

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
 Data File : VU045211.D
 Acq On : 07 Oct 2021 14:54
 Operator : SY/MD
 Sample : M4025-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 07 21:37:59 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)

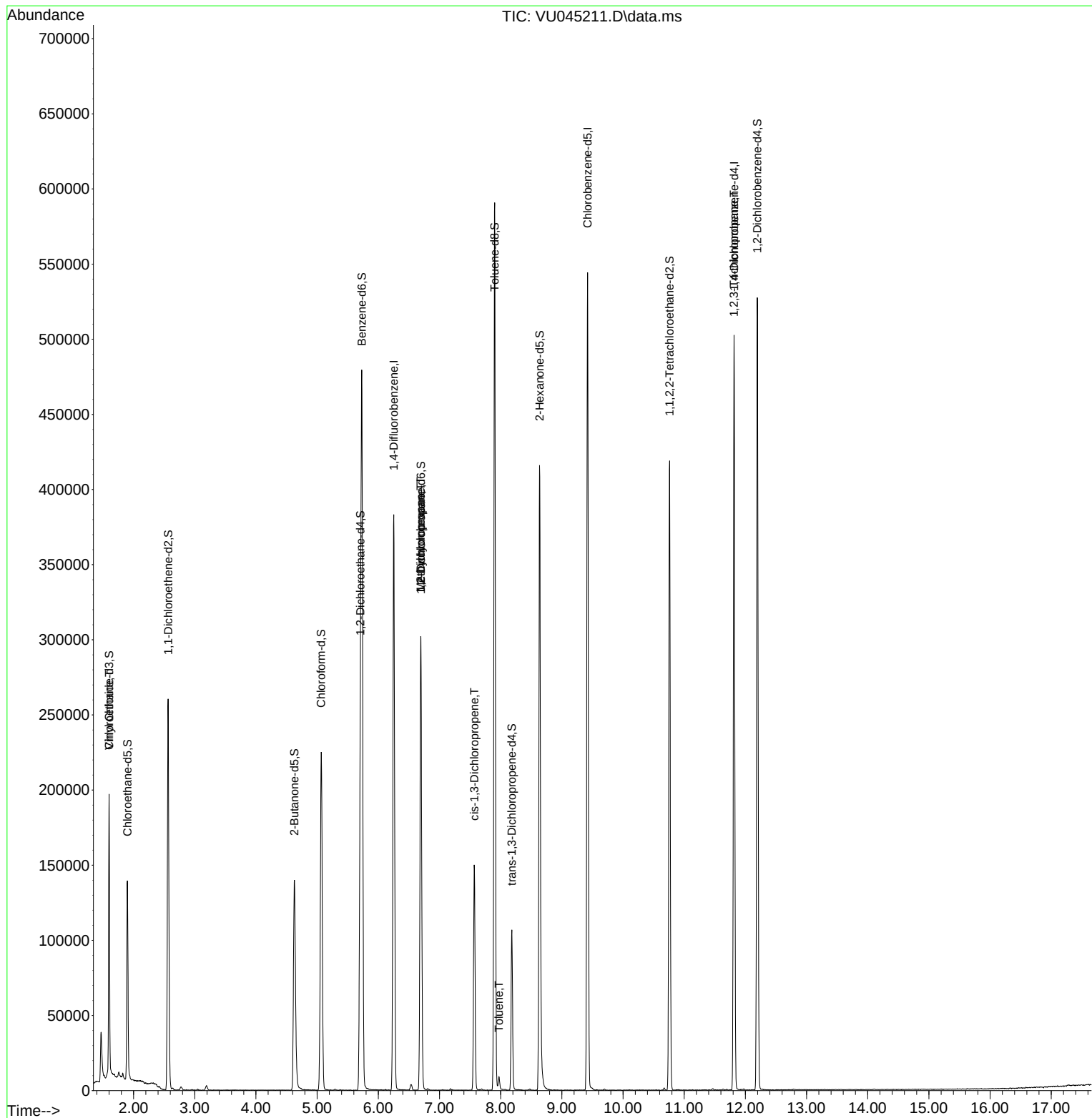
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	295071	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	283481	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	124670	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	118608	36.719	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.440%		
7) Chloroethane-d5	1.900	69	101231	39.548	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.100%		
11) 1,1-Dichloroethene-d2	2.565	63	160000	29.495	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.000%#		
21) 2-Butanone-d5	4.629	46	199089	77.962	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	77.960%		
24) Chloroform-d	5.067	84	202859	39.763	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.520%		
26) 1,2-Dichloroethane-d4	5.706	65	146153	42.293	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.580%		
32) Benzene-d6	5.732	84	420492	42.747	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.500%		
36) 1,2-Dichloropropane-d6	6.697	67	135545	42.260	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.520%		
41) Toluene-d8	7.903	98	369441	43.520	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.040%		
43) trans-1,3-Dichloroprop...	8.182	79	55737	39.066	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.140%		
47) 2-Hexanone-d5	8.636	63	139543	78.507	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	78.510%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	204675	40.980	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	81.960%		
66) 1,2-Dichlorobenzene-d4	12.195	152	128619	47.406	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.820%		
Target Compounds						Qvalue
8) Chloroethane	1.601	64	13828	6.386	ug/L	89
35) Methylcyclohexane	6.694	83	31818	7.525	ug/L #	16
37) 1,2-Dichloropropane	6.694	63	15485	5.409	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3587	0.876	ug/L #	66
42) Toluene	7.973	91	5832	0.546	ug/L	98
60) 1,2,3-Trichloropropane	11.812	75	17123	4.966	ug/L #	69

