

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048181.D
 Acq On : 21 Apr 2022 18:27
 Operator : SY/MD
 Sample : N2486-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J31

Quant Time: Apr 22 01:53:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 01:48:00 2022
 Response via : Initial Calibration

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

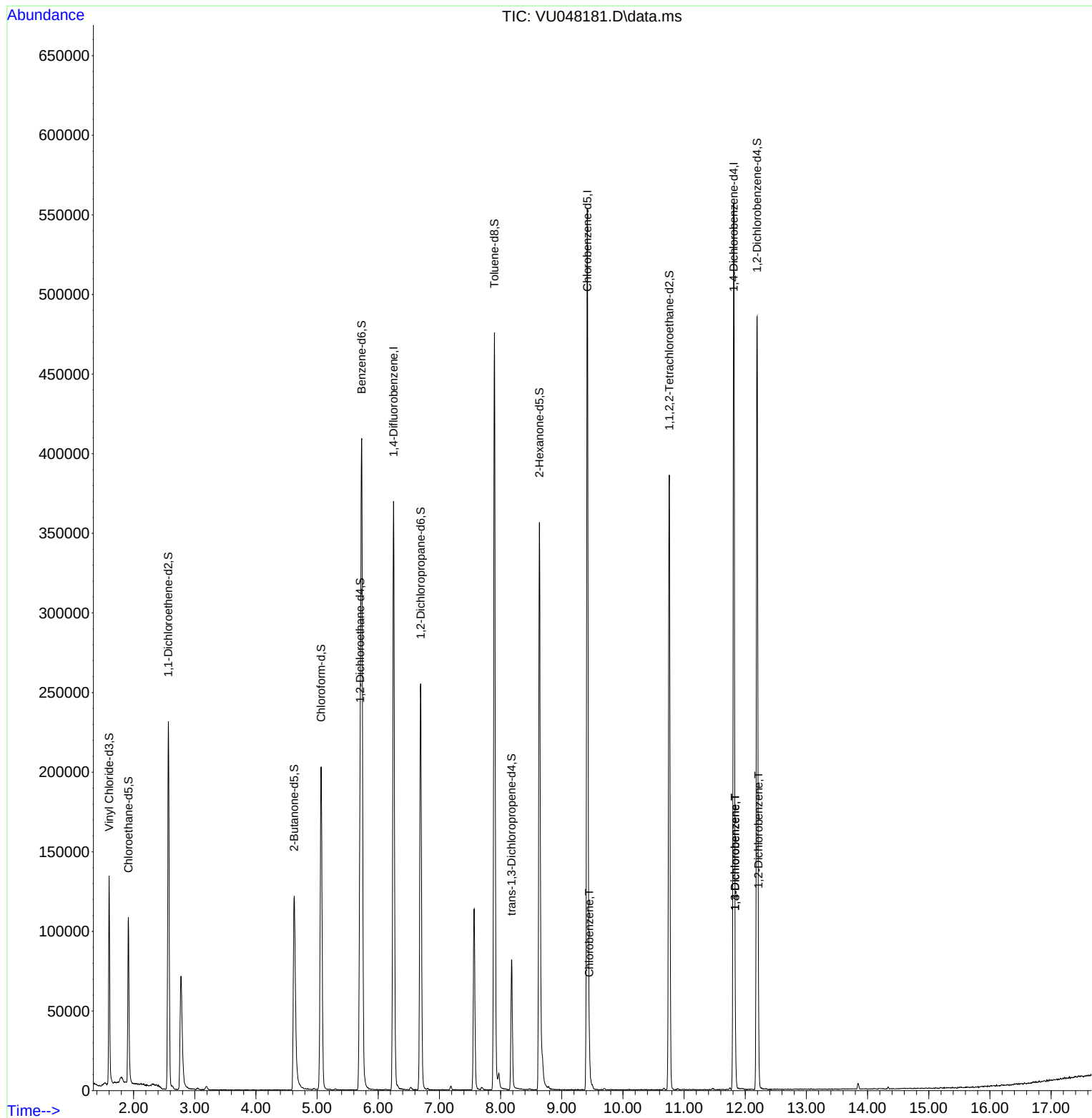
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	313921	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	331242	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	156615	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	99084	43.526	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.060%
7) Chloroethane-d5	1.916	69	83703	46.632	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.260%
11) 1,1-Dichloroethene-d2	2.568	63	133196	31.980	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.960%
21) 2-Butanone-d5	4.626	46	178931	91.575	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.580%
24) Chloroform-d	5.067	84	192695	46.262	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.520%
26) 1,2-Dichloroethane-d4	5.703	65	120416	47.136	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.280%
32) Benzene-d6	5.729	84	386105	46.323	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.640%
36) 1,2-Dichloropropane-d6	6.694	67	129754	50.690	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.380%
41) Toluene-d8	7.899	98	328845	40.495	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.980%
43) trans-1,3-Dichloroprop...	8.179	79	47585	36.694	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.380%
47) 2-Hexanone-d5	8.636	63	120794	80.611	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.610%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	196501	44.731	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.460%
66) 1,2-Dichlorobenzene-d4	12.195	152	138749	49.796	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
51) Chlorobenzene	9.449	112	10545	1.476	ug/L	95
64) 1,3-Dichlorobenzene	11.835	146	7830	1.664	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	7830	1.607	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	7616	1.618	ug/L #	92

