

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045152.D
 Acq On : 05 Oct 2021 18:07
 Operator : SY/MD
 Sample : M4025-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AM4

Quant Time: Oct 06 01:47:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 06 01:40:56 2021
 Response via : Initial Calibration

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

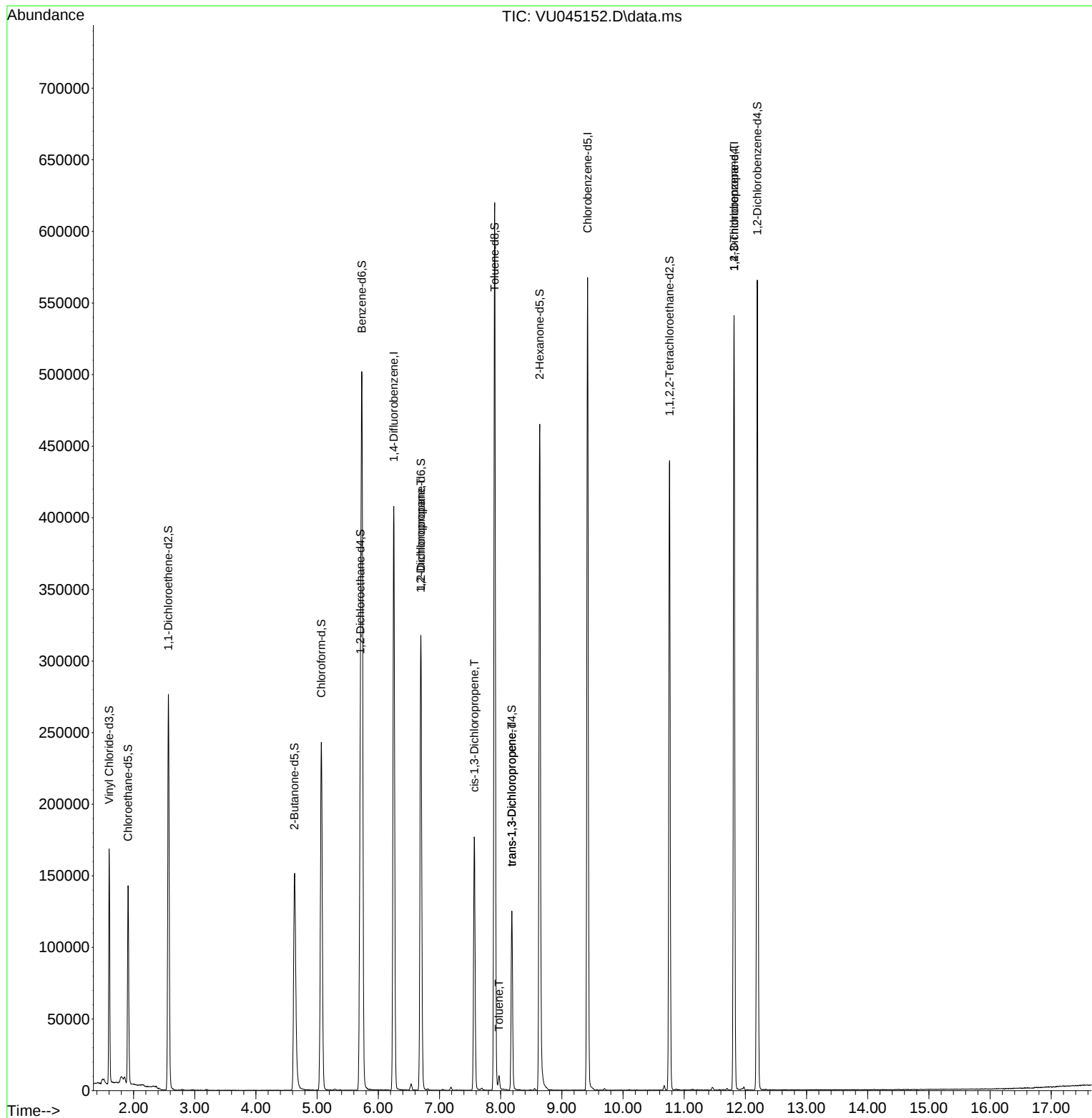
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	317684	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	295257	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	132815	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	116870	33.605	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	67.220%		
7) Chloroethane-d5	1.909	69	105226	38.183	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	76.360%		
11) 1,1-Dichloroethene-d2	2.568	63	166705	28.544	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	57.080%#		
21) 2-Butanone-d5	4.629	46	236399	85.982	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.980%		
24) Chloroform-d	5.070	84	219827	40.022	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.040%		
26) 1,2-Dichloroethane-d4	5.706	65	153811	41.341	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.680%		
32) Benzene-d6	5.732	84	451167	44.036	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.080%		
36) 1,2-Dichloropropane-d6	6.697	67	142879	42.770	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.540%		
41) Toluene-d8	7.903	98	396227	44.814	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.620%		
43) trans-1,3-Dichloroprop...	8.182	79	66322	44.631	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.260%		
47) 2-Hexanone-d5	8.639	63	165320	89.300	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.300%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	214694	41.271	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.540%		
66) 1,2-Dichlorobenzene-d4	12.195	152	136696	47.293	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.580%		
Target Compounds						Qvalue
37) 1,2-Dichloropropane	6.694	63	16725	5.609	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	4329	1.015	ug/L #	66
42) Toluene	7.973	91	6464	0.581	ug/L	100
44) trans-1,3-Dichloropropene	8.182	75	2826	0.697	ug/L	83
60) 1,2,3-Trichloropropane	11.816	75	18034	4.909	ug/L #	69

