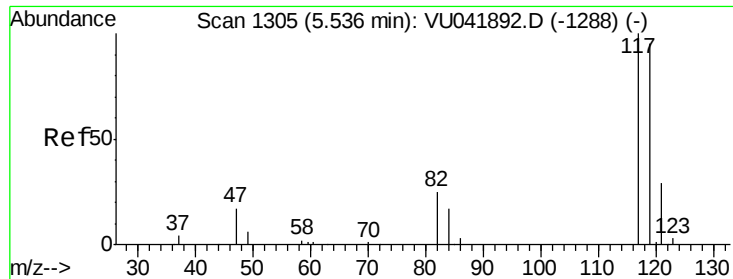
Tgt Ion: 83 Resp: 4188

Ion Ratio Lower Upper

83 100

85 58.6 44.2 82.0

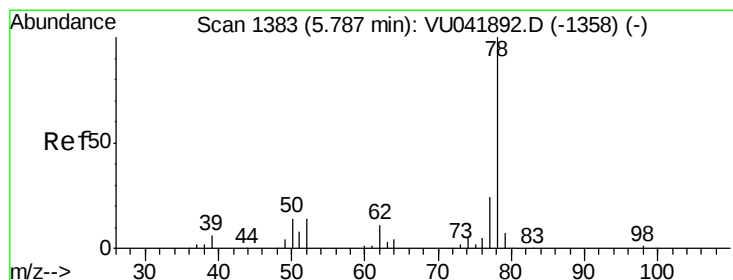
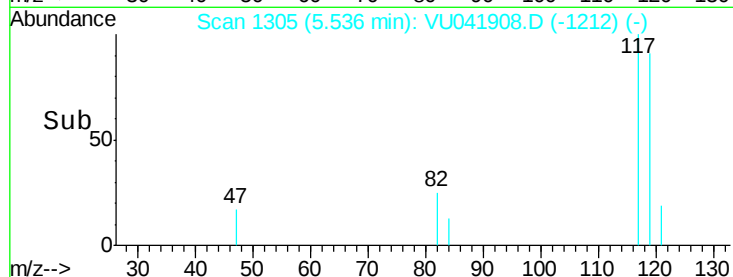
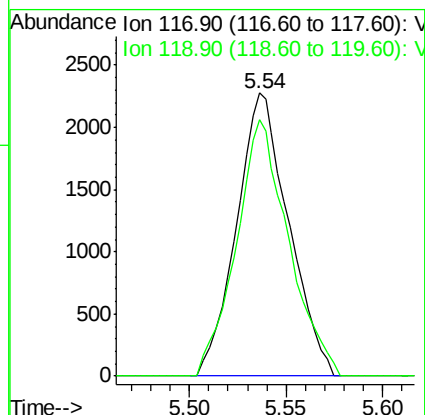
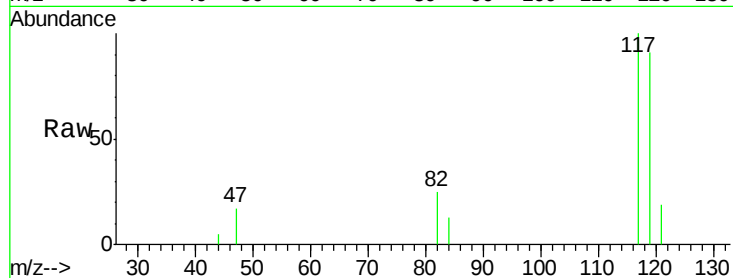




#31
Carbon tetrachloride
Concen: 0.395 ug/L
RT: 5.54 min Scan# 1305
Delta R.T. 0.00 min
Lab File: VU041908.D
Acq: 08 Jan 2021 16:24

