

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
 Data File : VU046424.D
 Acq On : 16 Dec 2021 16:24
 Operator : SY/MD
 Sample : M5037-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C00X4

Quant Time: Dec 17 01:53:32 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)

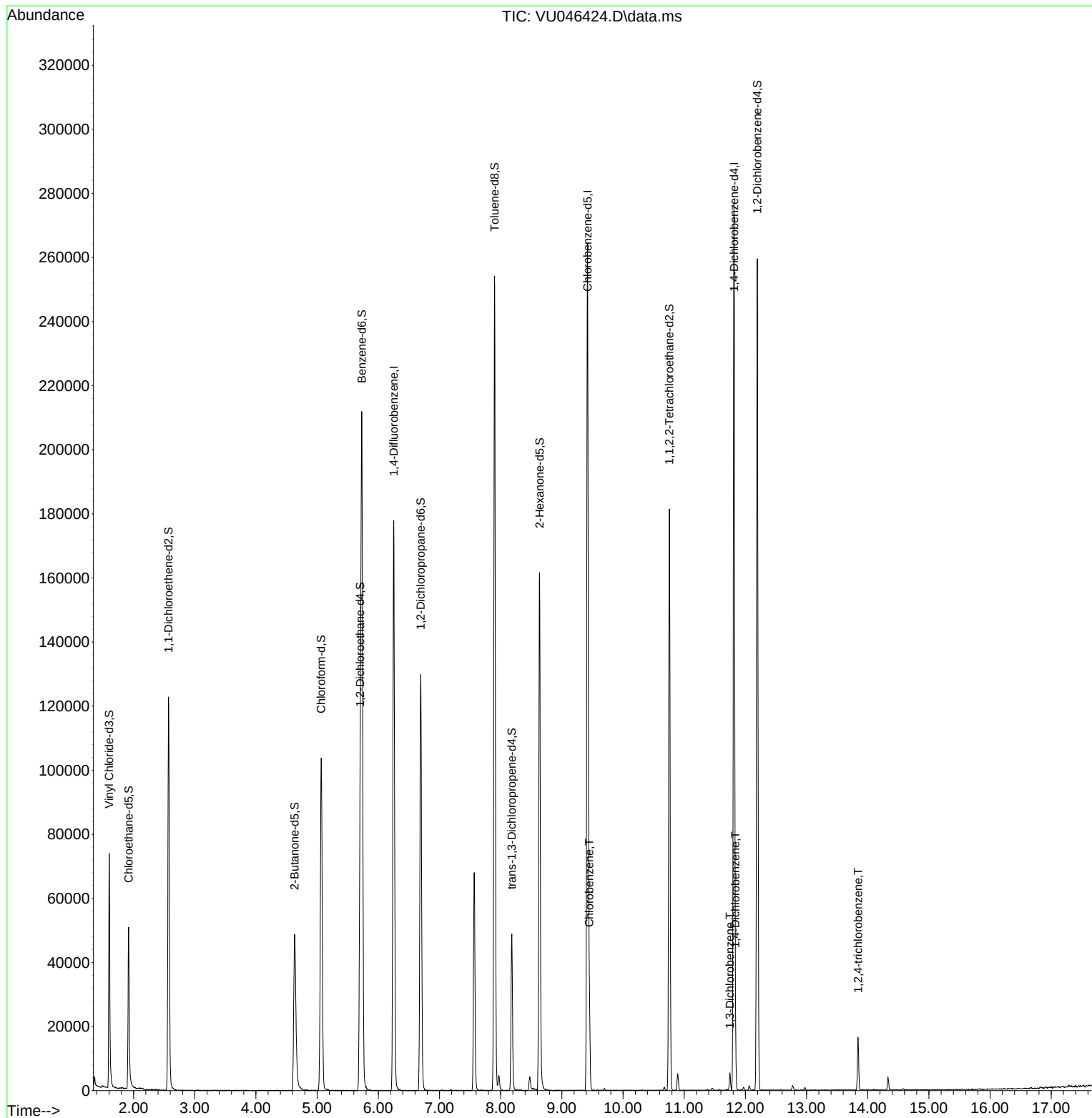
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	141965	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	144513	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	72559	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	57659	49.305	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.620%
7) Chloroethane-d5	1.919	69	41621	46.355	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.700%
11) 1,1-Dichloroethene-d2	2.571	63	73249	34.891	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.780%
21) 2-Butanone-d5	4.633	46	76455	82.241	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.240%
24) Chloroform-d	5.067	84	98224	50.297	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.703	65	66311	50.595	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.200%
32) Benzene-d6	5.732	84	195065	47.094	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.180%
36) 1,2-Dichloropropane-d6	6.694	67	59944	46.697	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.400%
41) Toluene-d8	7.899	98	165871	43.983	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.960%
43) trans-1,3-Dichloroprop...	8.182	79	28518	46.021	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.040%
47) 2-Hexanone-d5	8.636	63	57839	95.030	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.030%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	86434	44.399	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	64173	45.925	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.840%
Target Compounds						
					Qvalue	
51) Chlorobenzene	9.449	112	15451	5.089	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	2430	1.084	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	5160	2.226	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	5217	3.598	ug/L	97