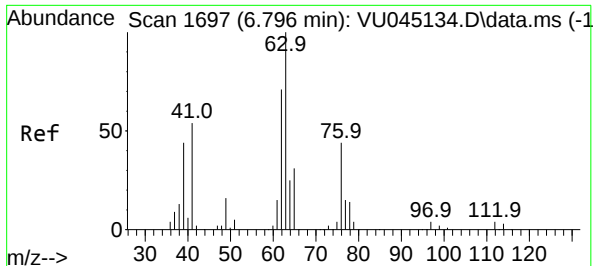
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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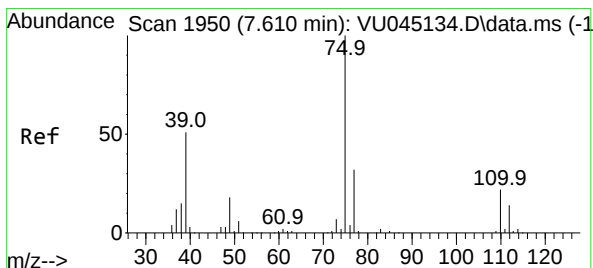
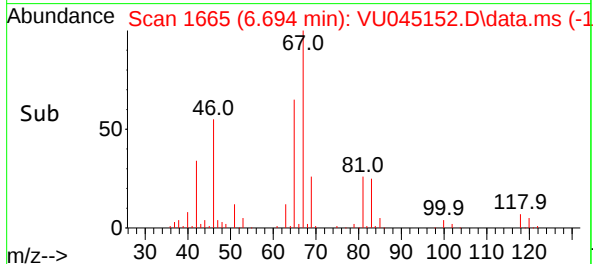
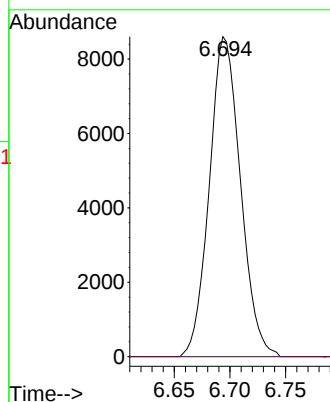
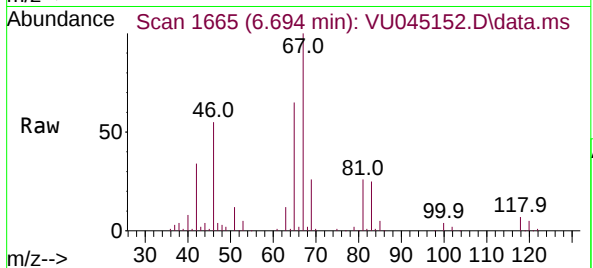


