

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021122\
 Data File : VU047113.D
 Acq On : 11 Feb 2022 14:31
 Operator : SY/MD
 Sample : N1462-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4M43

Quant Time: Feb 12 01:27:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 12 01:25:35 2022
 Response via : Initial Calibration

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

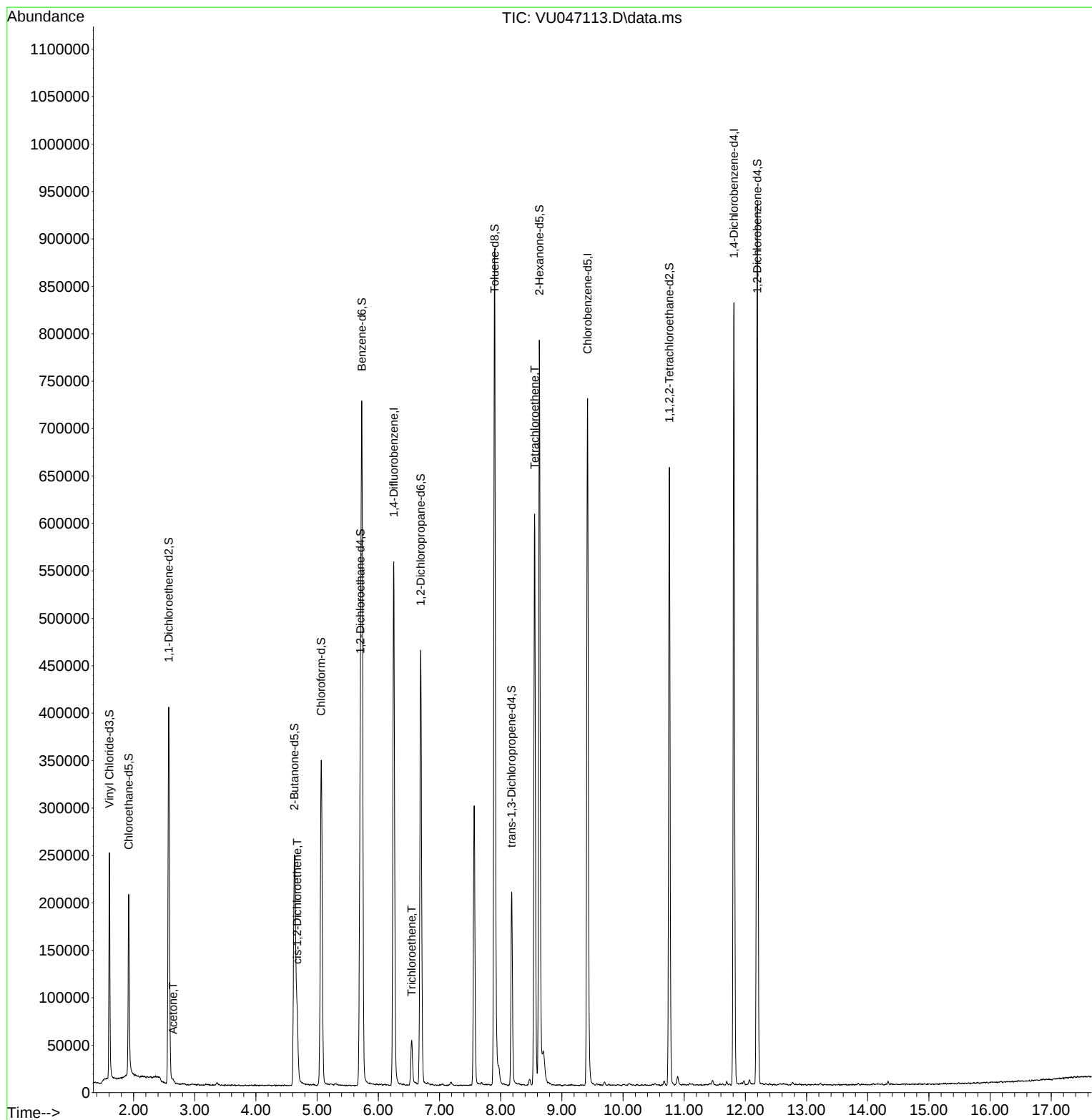
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	466483	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	431565	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	223005	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	175804	41.496	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.000%		
7) Chloroethane-d5	1.919	69	144461	45.998	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.000%		
11) 1,1-Dichloroethene-d2	2.575	63	237043	33.763	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.520%		
21) 2-Butanone-d5	4.629	46	385334	117.275	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	117.270%		
24) Chloroform-d	5.067	84	315947	45.937	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.880%		
26) 1,2-Dichloroethane-d4	5.706	65	212399	48.114	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.220%		
32) Benzene-d6	5.732	84	671308	46.789	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.580%		
36) 1,2-Dichloropropane-d6	6.694	67	222945	47.916	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.840%		
41) Toluene-d8	7.899	98	630870	46.181	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.360%		
43) trans-1,3-Dichloroprop...	8.179	79	114742	47.057	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.120%		
47) 2-Hexanone-d5	8.632	63	286135	107.343	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.340%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	328540	48.425	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.860%		
66) 1,2-Dichlorobenzene-d4	12.195	152	249709	47.214	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.420%		
Target Compounds					Qvalue	
13) Acetone	2.645	43	5164	2.157	ug/L	97
20) cis-1,2-Dichloroethene	4.674	96	30768	8.728	ug/L	97
34) Trichloroethene	6.546	95	15054	4.305	ug/L	97
46) Tetrachloroethene	8.555	164	142144	50.536	ug/L	97

