

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
 Data File : VU042122.D
 Acq On : 20 Jan 2021 22:21
 Operator : SY/MD
 Sample : M1180-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E08

Quant Time: Jan 21 06:02:05 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 21 06:00:33 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

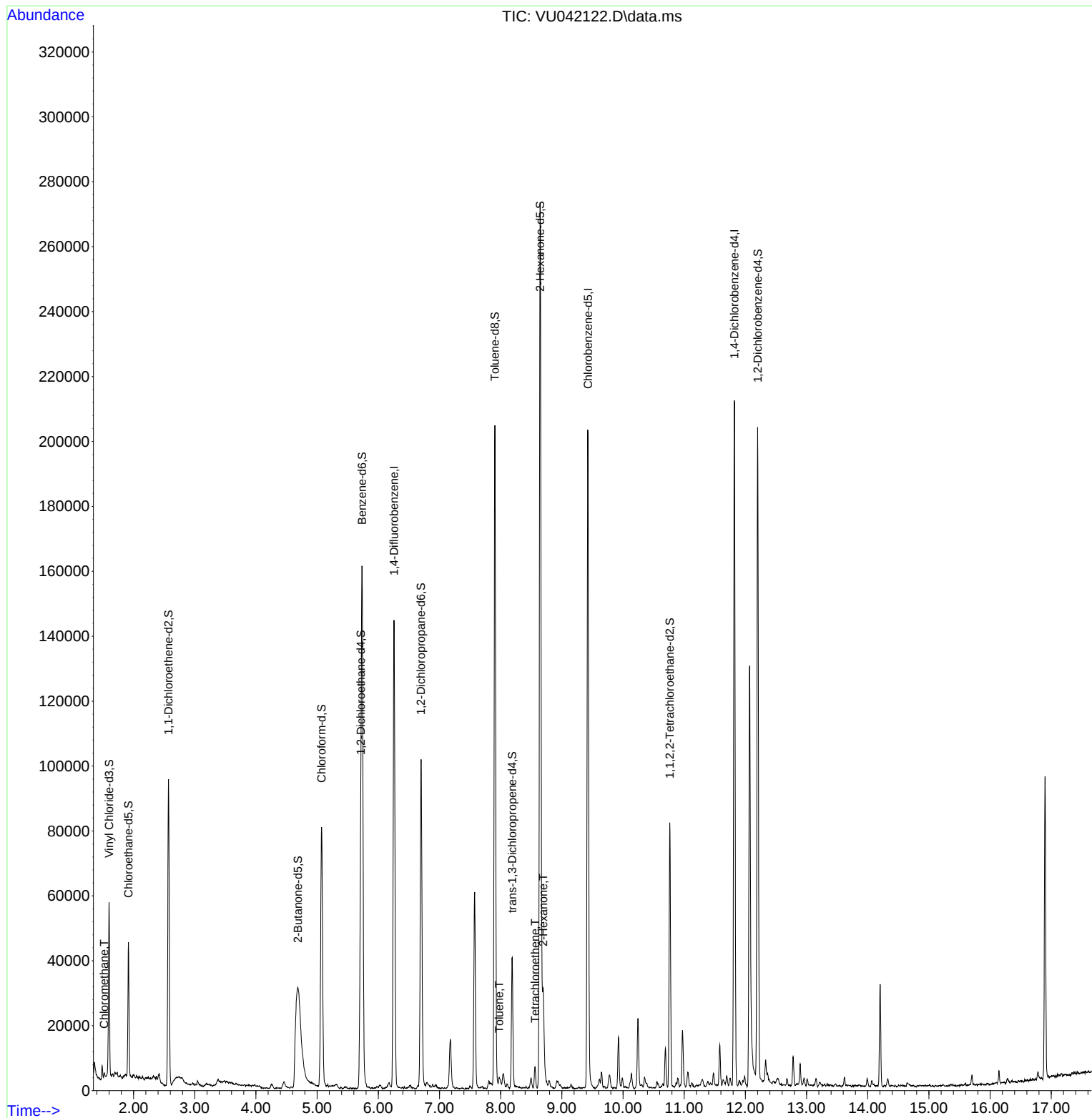
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	114152	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	105359	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	55425	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	33497	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.916	69	27859	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.572	63	58155	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	4.684	46	125631	46.76	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.52%
24) Chloroform-d	5.073	84	72124	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.713	65	44146	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.735	84	136953	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.700	67	45129	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.906	98	125854	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloroprop...	8.189	79	20657	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.645	63	101279	51.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.42%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	38041	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	50591	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	914	0.10	ug/L	97
42) Toluene	7.976	91	2061	0.06	ug/L	90
47) Tetrachloroethene	8.562	164	932	0.13	ug/L	96
48) 2-Hexanone	8.697	43	18351	3.78	ug/L #	95