#37

1,2-Dichloropropane
Concen: 5.609 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045152.D
Acq: 05 Oct 2021 18:07

Instrument :
MSVOA_U
ClientSampled :
C0AM4

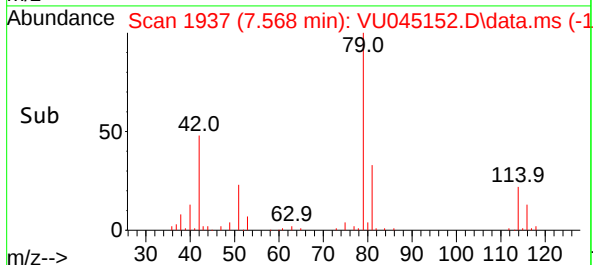
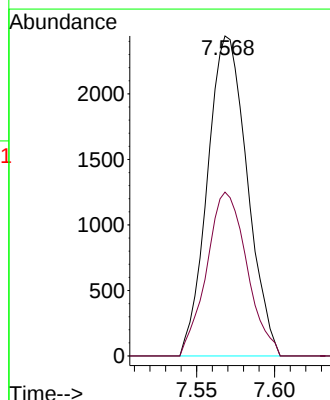
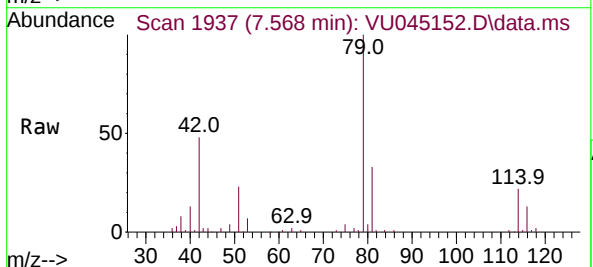
Tgt Ion: 63 Resp: 16725
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

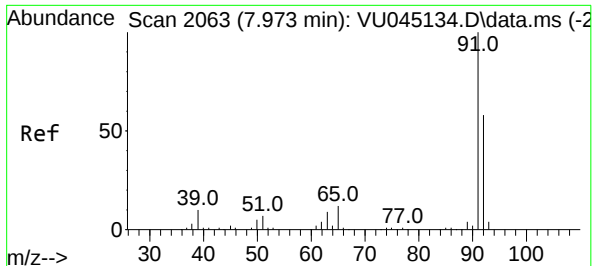


#39

cis-1,3-Dichloropropene
Concen: 1.015 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU045152.D
Acq: 05 Oct 2021 18:07