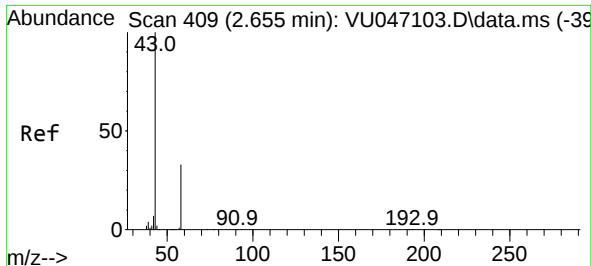
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Feb 12 01:25:35 2022
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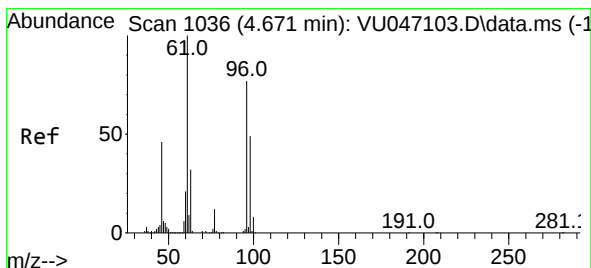
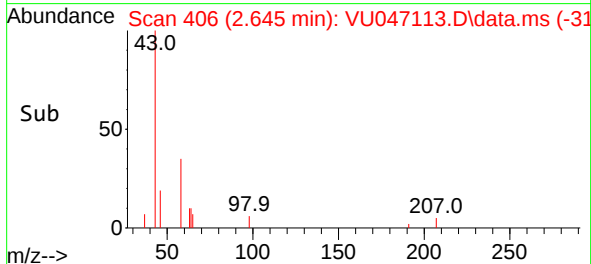
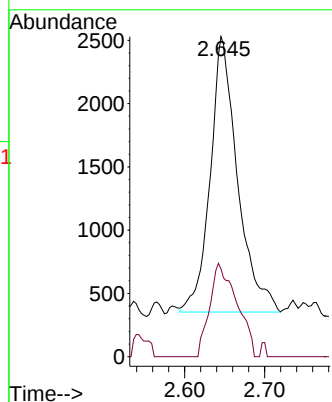
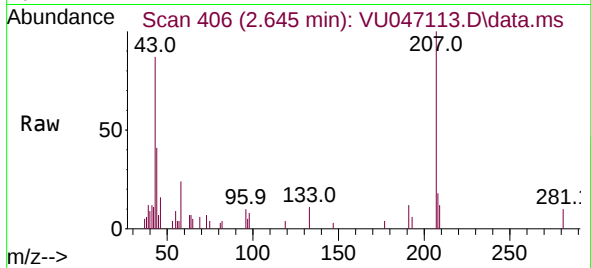




#13
Acetone
Concen: 2.157 ug/L
RT: 2.645 min Scan# 409
Delta R.T. -0.010 min
Lab File: VU047113.D
Acq: 11 Feb 2022 14:31