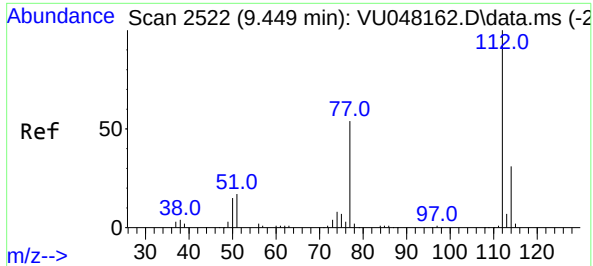
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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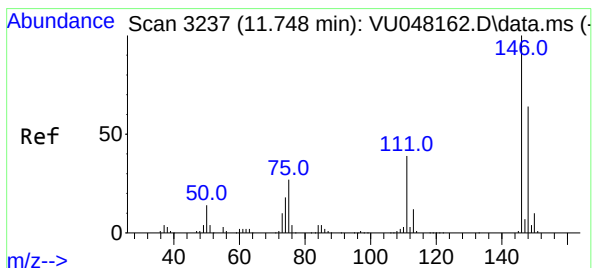
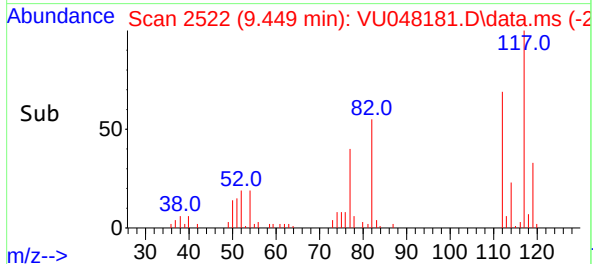
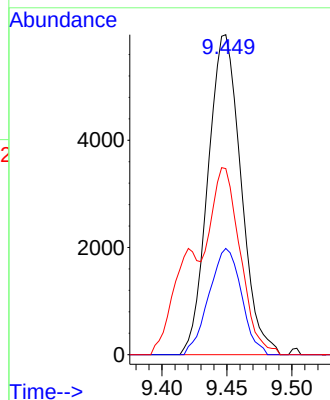
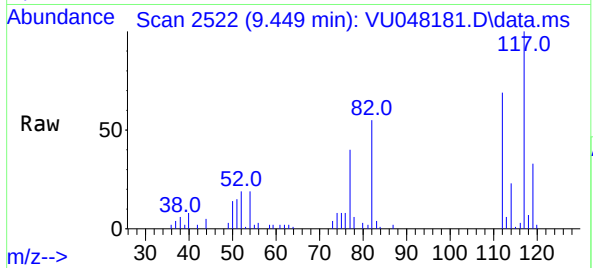




#51
Chlorobenzene
Concen: 1.476 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048181.D
Acq: 21 Apr 2022 18:27

