

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045143.D
 Acq On : 05 Oct 2021 14:34
 Operator : SY/MD
 Sample : M3996-04DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A16DL

Quant Time: Oct 06 01:45:17 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)

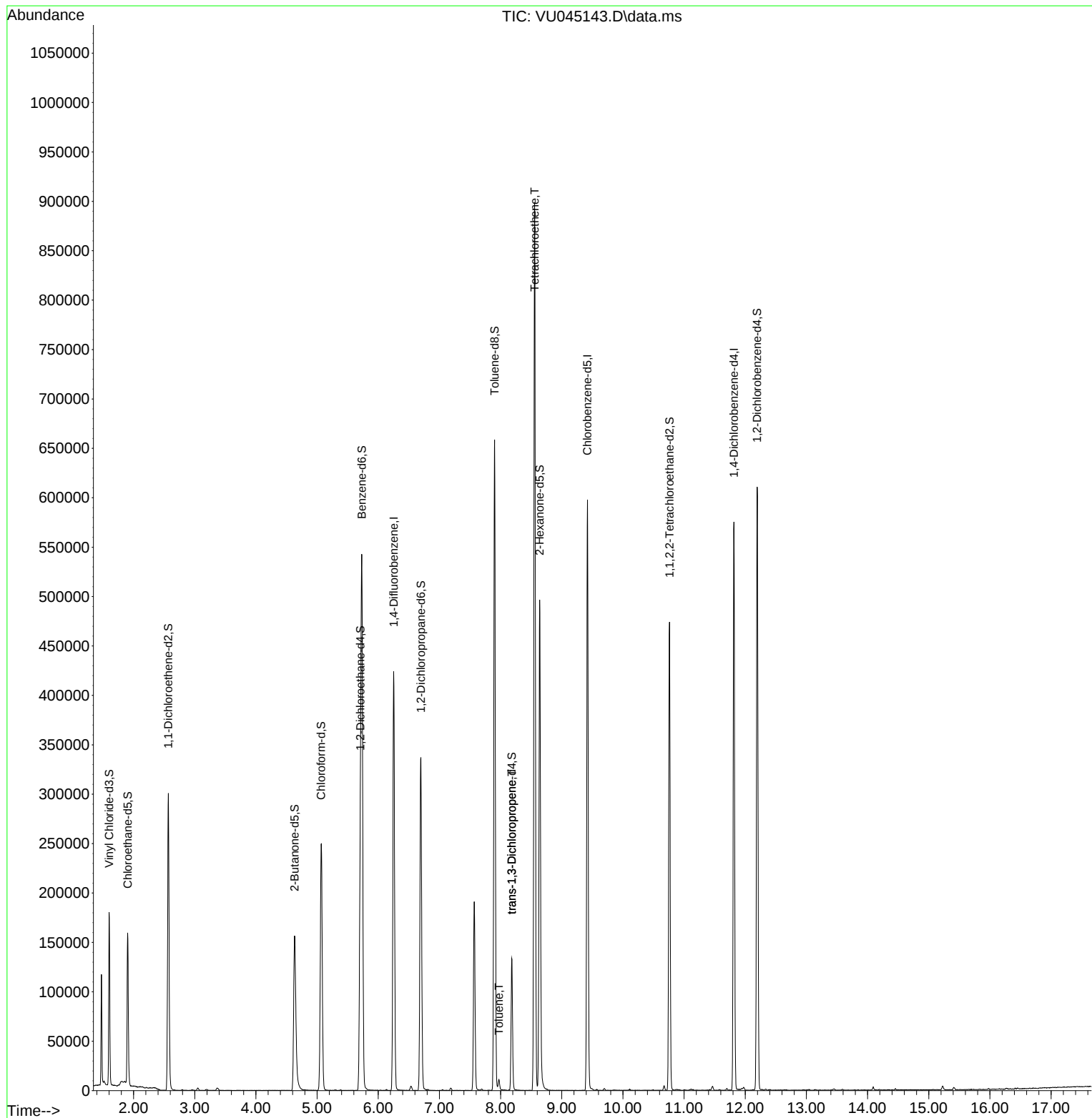
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	331657	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	307876	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	141236	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	127141	35.019	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	70.040%	
7) Chloroethane-d5	1.903	69	112806	39.209	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	78.420%	
11) 1,1-Dichloroethene-d2	2.568	63	180117	29.541	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	59.080%#	
21) 2-Butanone-d5	4.633	46	250407	87.240	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	87.240%	
24) Chloroform-d	5.067	84	227797	39.726	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	79.460%	
26) 1,2-Dichloroethane-d4	5.706	65	163315	42.046	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	84.100%	
32) Benzene-d6	5.732	84	483292	45.239	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.480%	
36) 1,2-Dichloropropane-d6	6.697	67	153563	44.084	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	88.160%	
41) Toluene-d8	7.902	98	423165	45.899	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	91.800%	
43) trans-1,3-Dichloroprop...	8.182	79	71018	45.832	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	91.660%	
47) 2-Hexanone-d5	8.639	63	178067	92.243	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	92.240%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	229396	42.290	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	84.580%	
66) 1,2-Dichlorobenzene-d4	12.195	152	149011	48.480	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	96.960%	
Target Compounds						
					Qvalue	
42) Toluene	7.973	91	6973	0.601	ug/L	96
44) trans-1,3-Dichloropropene	8.182	75	3589	0.848	ug/L	89
46) Tetrachloroethene	8.558	164	191354	97.610	ug/L	97