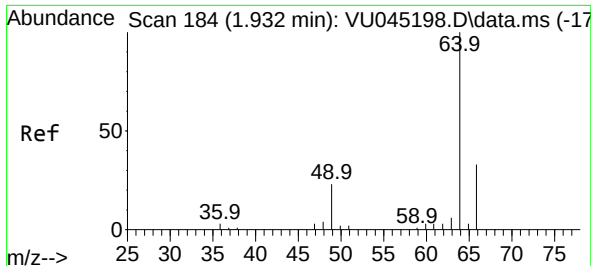
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 07 21:34:31 2021
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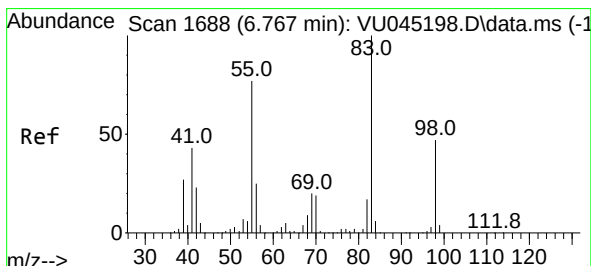
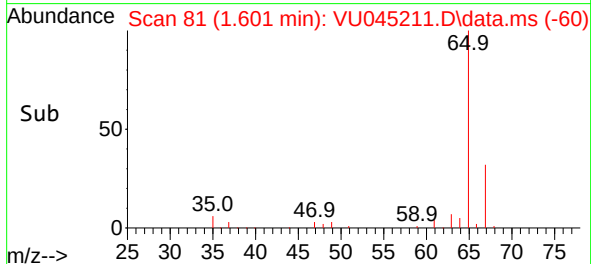
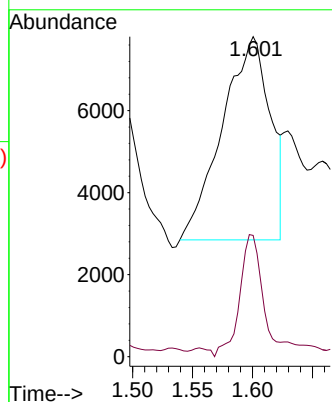
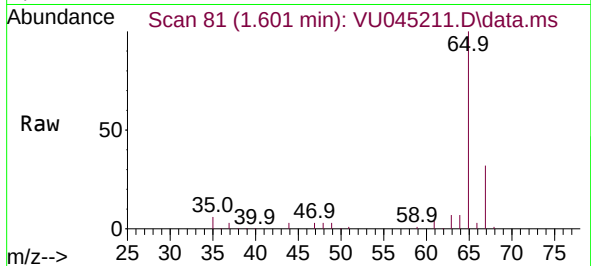




#8
Chloroethane
Concen: 6.386 ug/L
RT: 1.601 min Scan# 81
Delta R.T. -0.331 min
Lab File: VU045211.D
Acq: 07 Oct 2021 14:54

