

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
 Data File : VU047699.D
 Acq On : 26 Mar 2022 11:34
 Operator : SY/MD
 Sample : N2082-09DL 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW600DL

Quant Time: Mar 28 05:06:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 28 05:05:44 2022
 Response via : Initial Calibration

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

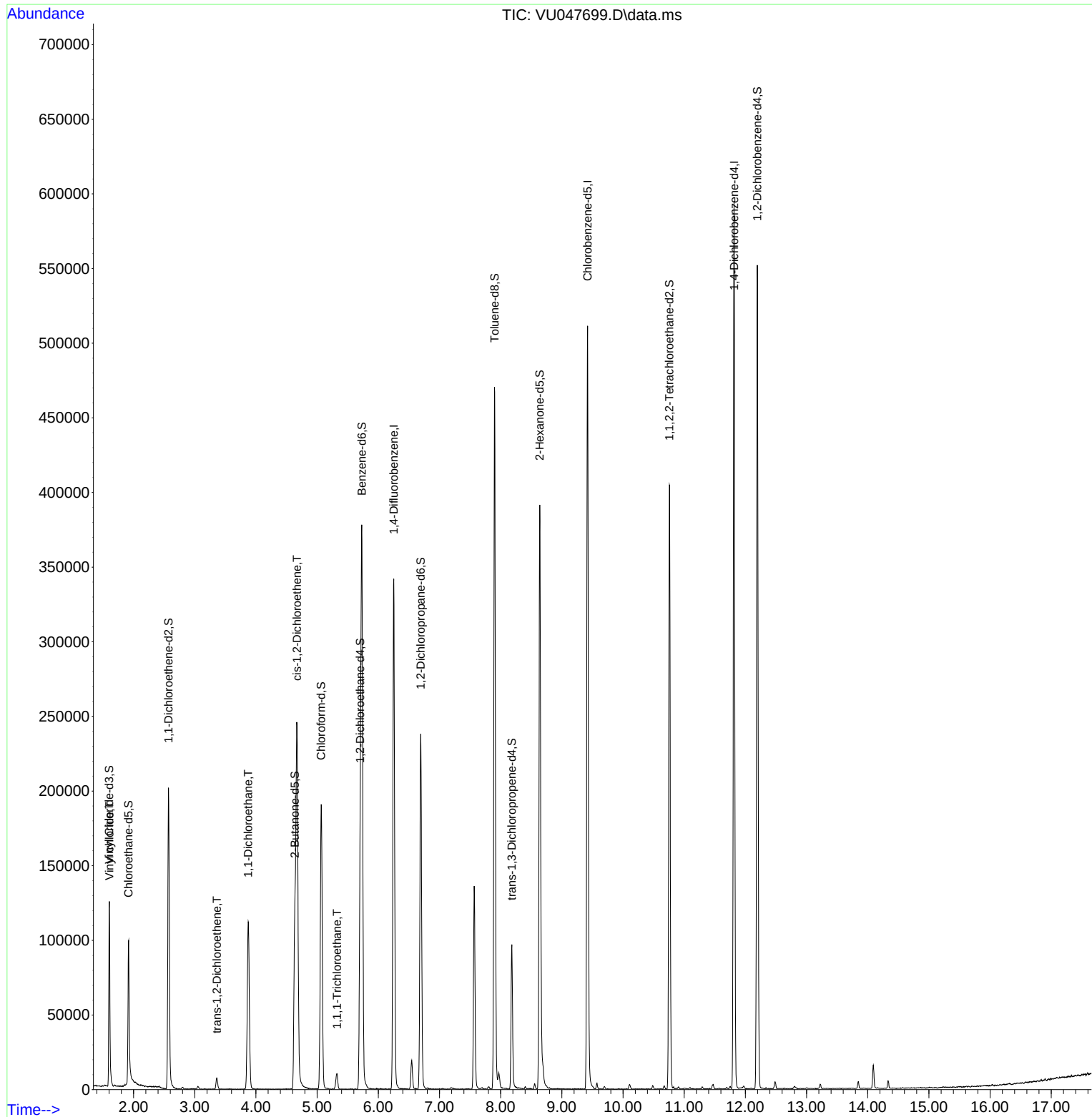
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	290155	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	300498	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	163648	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	79776	37.915	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.820%		
7) Chloroethane-d5	1.916	69	74957	45.180	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.360%		
11) 1,1-Dichloroethene-d2	2.571	63	117700	30.574	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.140%		
21) 2-Butanone-d5	4.636	46	193968	107.402	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.400%		
24) Chloroform-d	5.067	84	179094	46.519	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.040%		
26) 1,2-Dichloroethane-d4	5.703	65	115271	48.818	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.640%		
32) Benzene-d6	5.732	84	347382	45.942	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.880%		
36) 1,2-Dichloropropane-d6	6.694	67	114176	49.168	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.340%		
41) Toluene-d8	7.899	98	321665	43.663	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.320%		
43) trans-1,3-Dichloroprop...	8.182	79	54214	46.083	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.160%		
47) 2-Hexanone-d5	8.639	63	142531	104.849	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.850%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	199609	50.087	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.180%		
66) 1,2-Dichlorobenzene-d4	12.195	152	151101	51.899	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.800%		
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	18412	7.018	ug/L	99
17) trans-1,2-Dichloroethene	3.362	96	3491	1.626	ug/L	96
19) 1,1-Dichloroethane	3.874	63	126748	34.234	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	116666	49.571	ug/L	97
30) 1,1,1-Trichloroethane	5.324	97	7526	2.209	ug/L	97

