

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045090.D
 Acq On : 04 Oct 2021 12:52
 Operator : SY/MD
 Sample : M3997-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Oct 05 02:43:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 05 02:41:56 2021
 Response via : Initial Calibration

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

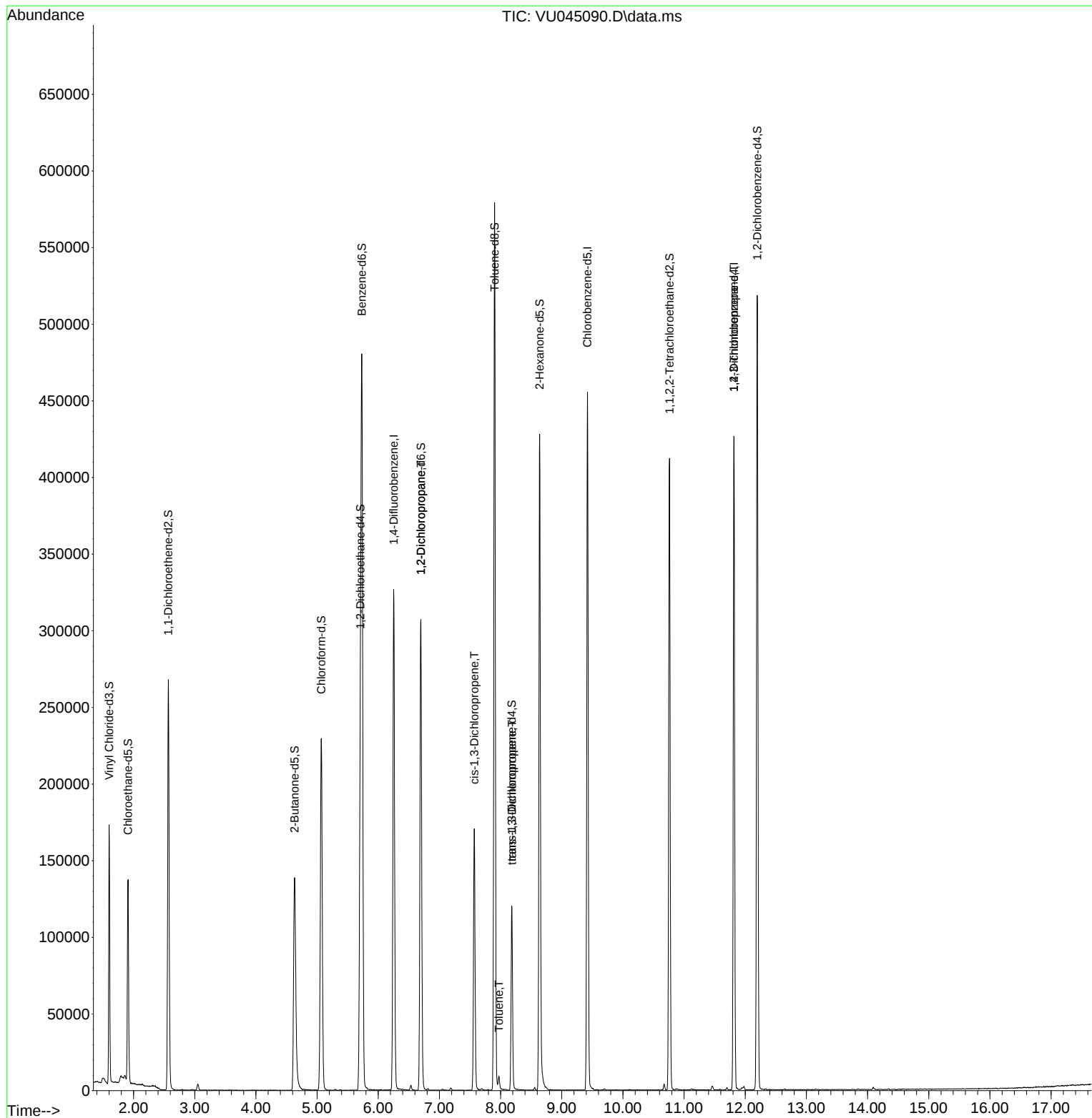
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	251733	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	237289	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	105055	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	120212	43.622	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.240%		
7) Chloroethane-d5	1.909	69	101903	46.664	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.320%		
11) 1,1-Dichloroethene-d2	2.568	63	161418	34.880	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.760%		
21) 2-Butanone-d5	4.633	46	218822	100.441	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.440%		
24) Chloroform-d	5.070	84	209301	48.089	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.180%		
26) 1,2-Dichloroethane-d4	5.707	65	152282	51.653	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.300%		
32) Benzene-d6	5.732	84	428877	52.087	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.180%		
36) 1,2-Dichloropropane-d6	6.697	67	139447	51.940	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	103.880%		
41) Toluene-d8	7.903	98	365113	51.383	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.760%		
43) trans-1,3-Dichloroprop...	8.182	79	63410	53.095	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	106.200%		
47) 2-Hexanone-d5	8.639	63	149887	100.742	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	100.740%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	204474	48.909	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.820%		
66) 1,2-Dichlorobenzene-d4	12.198	152	127596	55.809	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	111.620%		
Target Compounds						Qvalue
37) 1,2-Dichloropropane	6.697	63	15979	6.668	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	4069	1.187	ug/L #	52
42) Toluene	7.973	91	5559	0.622	ug/L	96
44) trans-1,3-Dichloropropene	8.186	75	2825	0.867	ug/L #	78
60) 1,2,3-Trichloropropane	11.816	75	14628	5.034	ug/L #	69