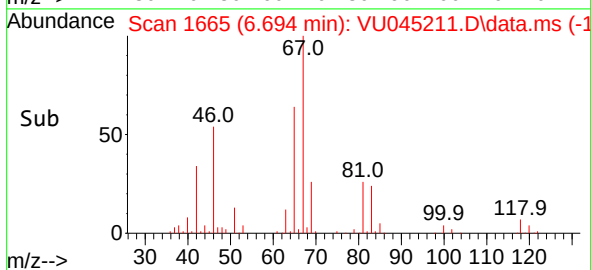
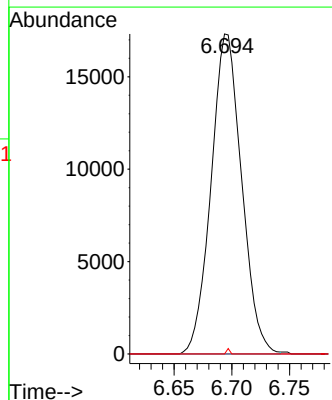
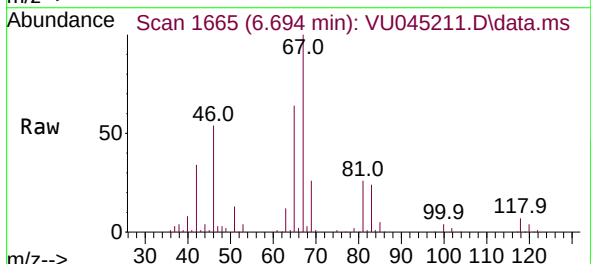
Instrument :
MSVOA_U
ClientSampled :

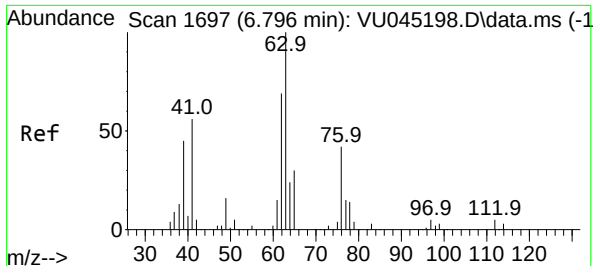
Tgt Ion: 64 Resp: 13828
Ion Ratio Lower Upper
64 100
66 37.9 22.3 41.3



#35
Methylcyclohexane
Concen: 7.525 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045211.D
Acq: 07 Oct 2021 14:54

Tgt Ion: 83 Resp: 31818
Ion Ratio Lower Upper
83 100
55 0.0 65.8 98.6#
98 0.0 37.1 55.7#



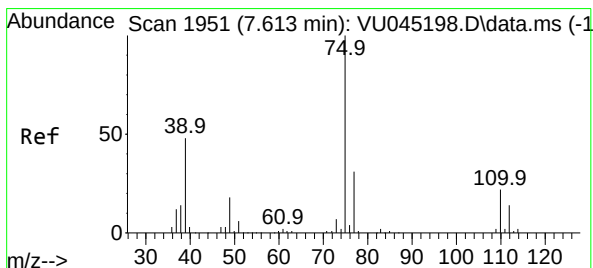
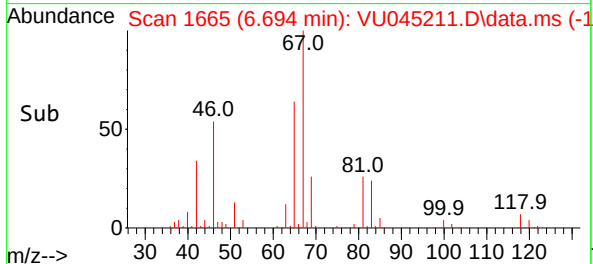
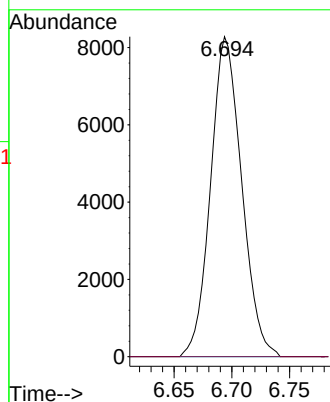
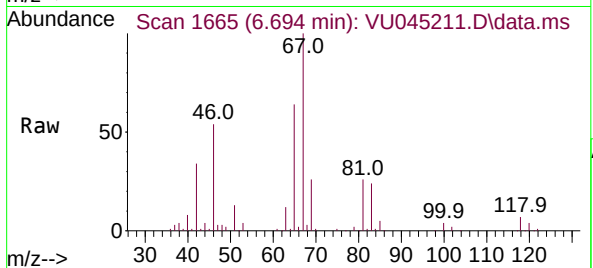


#37

1,2-Dichloropropane
Concen: 5.409 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045211.D
Acq: 07 Oct 2021 14:54

Instrument :
MSVOA_U
ClientSampled :

