

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032522\
 Data File : VU047683.D
 Acq On : 25 Mar 2022 19:33
 Operator : SY/MD
 Sample : N2082-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Z2

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/26/2022
 Supervised By : Mahesh Dadoda 03/28/2022

Quant Time: Mar 26 04:22:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 26 02:50:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	336508	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	349807	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	185703	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	89965	36.867	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.740%		
7) Chloroethane-d5	1.916	69	75227	39.097	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.200%		
11) 1,1-Dichloroethene-d2	2.571	63	127249	28.502	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	57.000%#		
21) 2-Butanone-d5	4.639	46	181774	86.786	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.790%		
24) Chloroform-d	5.067	84	176729	39.581	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.160%		
26) 1,2-Dichloroethane-d4	5.703	65	113302	41.374	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.740%		
32) Benzene-d6	5.729	84	358451	40.723	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.440%		
36) 1,2-Dichloropropane-d6	6.694	67	112944	41.781	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	83.560%		
41) Toluene-d8	7.899	98	332371	38.757	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.520%#		
43) trans-1,3-Dichloroprop...	8.179	79	47924	34.994	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.980%		
47) 2-Hexanone-d5	8.636	63	130573	82.513	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.510%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	179159	38.619	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	77.240%		
66) 1,2-Dichlorobenzene-d4	12.195	152	141005	42.679	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.360%		
Target Compounds						Qvalue
19) 1,1-Dichloroethane	3.877	63	53192	12.388	ug/L	96
20) cis-1,2-Dichloroethene	4.671	96	37282	13.659	ug/L	95
27) 1,2-Dichloroethane	5.800	62	1792m	0.502	ug/L	
30) 1,1,1-Trichloroethane	5.321	97	3690	0.930	ug/L	93

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

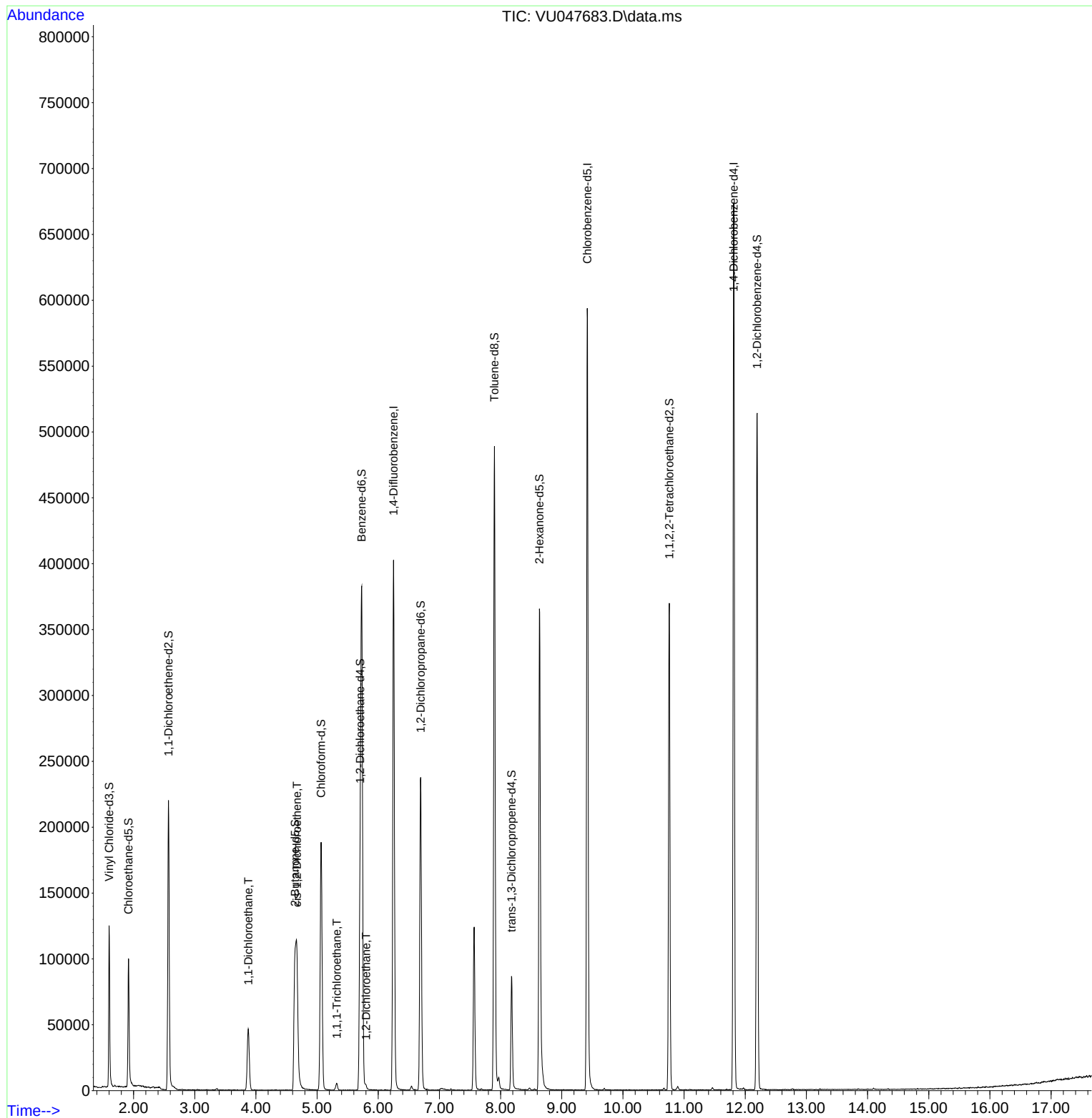
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032522\
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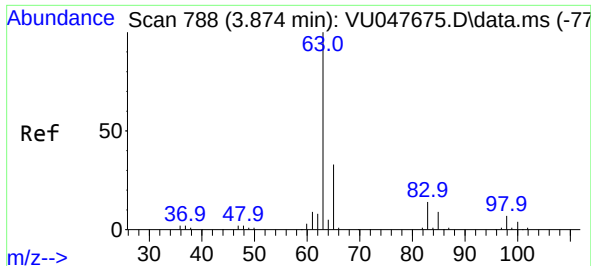
Instrument :
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#19