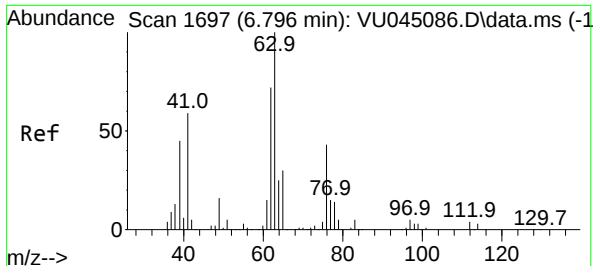
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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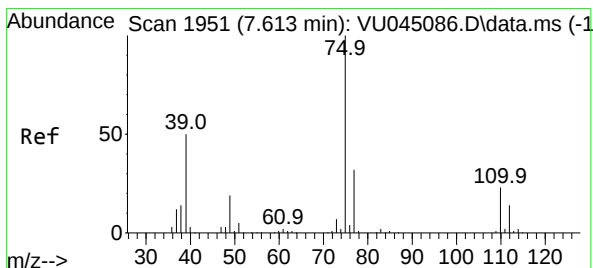
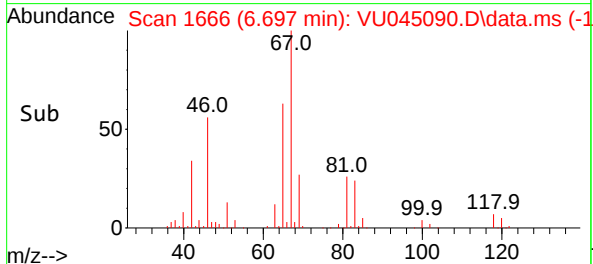
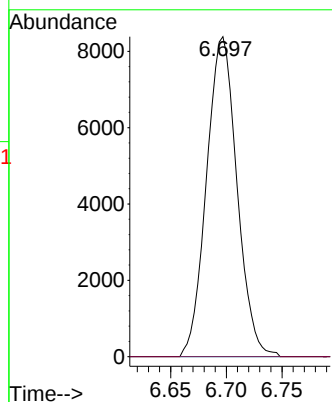
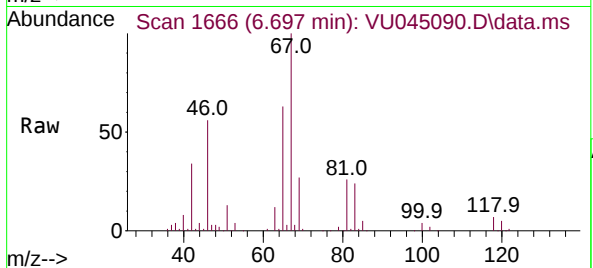