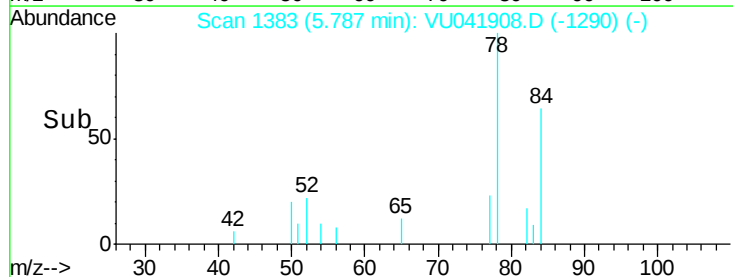
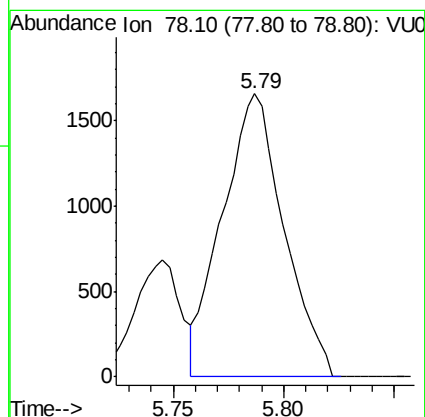
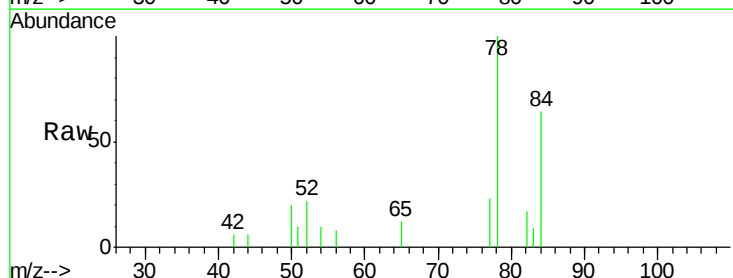
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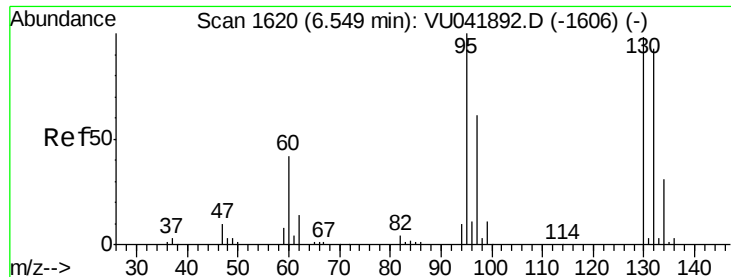
Tgt Ion: 117 Resp: 4263
Ion Ratio Lower Upper
117 100
119 90.9 76.2 114.2



#33
Benzene
Concen: 0.092 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VU041908.D
Acq: 08 Jan 2021 16:24

