

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
 Data File : VU045209.D
 Acq On : 07 Oct 2021 14:06
 Operator : SY/MD
 Sample : M4025-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 07 21:37:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 21:34:31 2021
 Response via : Initial Calibration

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

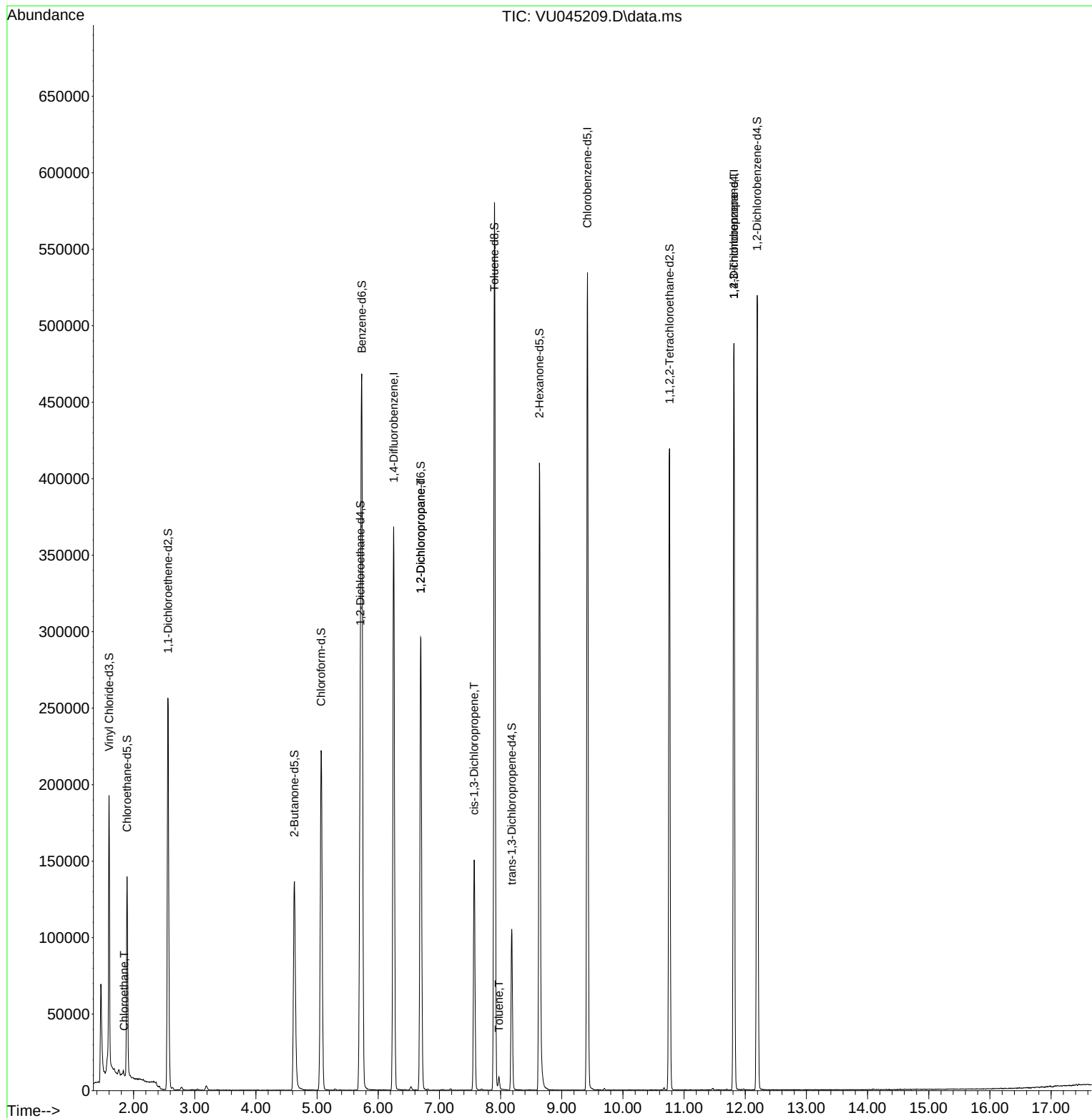
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	285981	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	275779	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	120160	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	115359	36.848	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.700%		
7) Chloroethane-d5	1.893	69	99283	40.020	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.040%		
11) 1,1-Dichloroethene-d2	2.562	63	154385	29.365	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.740%#		
21) 2-Butanone-d5	4.629	46	195784	79.104	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	79.100%		
24) Chloroform-d	5.067	84	200520	40.554	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.100%		
26) 1,2-Dichloroethane-d4	5.706	65	141938	42.379	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.760%		
32) Benzene-d6	5.732	84	417839	43.664	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.320%		
36) 1,2-Dichloropropane-d6	6.694	67	132786	42.556	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.120%		
41) Toluene-d8	7.899	98	364322	44.116	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.240%		
43) trans-1,3-Dichloroprop...	8.182	79	55408	39.920	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.840%		
47) 2-Hexanone-d5	8.636	63	143203	82.816	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.820%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	205324	42.258	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.520%		
66) 1,2-Dichlorobenzene-d4	12.195	152	127320	48.688	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.380%		
Target Compounds						Qvalue
8) Chloroethane	1.848	64	2486	1.185	ug/L #	52
37) 1,2-Dichloropropane	6.694	63	15442	5.545	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3633	0.912	ug/L #	75
42) Toluene	7.973	91	5765	0.555	ug/L	97
60) 1,2,3-Trichloropropane	11.816	75	15753	4.740	ug/L #	68