#37

1,2-Dichloropropane
Concen: 6.668 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU045090.D
Acq: 04 Oct 2021 12:52

Instrument :
MSVOA_U
ClientSampled :
VHBLK001

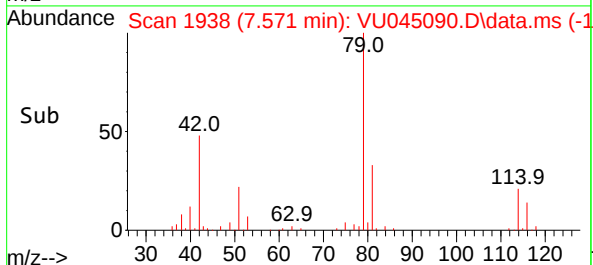
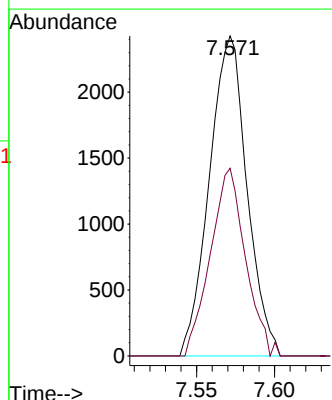
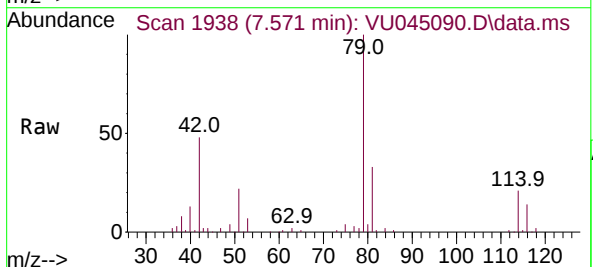
Tgt Ion: 63 Resp: 15979
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

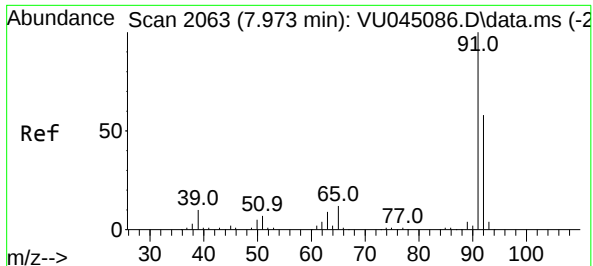


#39

cis-1,3-Dichloropropene
Concen: 1.187 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU045090.D
Acq: 04 Oct 2021 12:52