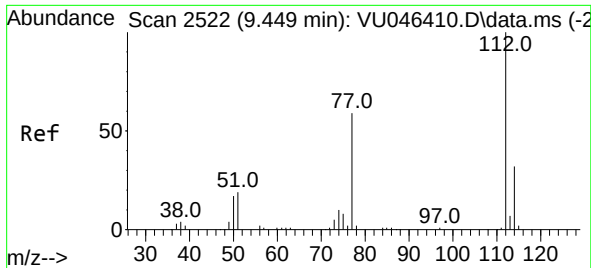
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
Data File : VU046424.D
Acq On : 16 Dec 2021 16:24
Operator : SY/MD
Sample : M5037-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C00X4

Quant Time: Dec 17 01:53:32 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

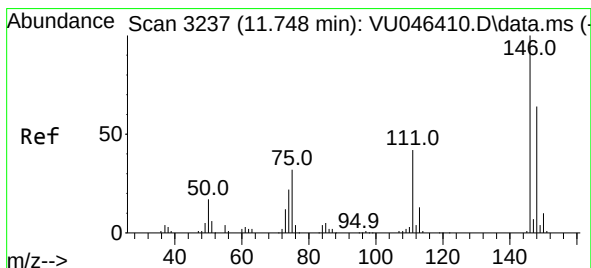
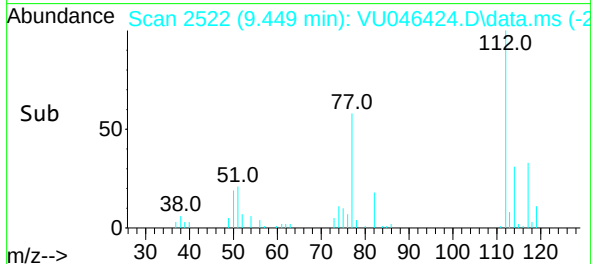
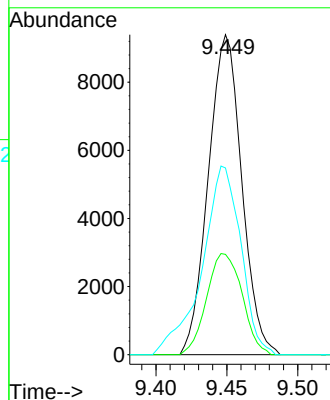
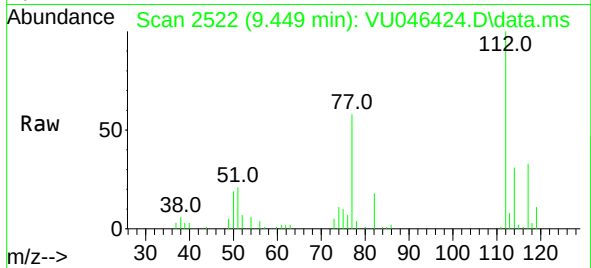




#51
Chlorobenzene
Concen: 5.089 ug/L
RT: 9.449 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046424.D
Acq: 16 Dec 2021 16:24

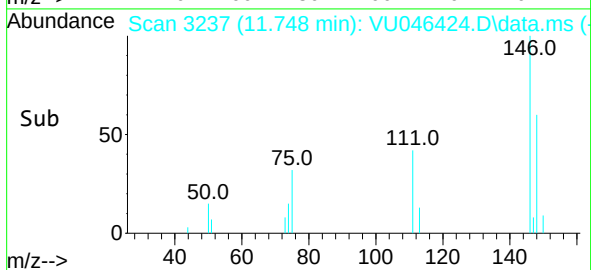
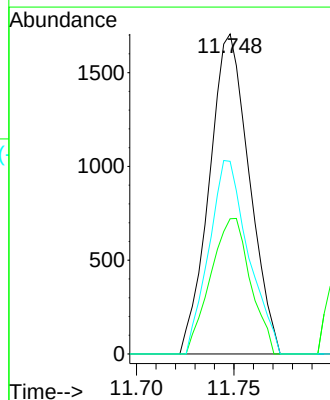
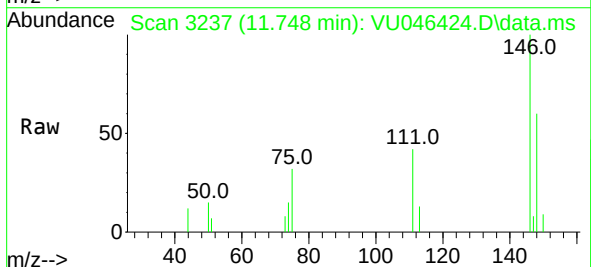
Instrument :
MSVOA_U
ClientSampleId :
C00X4