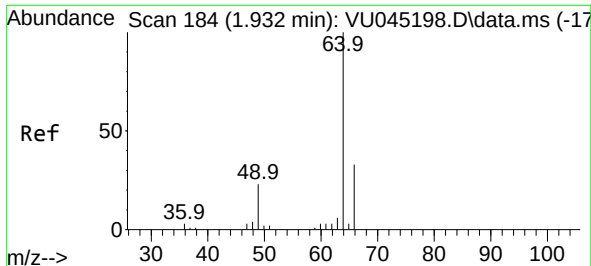
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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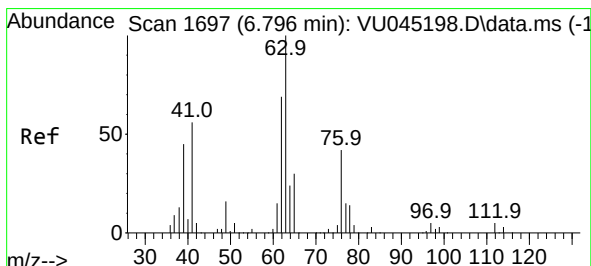
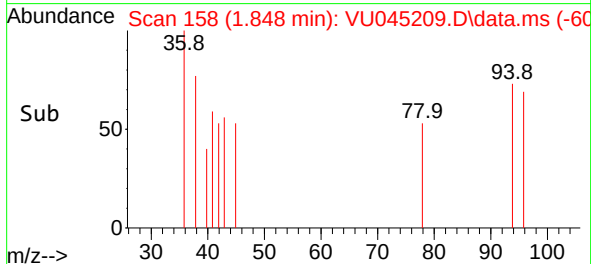
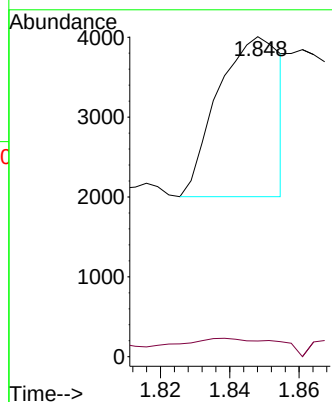
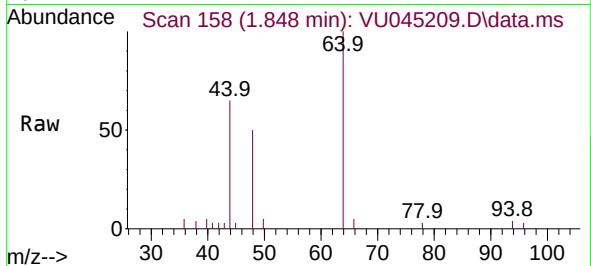