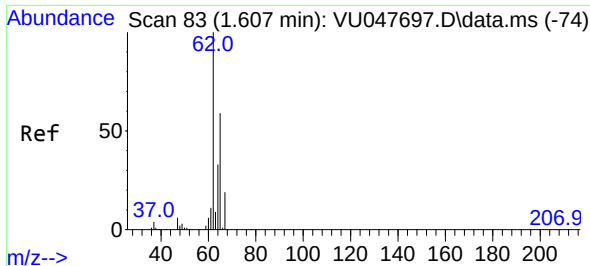
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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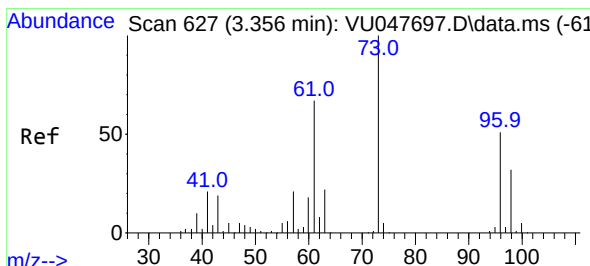
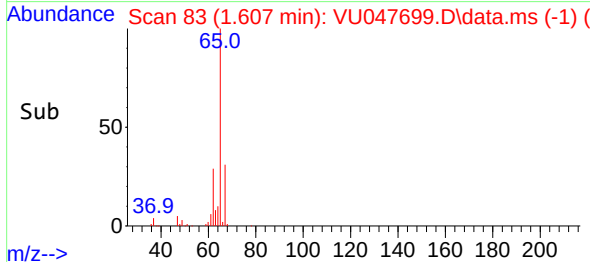
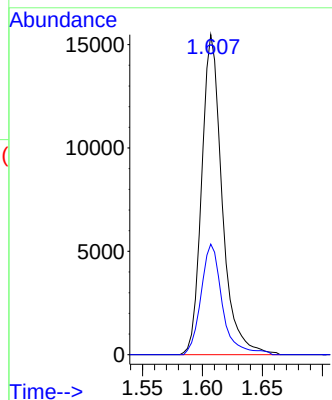
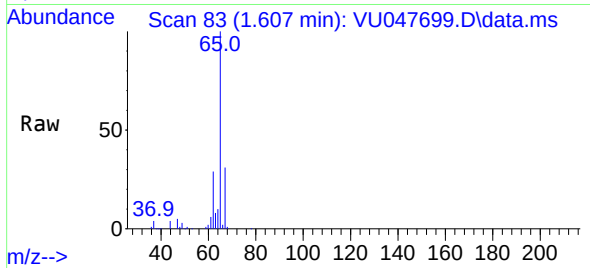




#5
 Vinyl chloride
 Concen: 7.018 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047699.D
 Acq: 26 Mar 2022 11:34