Tgt Ion: 75 Resp: 4069
Ion Ratio Lower Upper
75 100
77 58.7 22.4 41.6#

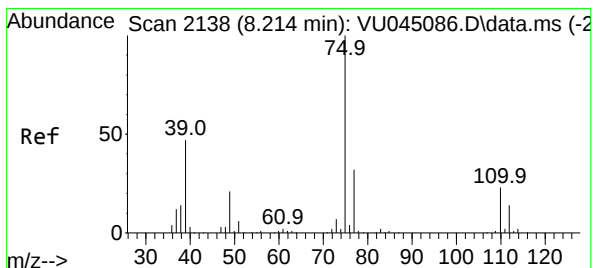
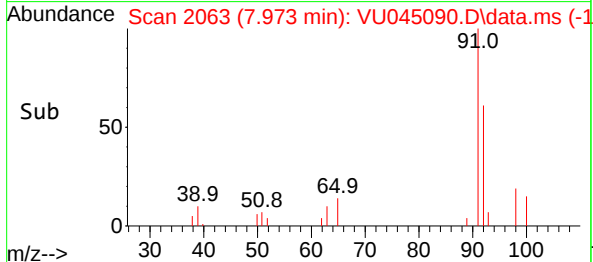
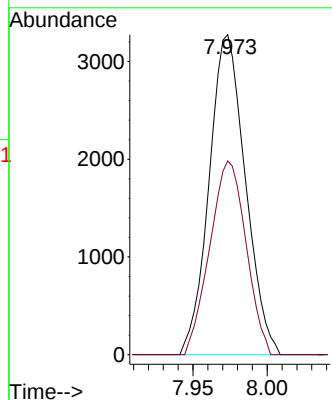
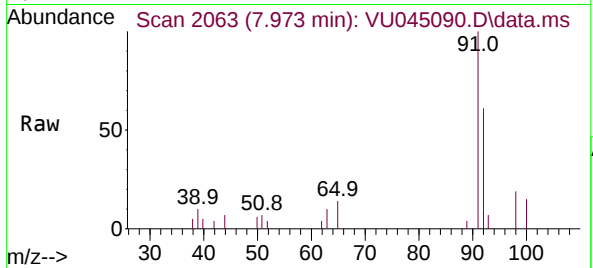




#42
Toluene
Concen: 0.622 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045090.D
Acq: 04 Oct 2021 12:52

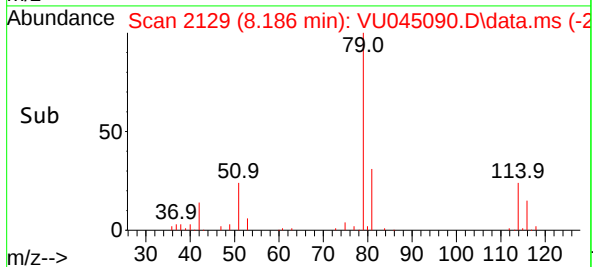
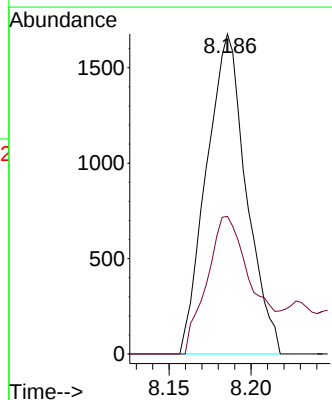
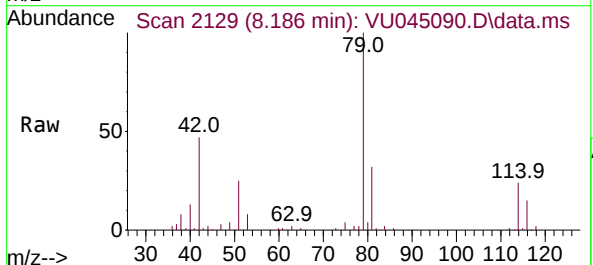
Instrument :
MSVOA_U
ClientSampled :
VHBLK001

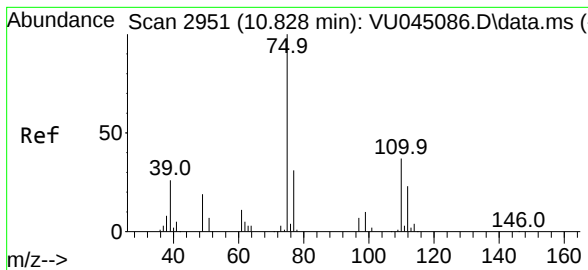
Tgt Ion: 91 Resp: 5559
Ion Ratio Lower Upper
91 100
92 60.5 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.867 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU045090.D
Acq: 04 Oct 2021 12:52

Tgt Ion: 75 Resp: 2825
Ion Ratio Lower Upper
75 100
77 43.0 21.7 40.3#





#60
 1,2,3-Trichloropropane
 Concen: 5.034 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.987 min
 Lab File: VU045090.D
 Acq: 04 Oct 2021 12:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Tgt Ion:	75	Resp:	14628
Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.5	38.3
110	2.1	29.0	43.4#