#8
Chloroethane
Concen: 1.185 ug/L
RT: 1.848 min Scan# 158
Delta R.T. -0.084 min
Lab File: VU045209.D
Acq: 07 Oct 2021 14:06

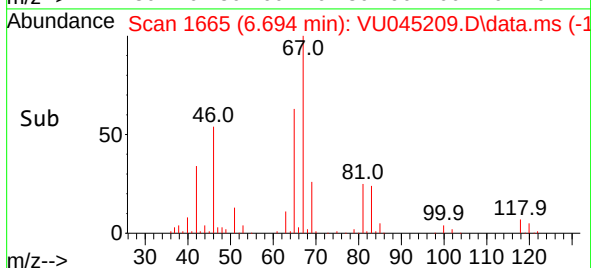
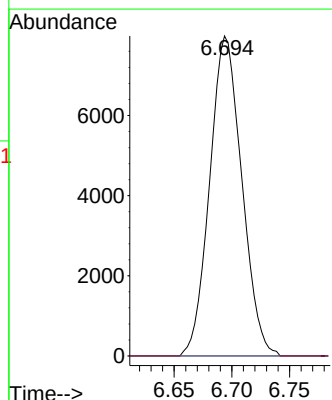
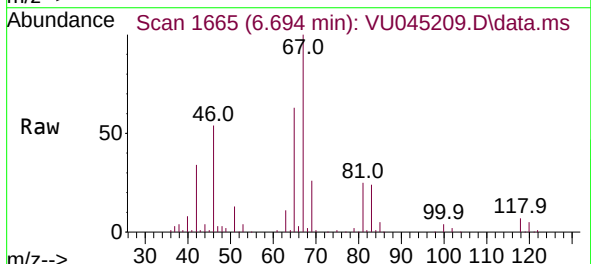
Instrument :
MSVOA_U
ClientSampled :

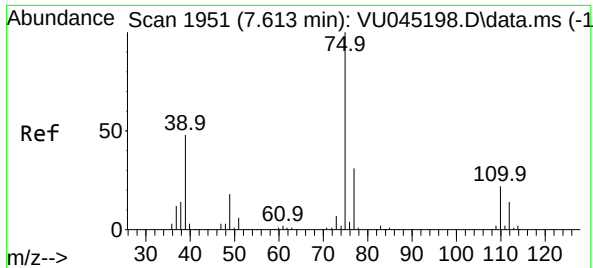
Tgt Ion: 64 Resp: 2486
Ion Ratio Lower Upper
64 100
66 4.9 22.3 41.3#



#37
1,2-Dichloropropane
Concen: 5.545 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045209.D
Acq: 07 Oct 2021 14:06

Tgt Ion: 63 Resp: 15442
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



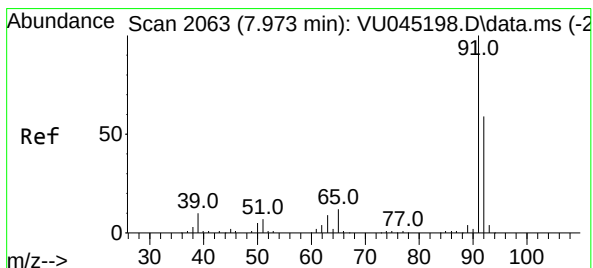
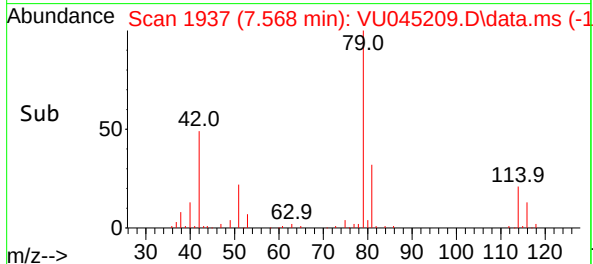
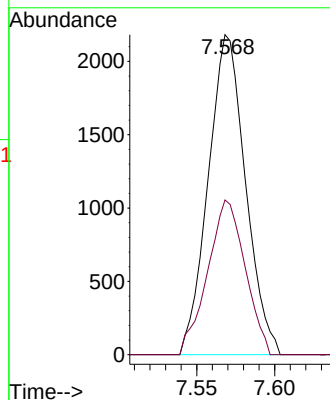
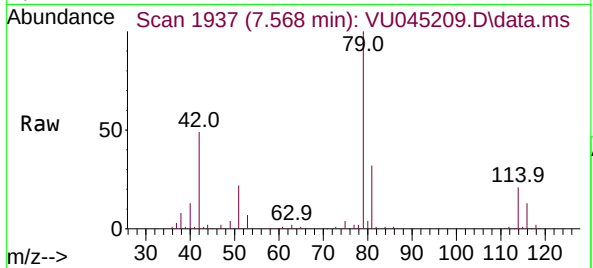