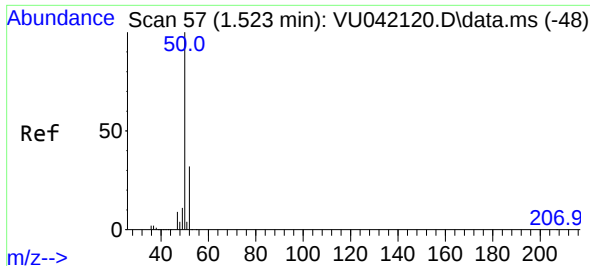
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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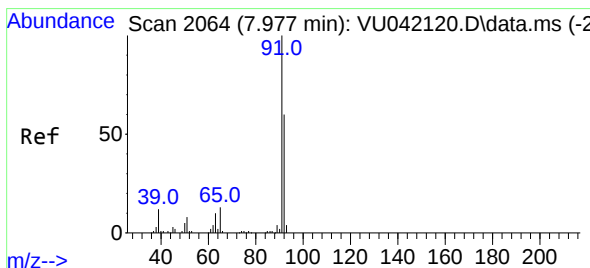
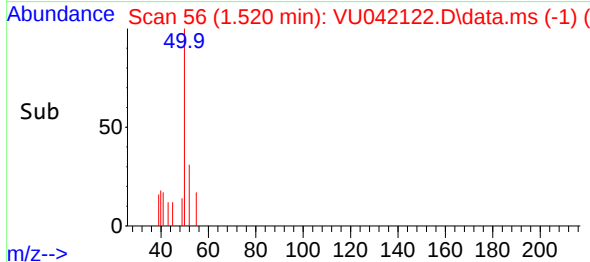
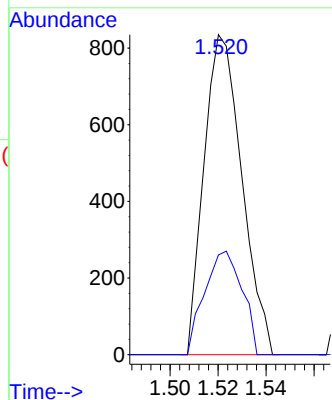
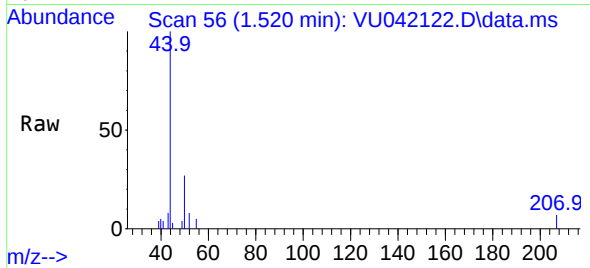




#3
Chloromethane
Concen: 0.10 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042122.D
Acq: 20 Jan 2021 22:21

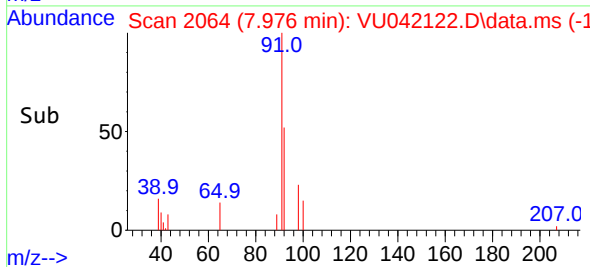
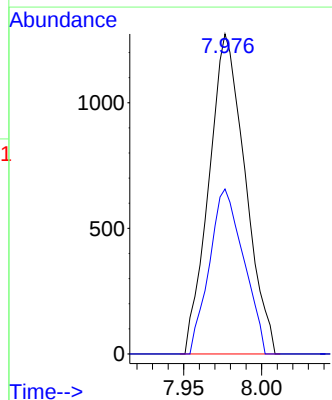
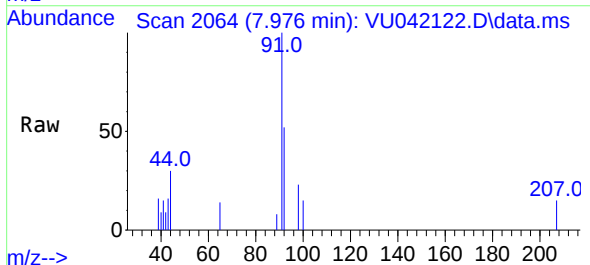
Instrument :
MSVOA_U
ClientSampleId :
F1E08