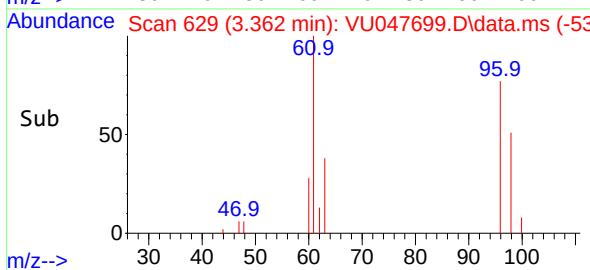
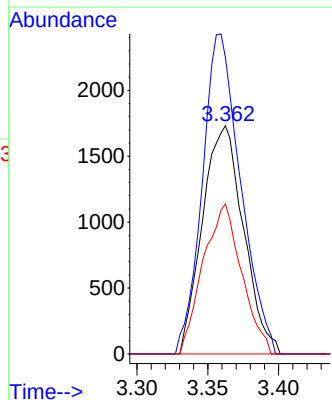
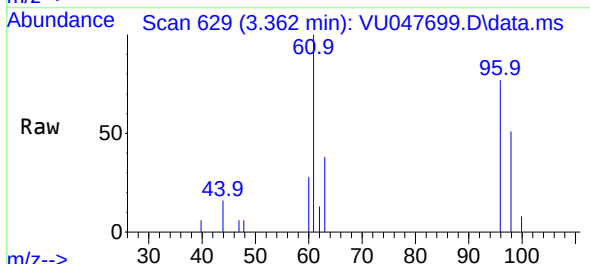
Instrument :
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 EW600DL

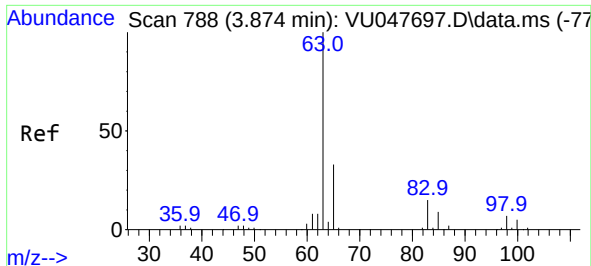
Tgt Ion: 62 Resp: 18412
 Ion Ratio Lower Upper
 62 100
 64 34.5 23.7 43.9



#17
 trans-1,2-Dichloroethene
 Concen: 1.626 ug/L
 RT: 3.362 min Scan# 629
 Delta R.T. 0.006 min
 Lab File: VU047699.D
 Acq: 26 Mar 2022 11:34

Tgt Ion: 96 Resp: 3491
 Ion Ratio Lower Upper
 96 100
 61 129.7 88.4 164.2
 98 65.6 43.3 80.5

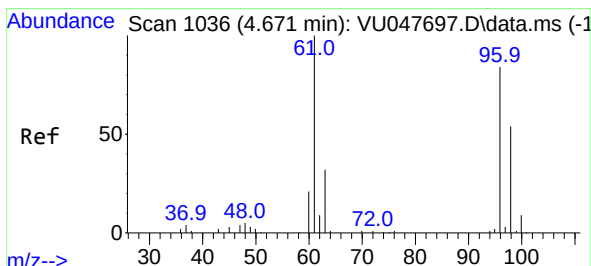
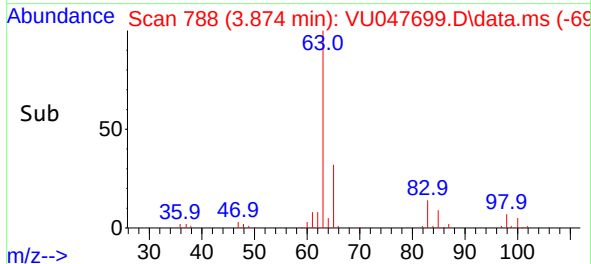
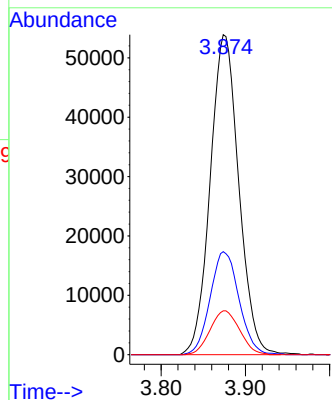
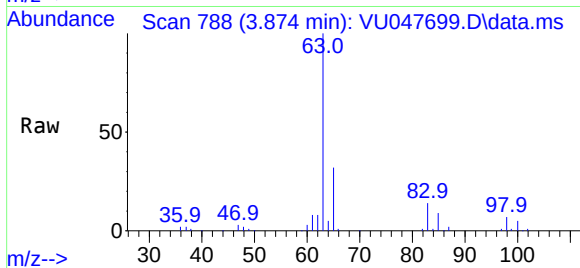