1,1-Dichloroethane

Concen: 12.388 ug/L

RT: 3.877 min Scan# 788

Delta R.T. 0.003 min

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Instrument :

MSVOA_U

ClientSampleId :

EW5Z2

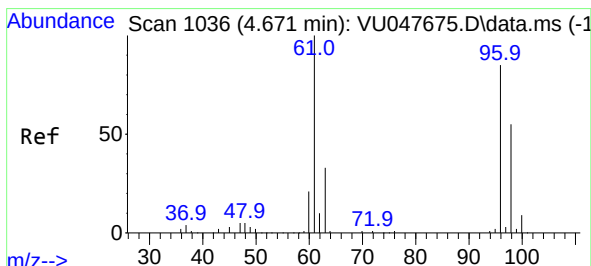
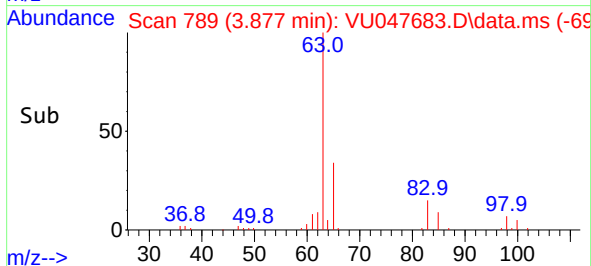
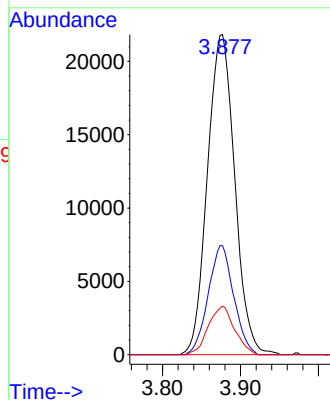
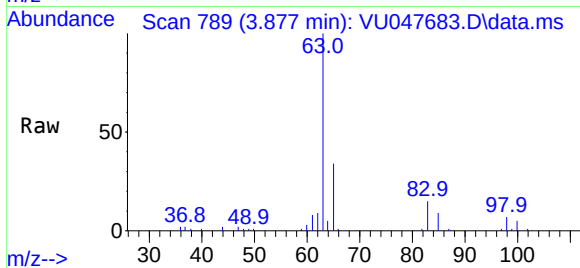
Tgt Ion: 63 Resp: 53192
 Ion Ratio Lower Upper
 63 100
 65 34.0 22.0 41.0
 83 15.1 9.7 18.1