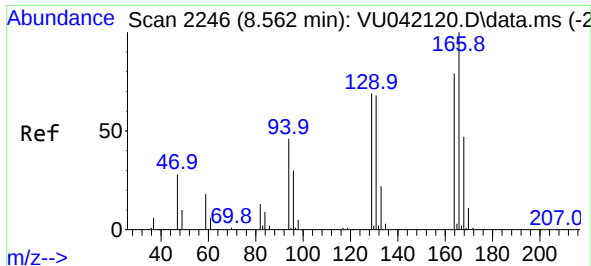
Tgt Ion: 50 Resp: 914
Ion Ratio Lower Upper
50 100
52 31.1 23.0 42.8



#42
Toluene
Concen: 0.06 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042122.D
Acq: 20 Jan 2021 22:21

Tgt Ion: 91 Resp: 2061
Ion Ratio Lower Upper
91 100
92 51.6 41.2 76.6





#47

Tetrachloroethene

Concen: 0.13 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. -0.000 min

Lab File: VU042122.D

Acq: 20 Jan 2021 22:21

Instrument :
MSVOA_U
ClientSampleId :
F1E08

Tgt Ion:164 Resp: 932

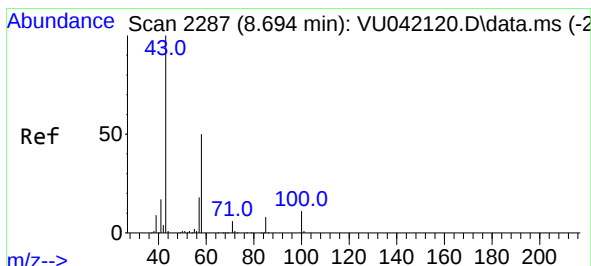
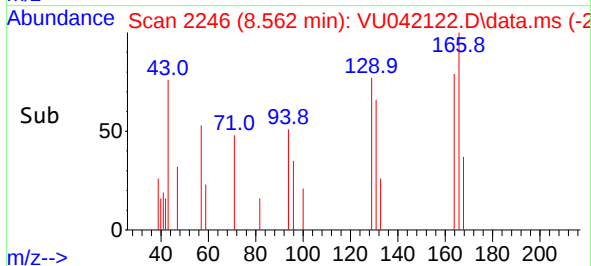
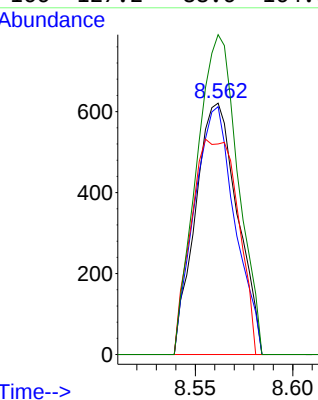
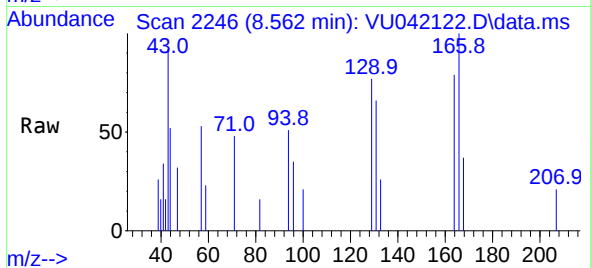
Ion Ratio Lower Upper

164 100

129 98.6 64.3 119.5

131 83.7 62.2 115.6

166 127.2 88.6 164.6



#48

2-Hexanone

Concen: 3.78 ug/L

RT: 8.697 min Scan# 2288

Delta R.T. 0.003 min

Lab File: VU042122.D

Acq: 20 Jan 2021 22:21

Tgt Ion: 43 Resp: 18351

Ion Ratio Lower Upper

43 100

58 48.1 40.6 61.0

57 23.7 14.9 22.3#

100 10.2 8.6 12.8