Tgt Ion: 78 Resp: 3202

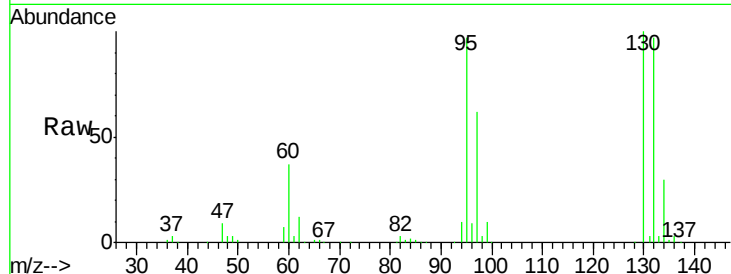




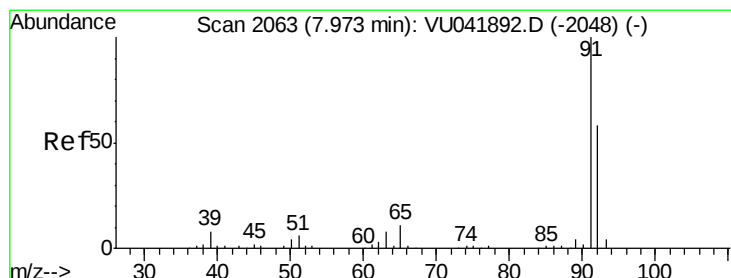
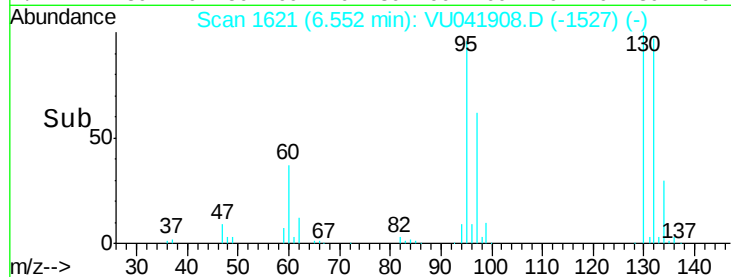
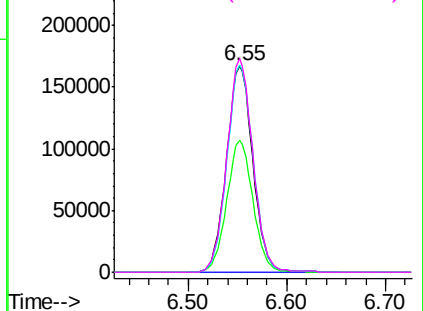
#34
 Trichloroethene
 Concen: 35.747 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU041908.D
 Acq: 08 Jan 2021 16:24

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ7

Tgt Ion: 95 Resp: 312424
 Ion Ratio Lower Upper
 95 100
 97 64.0 43.9 81.5
 132 100.7 63.1 117.3
 130 103.5 67.4 125.2

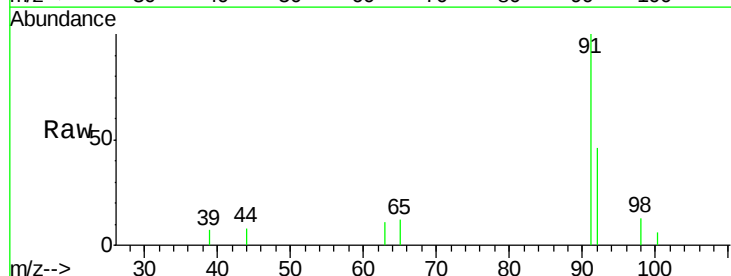


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

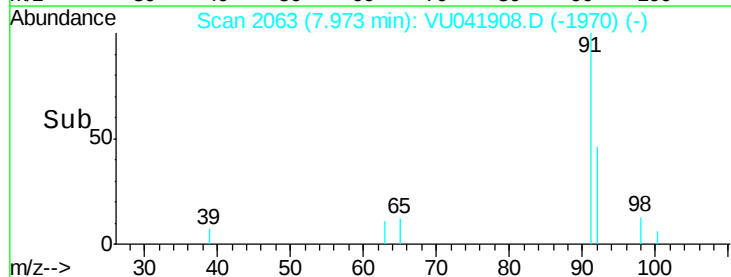
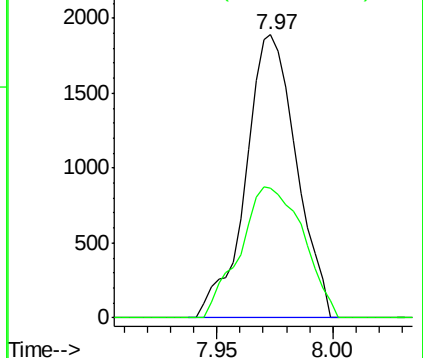


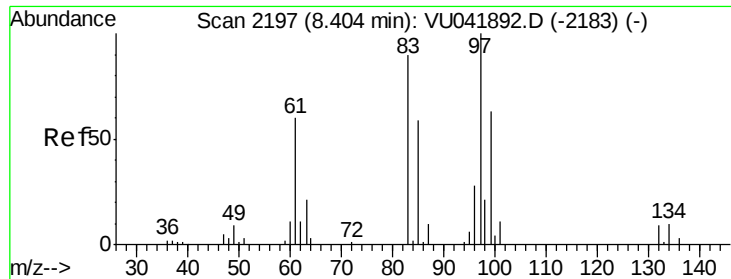
#42
 Toluene
 Concen: 0.080 ug/L
 RT: 7.97 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VU041908.D
 Acq: 08 Jan 2021 16:24