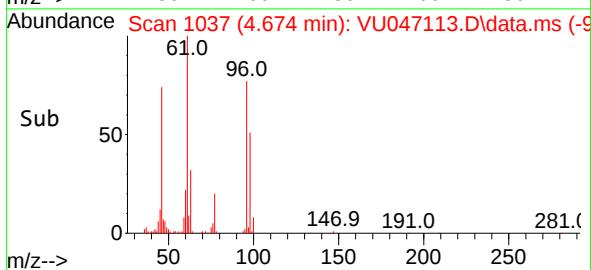
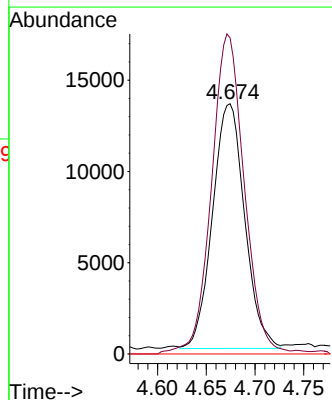
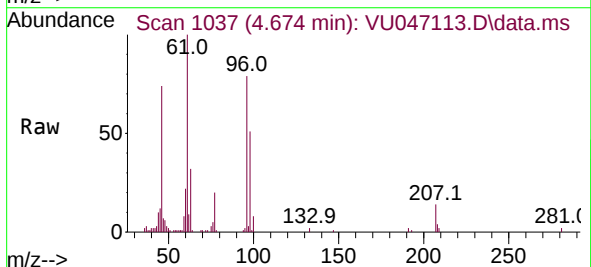
Instrument :
MSVOA_U
ClientSampleId :
F4M43

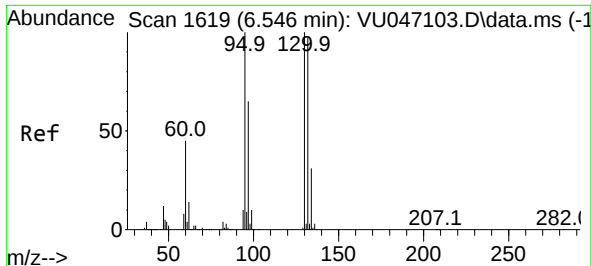
Tgt Ion: 43 Resp: 5164
Ion Ratio Lower Upper
43 100
58 33.6 0.0 71.0



#20
cis-1,2-Dichloroethene
Concen: 8.728 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VU047113.D
Acq: 11 Feb 2022 14:31

Tgt Ion: 96 Resp: 30768
Ion Ratio Lower Upper
96 100
61 126.3 86.0 159.6
68 0.0 0.0 0.0

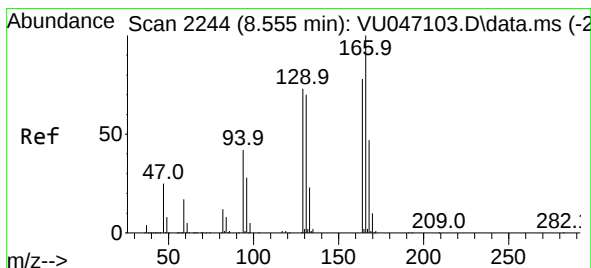
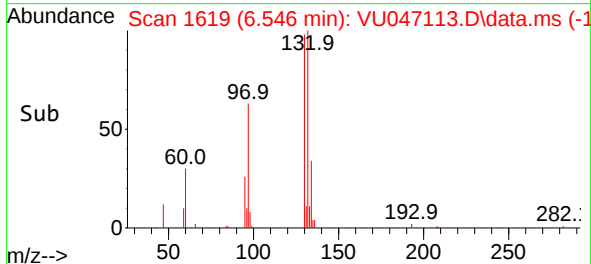
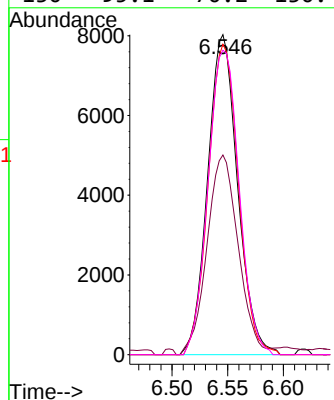
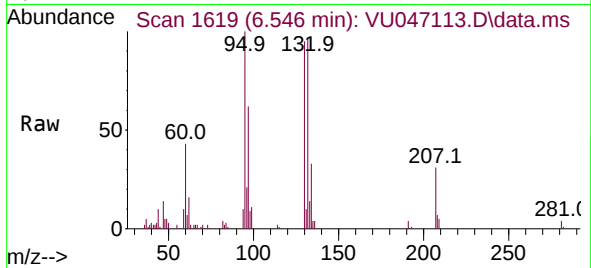




#34
Trichloroethene
Concen: 4.305 ug/L
RT: 6.546 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU047113.D
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Instrument :
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Tgt Ion: 95	Resp: 15054
Ion Ratio	Lower Upper
95 100	
97 62.4	45.1 83.7
132 97.0	66.7 123.9
130 95.1	70.2 130.4



#46
Tetrachloroethene
Concen: 50.536 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047113.D
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Tgt	Ion:164	Resp:	142144
Ion	Ratio	Lower	Upper
164	100		
129	94.9	69.5	129.1
131	92.1	67.0	124.4
166	127.1	90.6	168.2