Tgt Ion: 75 Resp: 4329
Ion Ratio Lower Upper
75 100
77 51.2 22.4 41.6#

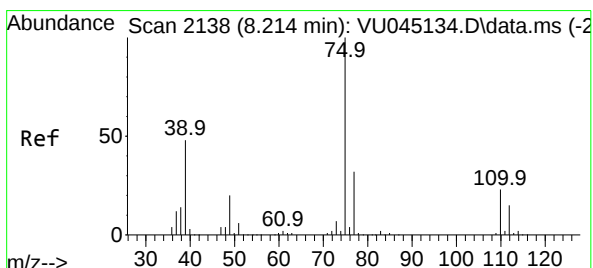
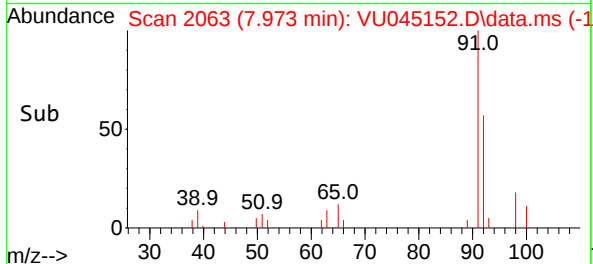
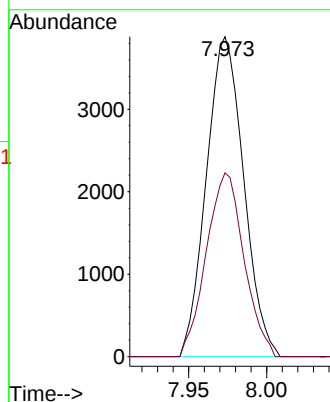
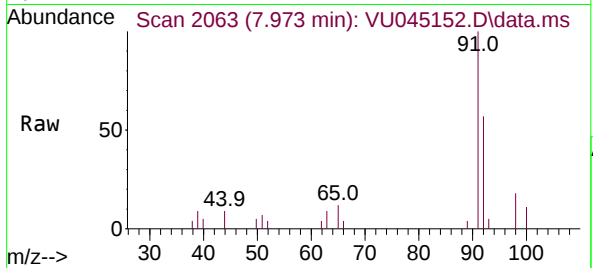




#42
Toluene
Concen: 0.581 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045152.D
Acq: 05 Oct 2021 18:07

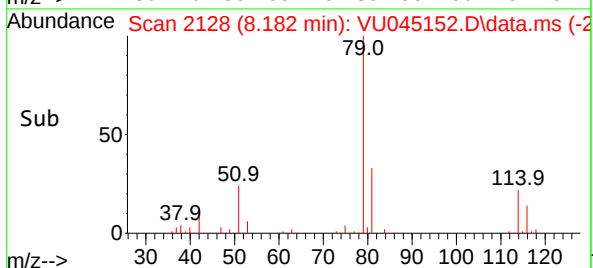
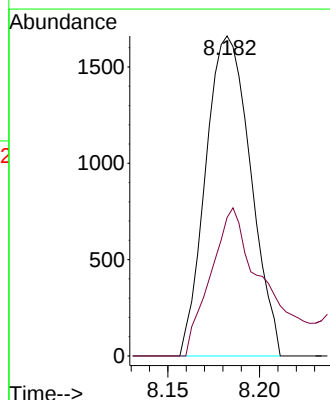
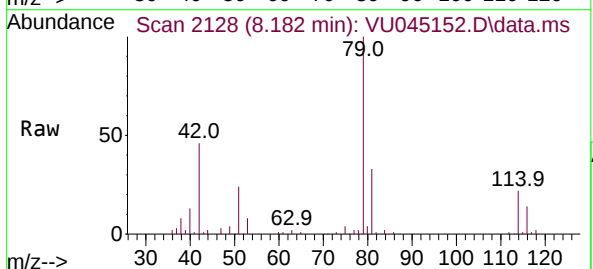
Instrument :
MSVOA_U
ClientSampled :
C0AM4

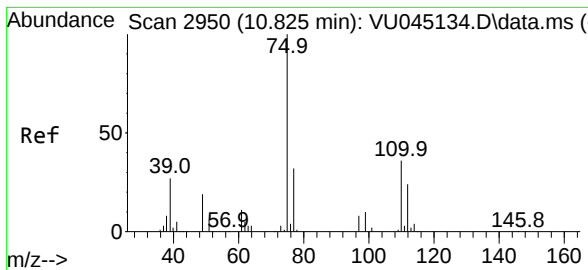
Tgt Ion: 91 Resp: 6464
Ion Ratio Lower Upper
91 100
92 57.5 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.697 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045152.D
Acq: 05 Oct 2021 18:07

Tgt Ion: 75 Resp: 2826
Ion Ratio Lower Upper
75 100
77 40.3 21.7 40.3





#60
 1,2,3-Trichloropropane
 Concen: 4.909 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.990 min
 Lab File: VU045152.D
 Acq: 05 Oct 2021 18:07

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AM4

Tgt Ion: 75 Resp: 18034
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.5 38.3
 110 2.1 29.0 43.4#