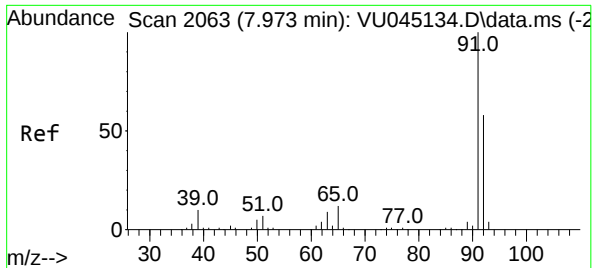
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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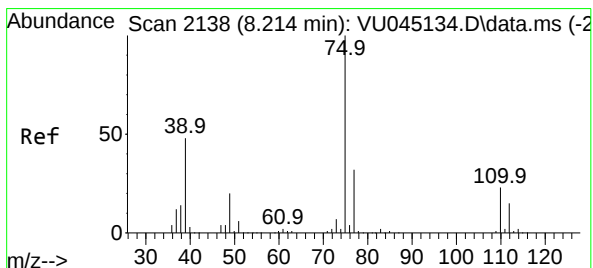
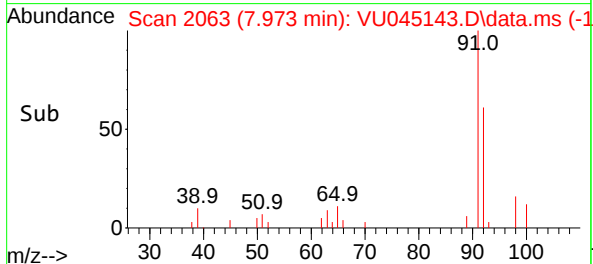
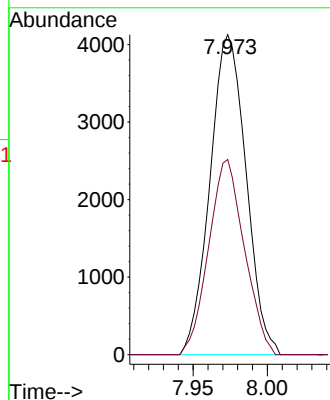
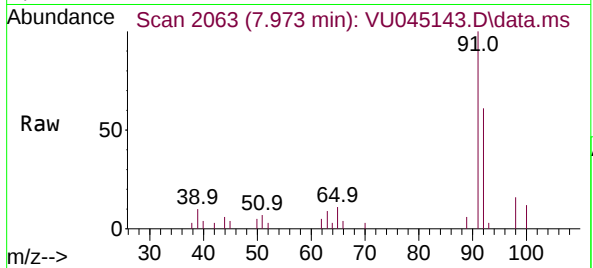




#42
Toluene
Concen: 0.601 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045143.D
Acq: 05 Oct 2021 14:34

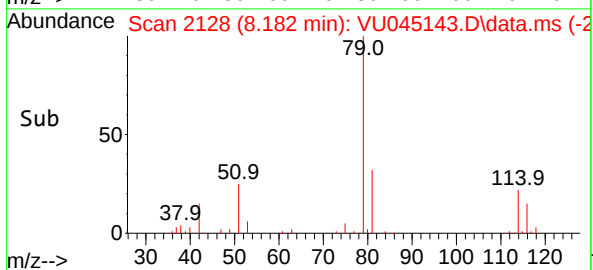
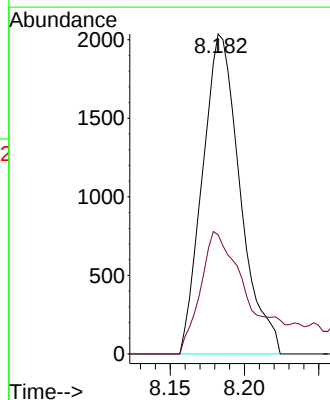
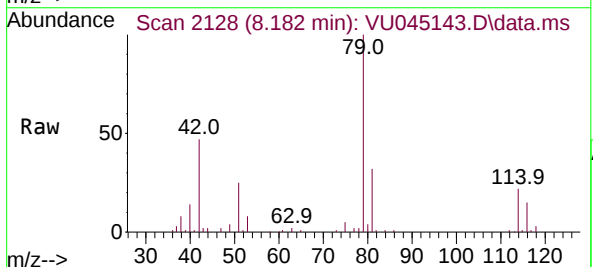
Instrument :
MSVOA_U
ClientSampleId :
F4A16DL

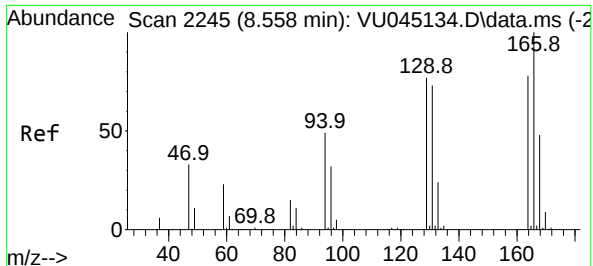
Tgt Ion: 91 Resp: 6973
Ion Ratio Lower Upper
91 100
92 61.0 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.848 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045143.D
Acq: 05 Oct 2021 14:34

Tgt Ion: 75 Resp: 3589
Ion Ratio Lower Upper
75 100
77 37.3 21.7 40.3





#46
Tetrachloroethene
Concen: 97.610 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU045143.D
Acq: 05 Oct 2021 14:34

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:164 Resp: 191354

Ion	Ratio	Lower	Upper
164	100		
129	96.6	69.8	129.6
131	93.7	66.4	123.2
166	125.0	91.1	169.3

