

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020223\
 Data File : VU052926.D
 Acq On : 02 Feb 2023 15:24
 Operator : JC/MD
 Sample : 01381-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44M1

Quant Time: Feb 03 00:26:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 03 00:24:34 2023
 Response via : Initial Calibration

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

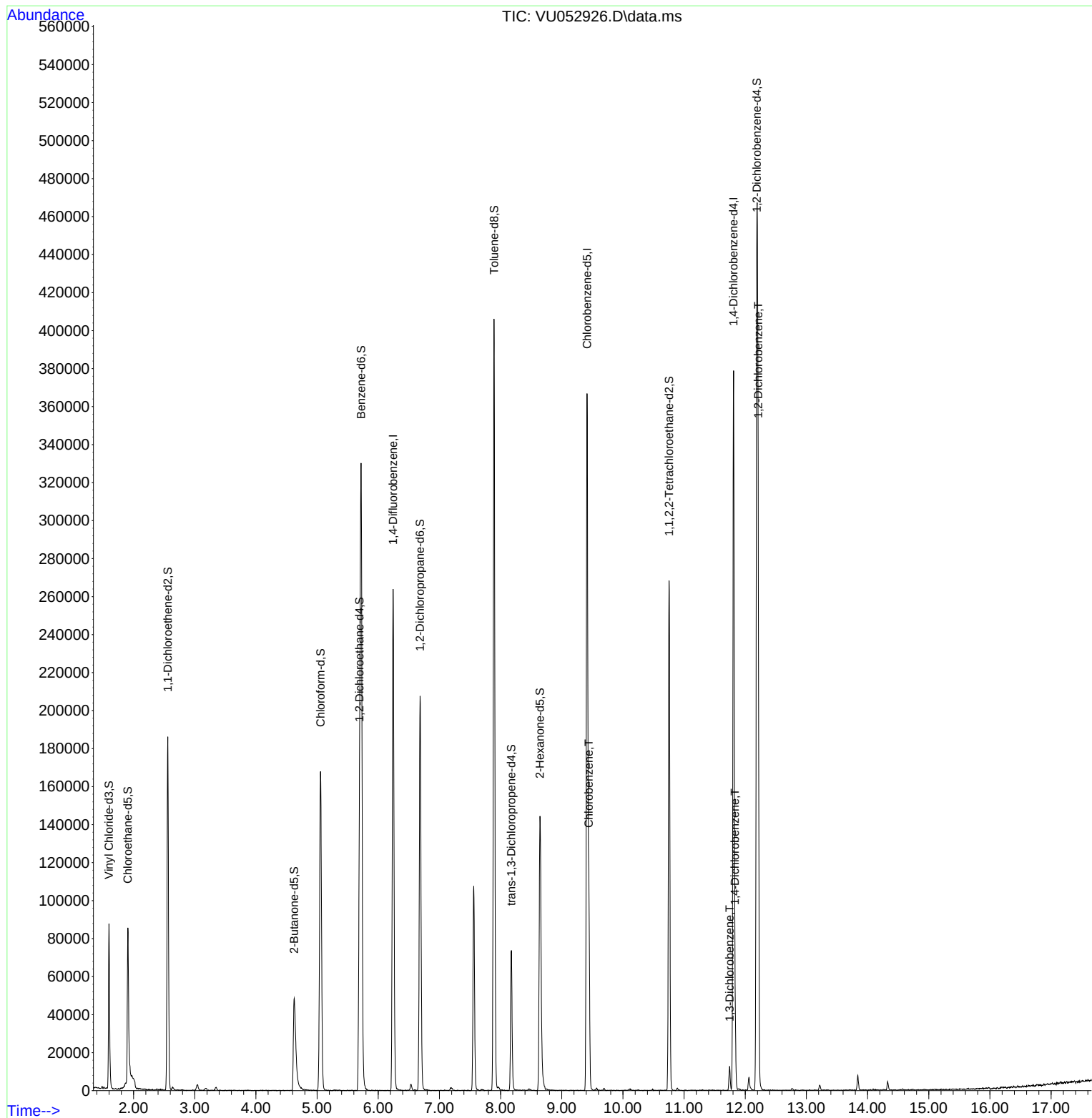
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	219845	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	211381	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	103948	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	68700	43.417	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.840%
7) Chloroethane-d5	1.906	69	67023	51.405	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.820%
11) 1,1-Dichloroethene-d2	2.559	63	108407	34.445	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.900%
21) 2-Butanone-d5	4.626	46	81944	83.830	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.830%
24) Chloroform-d	5.057	84	160399	47.497	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.694	65	105961	49.141	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.280%
32) Benzene-d6	5.719	84	312431	48.379	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.760%
36) 1,2-Dichloropropane-d6	6.684	67	93368	49.295	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.600%
41) Toluene-d8	7.893	98	266643	45.343	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.680%
43) trans-1,3-Dichloroprop...	8.176	79	43411	45.729	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.460%
47) 2-Hexanone-d5	8.642	63	56548	84.969	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.970%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	126371	45.158	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.320%
66) 1,2-Dichlorobenzene-d4	12.189	152	107399	53.210	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.420%
Target Compounds						
					Qvalue	
51) Chlorobenzene	9.443	112	54874	10.816	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	5760	1.701	ug/L	93
65) 1,4-Dichlorobenzene	11.832	146	16614	4.738	ug/L	95
67) 1,2-Dichlorobenzene	12.211	146	116867	34.112	ug/L	97

