

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
 Data File : VU046433.D
 Acq On : 16 Dec 2021 19:48
 Operator : SY/MD
 Sample : M5037-22
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C00Z2

Quant Time: Dec 17 01:55:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 17 01:49:40 2021
 Response via : Initial Calibration

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

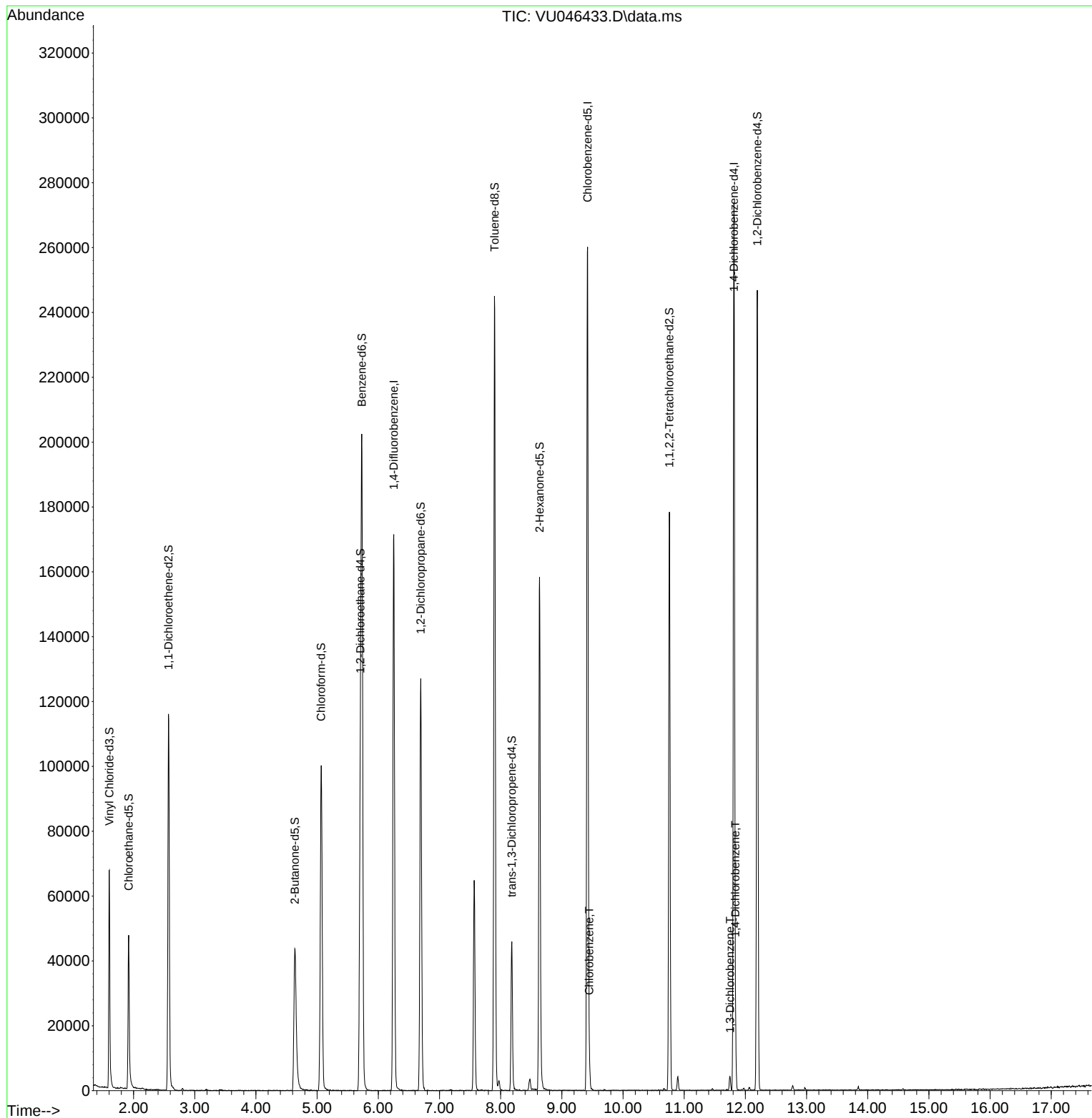
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	139654	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	144464	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	69857	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	53402	46.420	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.840%
7) Chloroethane-d5	1.919	69	39971	45.254	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.500%
11) 1,1-Dichloroethene-d2	2.572	63	70276	34.029	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.060%
21) 2-Butanone-d5	4.636	46	73211	80.055	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.050%
24) Chloroform-d	5.067	84	96026	49.985	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.960%
26) 1,2-Dichloroethane-d4	5.707	65	63401	49.176	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.360%
32) Benzene-d6	5.732	84	188303	45.477	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.960%
36) 1,2-Dichloropropane-d6	6.694	67	59088	46.046	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.100%
41) Toluene-d8	7.899	98	161371	42.804	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	8.182	79	26713	43.123	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.240%
47) 2-Hexanone-d5	8.636	63	54979	90.362	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.360%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	85001	43.678	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.360%
66) 1,2-Dichlorobenzene-d4	12.195	152	61897	46.009	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.020%
Target Compounds						
					Qvalue	
51) Chlorobenzene	9.449	112	4724	1.556	ug/L	93
64) 1,3-Dichlorobenzene	11.751	146	2138	0.990	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	6883	3.085	ug/L	99