#39

cis-1,3-Dichloropropene
 Concen: 0.912 ug/L
 RT: 7.568 min Scan# 1937
 Delta R.T. -0.045 min
 Lab File: VU045209.D
 Acq: 07 Oct 2021 14:06

Instrument :
 MSVOA_U
 ClientSampled :

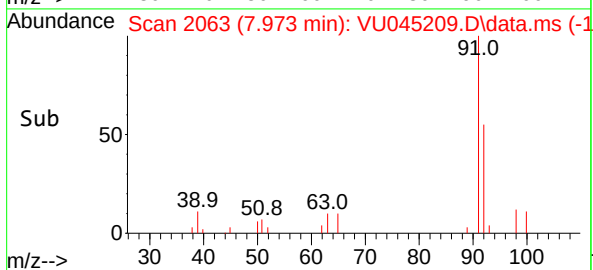
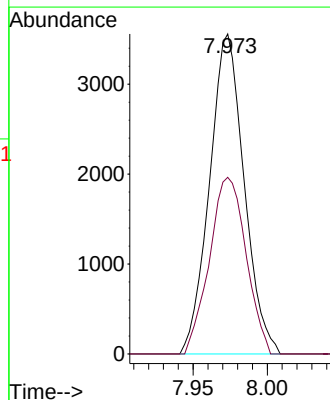
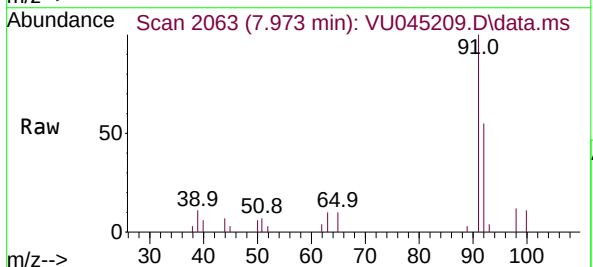
Tgt Ion: 75 Resp: 3633
 Ion Ratio Lower Upper
 75 100
 77 46.1 22.4 41.6#

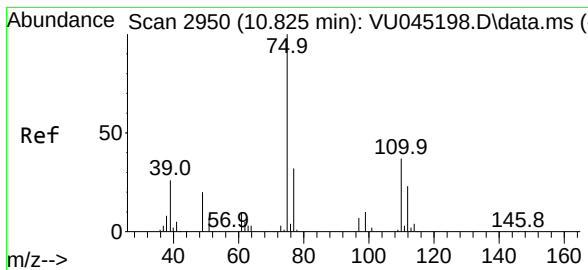


#42

Toluene
 Concen: 0.555 ug/L
 RT: 7.973 min Scan# 2063
 Delta R.T. 0.000 min
 Lab File: VU045209.D
 Acq: 07 Oct 2021 14:06

Tgt Ion: 91 Resp: 5765
 Ion Ratio Lower Upper
 91 100
 92 55.2 40.5 75.1





#60
 1,2,3-Trichloropropane
 Concen: 4.740 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.990 min
 Lab File: VU045209.D
 Acq: 07 Oct 2021 14:06

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 15753
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.5 38.3
 110 2.3 29.0 43.4#