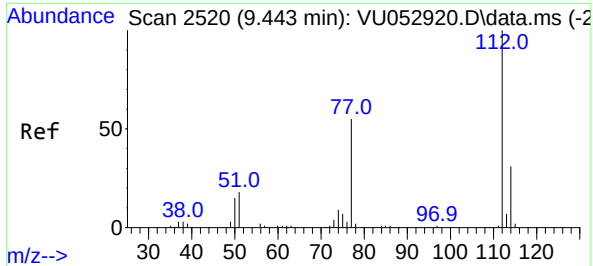
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Feb 03 00:24:34 2023
Response via : Initial Calibration



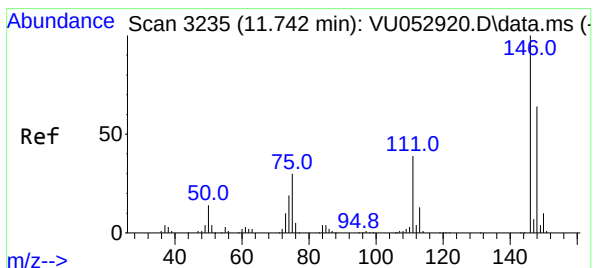
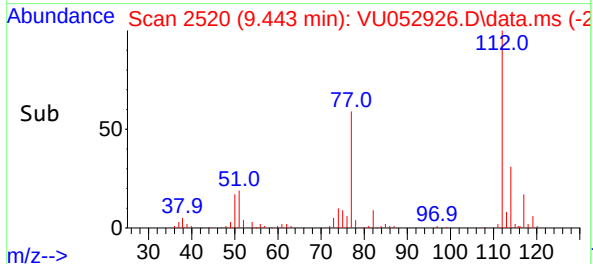
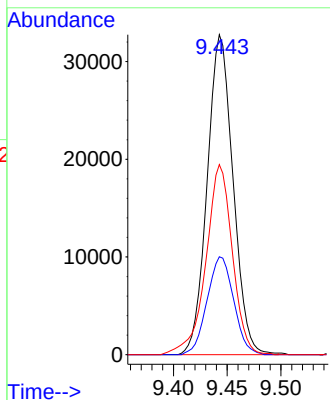
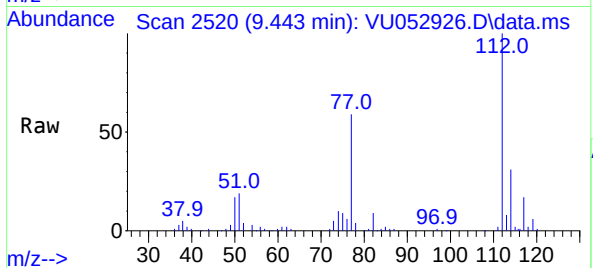


#51
Chlorobenzene
Concen: 10.816 ug/L
RT: 9.443 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052926.D
Acq: 02 Feb 2023 15:24

Instrument :
MSVOA_U
ClientSampleId :
A44M1

Tgt Ion:112 Resp: 54874

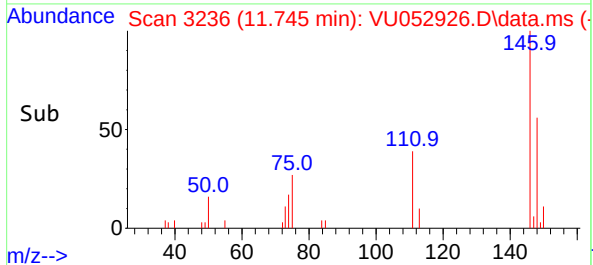
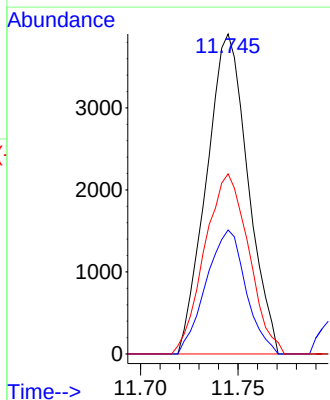
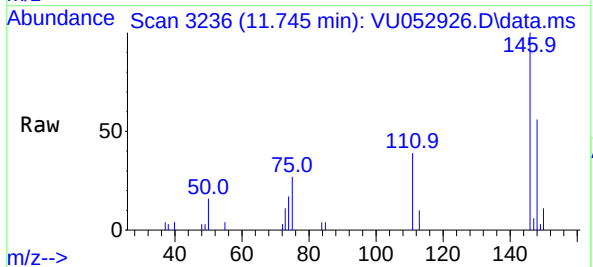
Ion	Ratio	Lower	Upper
112	100		
114	30.6	22.8	42.4
77	59.4	45.9	68.9