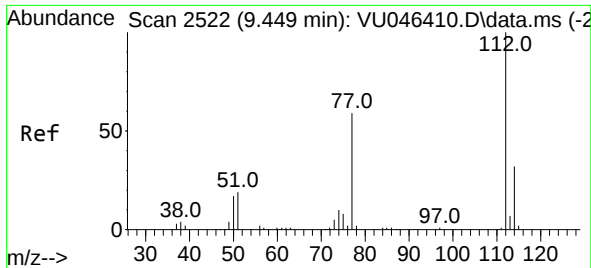
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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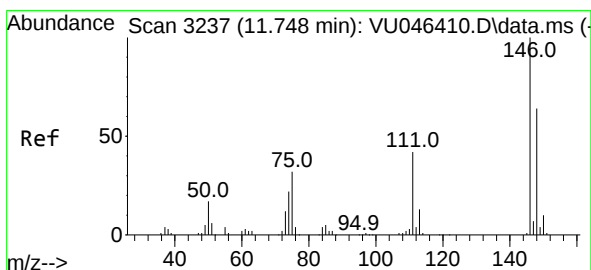
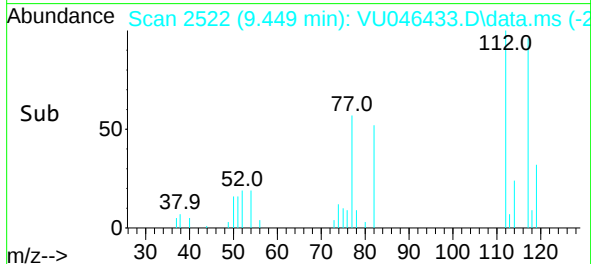
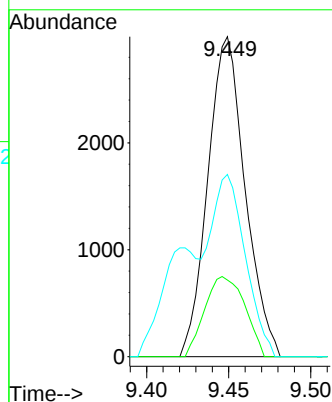
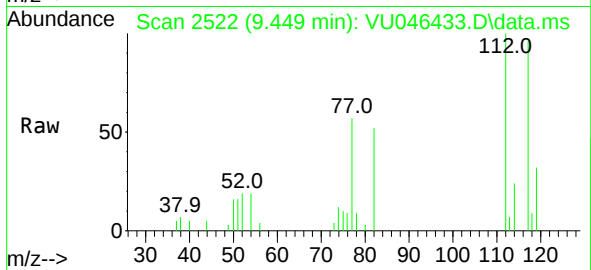




#51
Chlorobenzene
Concen: 1.556 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046433.D
Acq: 16 Dec 2021 19:48

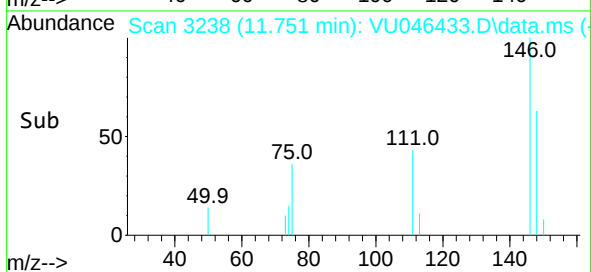
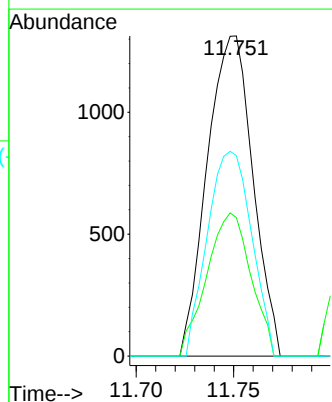
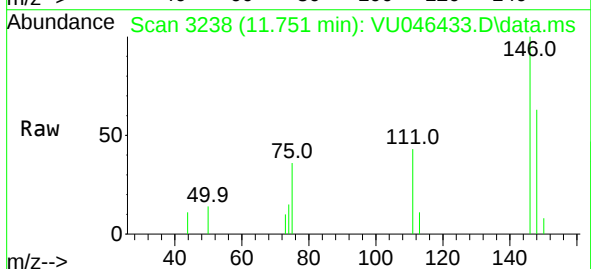
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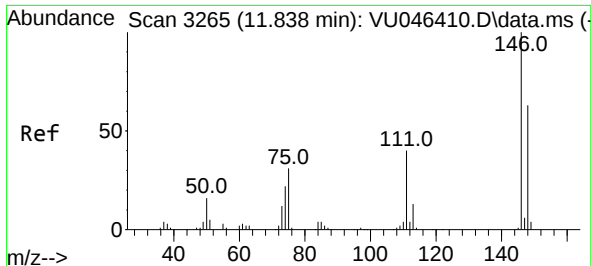
Tgt Ion:112 Resp: 4724
Ion Ratio Lower Upper
112 100
114 23.9 22.2 41.2
77 57.0 47.4 71.0



#64
1,3-Dichlorobenzene
Concen: 0.990 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.003 min
Lab File: VU046433.D
Acq: 16 Dec 2021 19:48

Tgt Ion:146 Resp: 2138
Ion Ratio Lower Upper
146 100
111 43.3 29.5 54.9
148 62.6 45.9 85.3





#65
 1,4-Dichlorobenzene
 Concen: 3.085 ug/L
 RT: 11.838 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU046433.D
 Acq: 16 Dec 2021 19:48

Instrument :
 MSVOA_U
 ClientSampleId :
 C00Z2

Tgt Ion:146 Resp: 6883
 Ion Ratio Lower Upper
 146 100
 111 39.6 28.3 52.7
 148 63.6 43.8 81.3