Tgt Ion: 91 Resp: 2883
 Ion Ratio Lower Upper
 91 100
 92 45.9 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU0
 Ion 92.15 (91.85 to 92.85): VU0

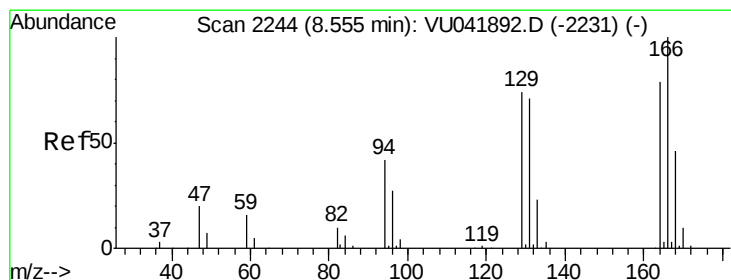
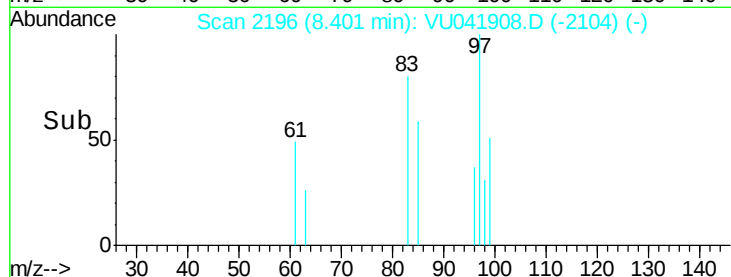
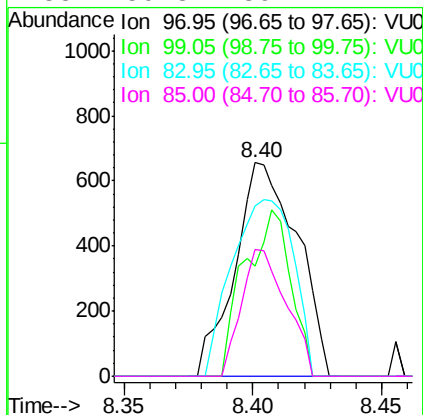
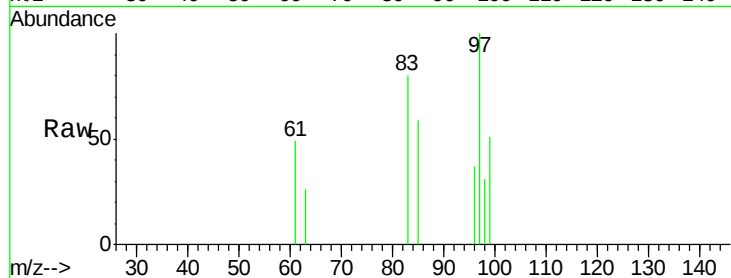




#45
 1,1,2-Trichloroethane
 Concen: 0.168 ug/L
 RT: 8.40 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VU041908.D
 Acq: 08 Jan 2021 16:24

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Tgt Ion:	97	Resp:	1105
Ion	Ratio	Lower	Upper
97	100		
99	51.4	42.1	78.3
83	79.7	62.6	116.2
85	59.3	39.1	72.7



#47
 Tetrachloroethene
 Concen: 42.842 ug/L
 RT: 8.56 min Scan# 2244
 Delta R.T. 0.00 min
 Lab File: VU041908.D
 Acq: 08 Jan 2021 16:24

Tgt Ion:	164	Resp:	262116
Ion	Ratio	Lower	Upper
164	100		
129	93.8	72.2	134.0
131	91.2	66.9	124.3
166	127.8	89.6	166.4