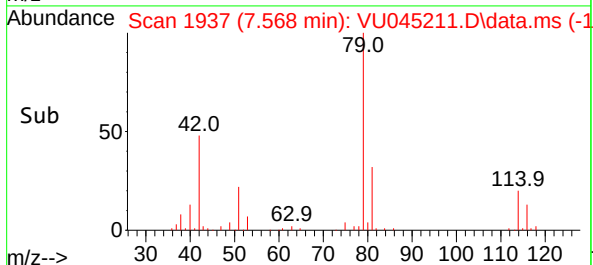
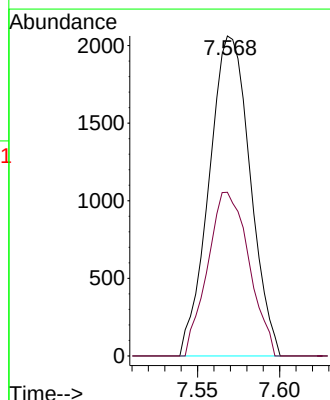
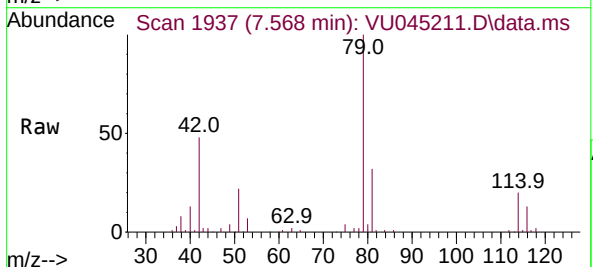
Tgt Ion: 63 Resp: 15485
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

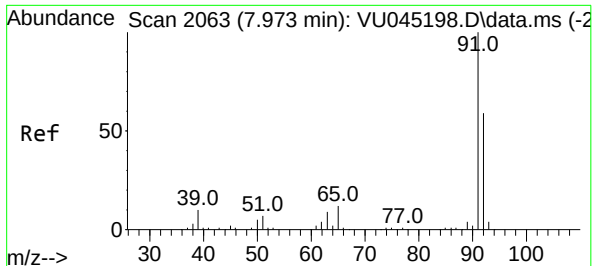


#39

cis-1,3-Dichloropropene
Concen: 0.876 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU045211.D
Acq: 07 Oct 2021 14:54

Tgt Ion: 75 Resp: 3587
Ion Ratio Lower Upper
75 100
77 51.2 22.4 41.6#

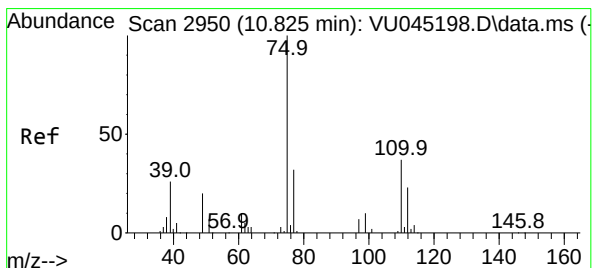
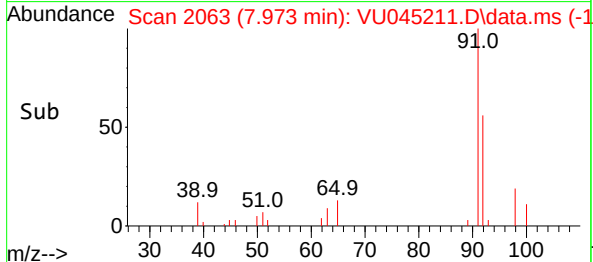
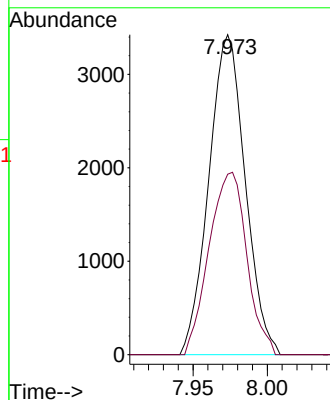
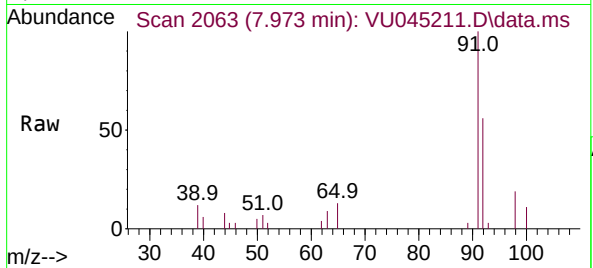




#42
Toluene
Concen: 0.546 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045211.D
Acq: 07 Oct 2021 14:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 5832
Ion Ratio Lower Upper
91 100
92 56.4 40.5 75.1



#60
1,2,3-Trichloropropane
Concen: 4.966 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU045211.D
Acq: 07 Oct 2021 14:54

Tgt Ion: 75 Resp: 17123
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3
110 2.0 29.0 43.4#