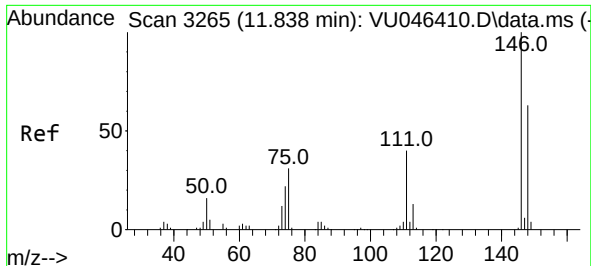
Tgt Ion:112 Resp: 15451
Ion Ratio Lower Upper
112 100
114 31.3 22.2 41.2
77 58.3 47.4 71.0



#64
1,3-Dichlorobenzene
Concen: 1.084 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU046424.D
Acq: 16 Dec 2021 16:24

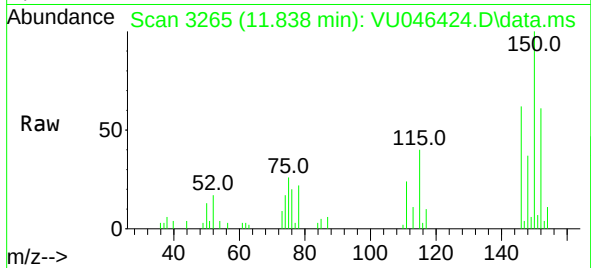
Tgt Ion:146 Resp: 2430
Ion Ratio Lower Upper
146 100
111 42.3 29.5 54.9
148 60.2 45.9 85.3



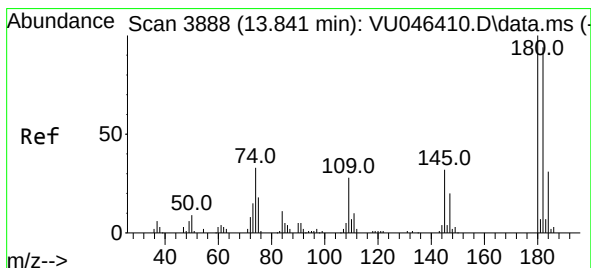
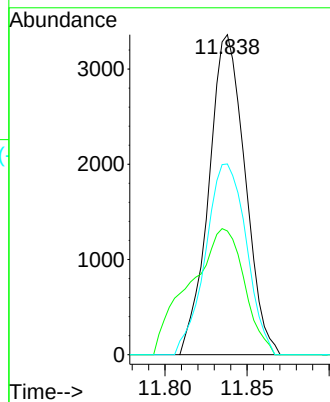
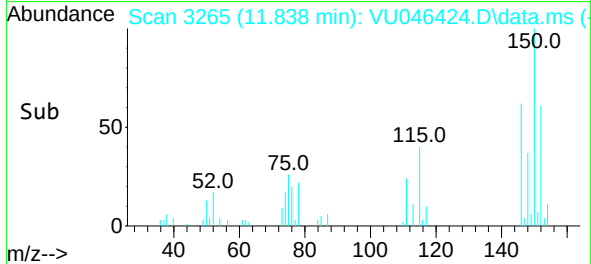


#65
1,4-Dichlorobenzene
Concen: 2.226 ug/L
RT: 11.838 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU046424.D
Acq: 16 Dec 2021 16:24

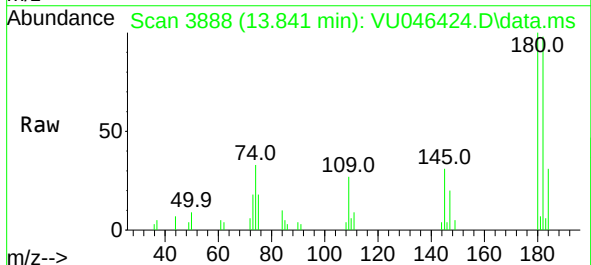
Instrument :
MSVOA_U
ClientSampleId :
C00X4



Tgt Ion:	146	Resp:	5160
Ion	Ratio	Lower	Upper
146	100		
111	38.7	28.3	52.7
148	59.6	43.8	81.3



#70
1,2,4-trichlorobenzene
Concen: 3.598 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU046424.D
Acq: 16 Dec 2021 16:24



Tgt Ion:	180	Resp:	5217
Ion	Ratio	Lower	Upper
180	100		
182	99.7	76.7	115.1
145	33.0	26.0	39.0