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#20

cis-1,2-Dichloroethene

Concen: 13.659 ug/L

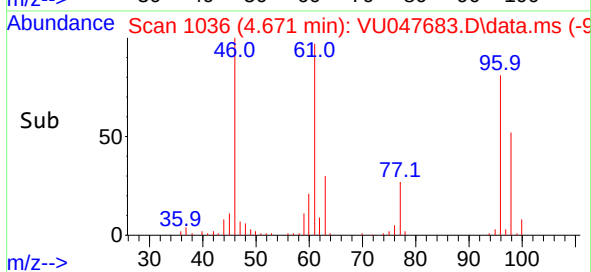
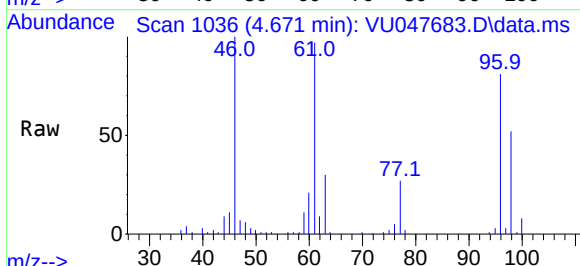
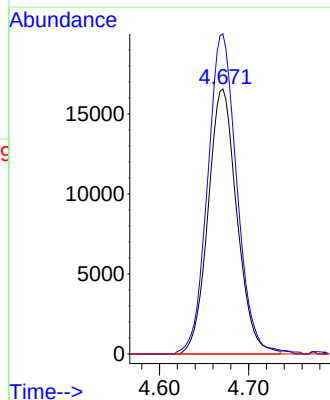
RT: 4.671 min Scan# 1036

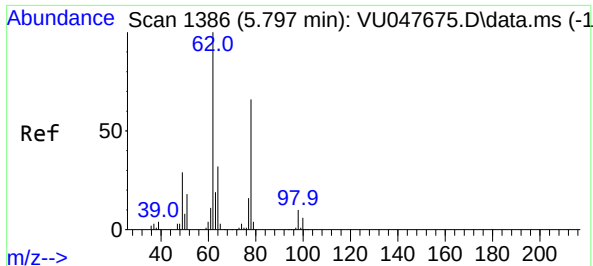
Delta R.T. -0.000 min

Lab File: VU047683.D

Acq: 25 Mar 2022 19:33

Tgt Ion: 96 Resp: 37282
 Ion Ratio Lower Upper
 96 100
 61 120.8 80.7 149.9
 68 0.0 0.0 0.0





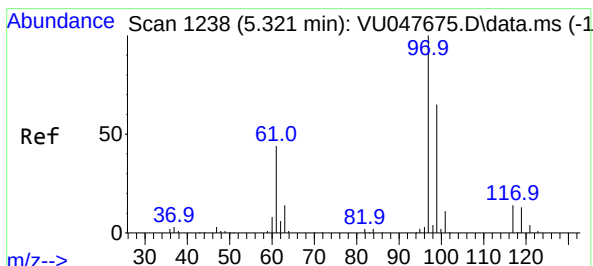
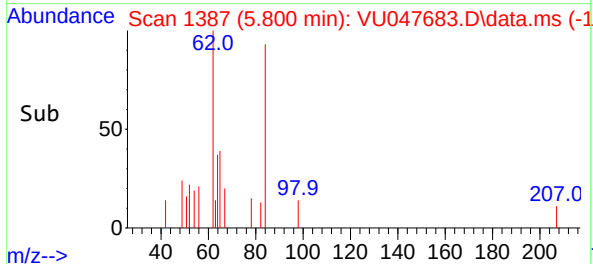
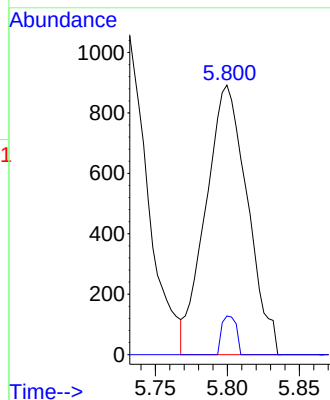
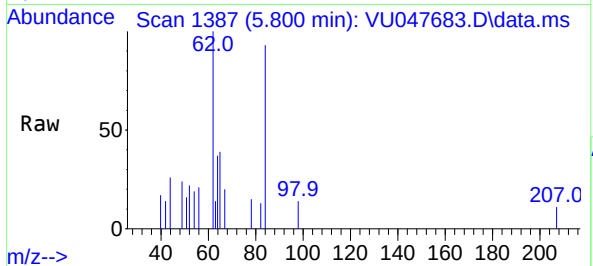
#27
1,2-Dichloroethane
Concen: 0.502 ug/L m
RT: 5.800 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU047683.D
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Tgt Ion: 62 Resp: 1792
Ion Ratio Lower Upper
62 100
98 14.3 7.4 11.0

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#30
1,1,1-Trichloroethane
Concen: 0.930 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU047683.D
Acq: 25 Mar 2022 19:33

Tgt Ion: 97 Resp: 3690
Ion Ratio Lower Upper
97 100
99 66.5 51.6 77.4
61 51.3 34.2 51.4