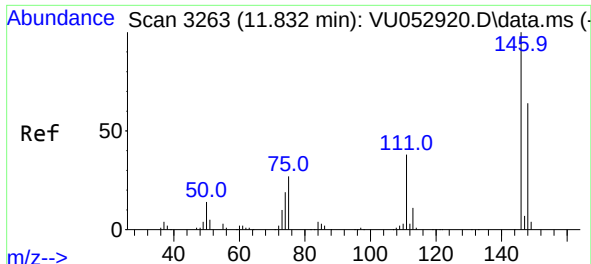


#64
1,3-Dichlorobenzene
Concen: 1.701 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU052926.D
Acq: 02 Feb 2023 15:24

Tgt Ion:146 Resp: 5760

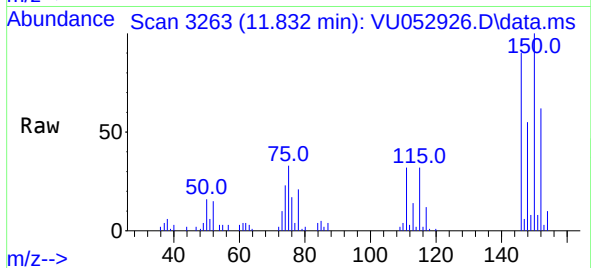
Ion	Ratio	Lower	Upper
146	100		
111	38.8	27.8	51.6
148	56.3	45.5	84.5



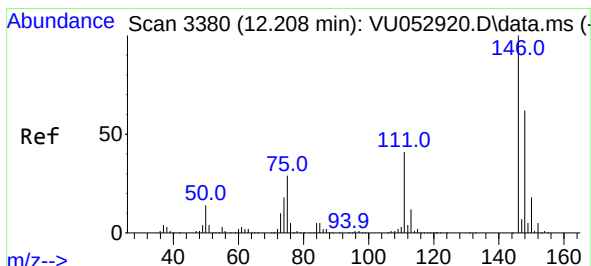
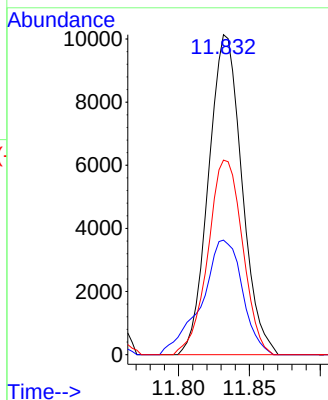
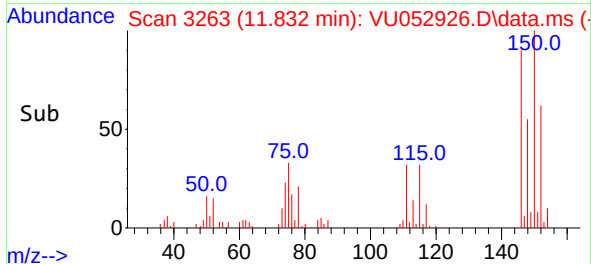


#65
1,4-Dichlorobenzene
Concen: 4.738 ug/L
RT: 11.832 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052926.D
Acq: 02 Feb 2023 15:24

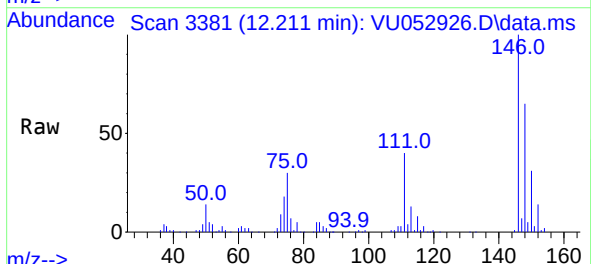
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Tgt Ion:	146	Resp:	16614
Ion	Ratio	Lower	Upper
146	100		
111	35.8	26.7	49.7
148	60.8	45.6	84.6



#67
1,2-Dichlorobenzene
Concen: 34.112 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU052926.D
Acq: 02 Feb 2023 15:24



Tgt Ion:	146	Resp:	116867
Ion	Ratio	Lower	Upper
146	100		
111	39.6	33.2	49.8
148	65.2	50.2	75.4