#19
1,1-Dichloroethane
Concen: 34.234 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.000 min
Lab File: VU047699.D
Acq: 26 Mar 2022 11:34

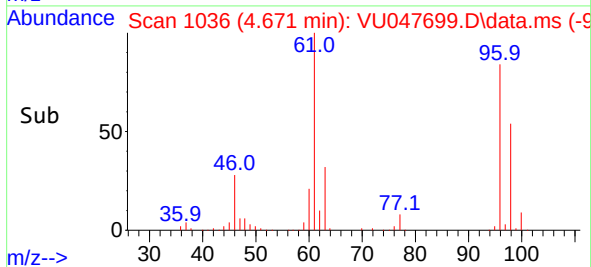
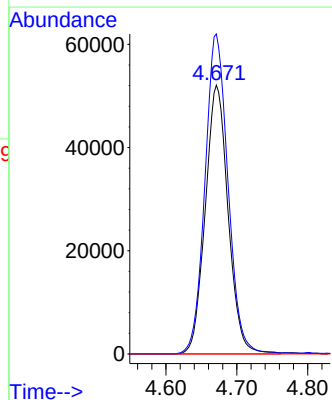
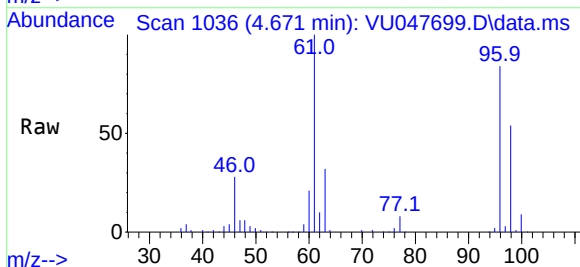
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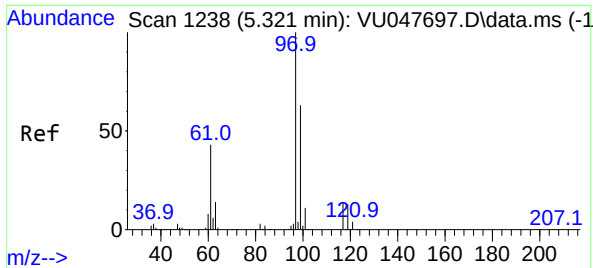
Tgt Ion: 63 Resp: 126748
Ion Ratio Lower Upper
63 100
65 32.2 22.0 41.0
83 13.7 9.7 18.1



#20
cis-1,2-Dichloroethene
Concen: 49.571 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047699.D
Acq: 26 Mar 2022 11:34

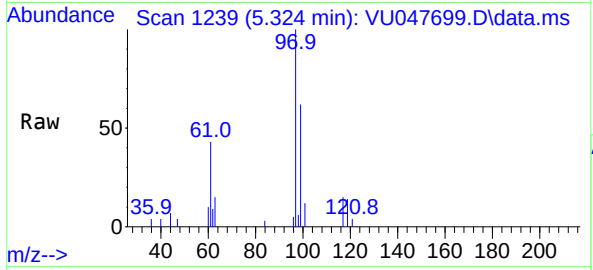
Tgt Ion: 96 Resp: 116666
Ion Ratio Lower Upper
96 100
61 119.1 80.7 149.9
68 0.0 0.0 0.0





#30
 1,1,1-Trichloroethane
 Concen: 2.209 ug/L
 RT: 5.324 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VU047699.D
 Acq: 26 Mar 2022 11:34

Instrument :
 MSVOA_U
 ClientSampleId :
 EW600DL



Tgt Ion: 97 Resp: 7526

Ion	Ratio	Lower	Upper
97	100		
99	65.7	51.6	77.4
61	45.4	34.2	51.4