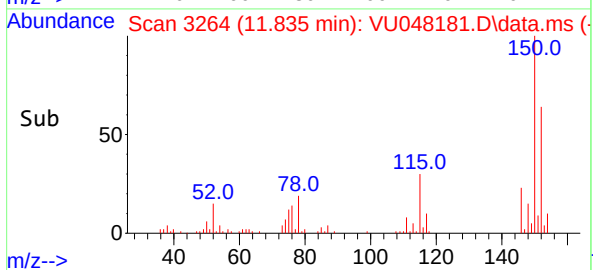
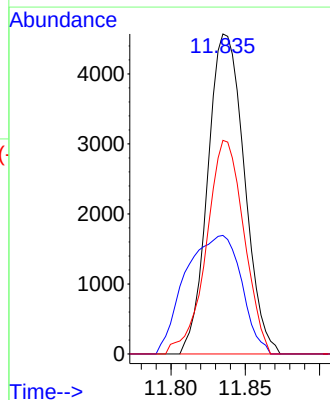
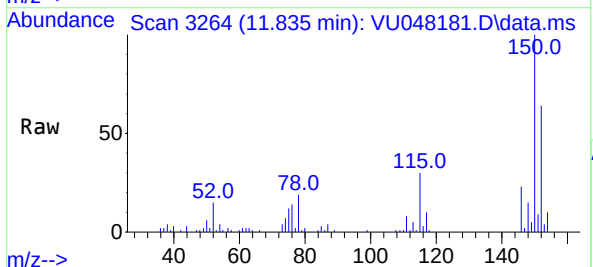
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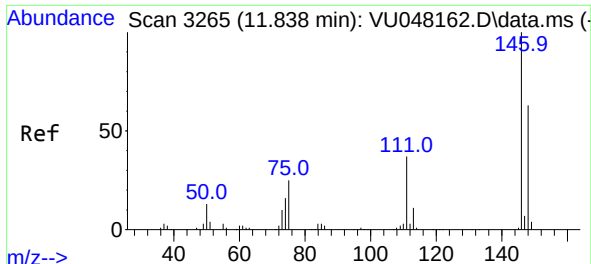
Tgt Ion:112 Resp: 10545
Ion Ratio Lower Upper
112 100
114 33.2 22.1 41.1
77 58.1 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 1.664 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.087 min
Lab File: VU048181.D
Acq: 21 Apr 2022 18:27

Tgt Ion:146 Resp: 7830
Ion Ratio Lower Upper
146 100
111 37.1 26.7 49.7
148 66.7 44.4 82.5

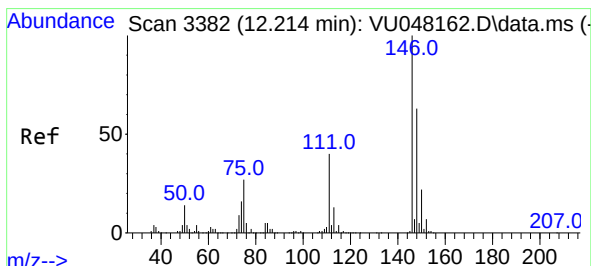
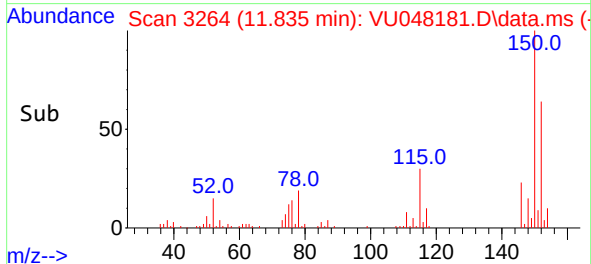
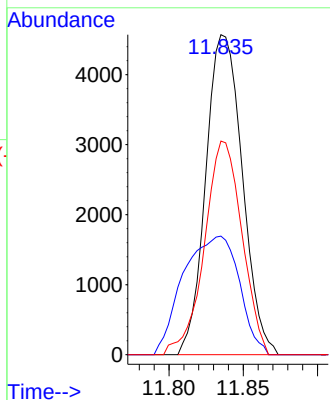
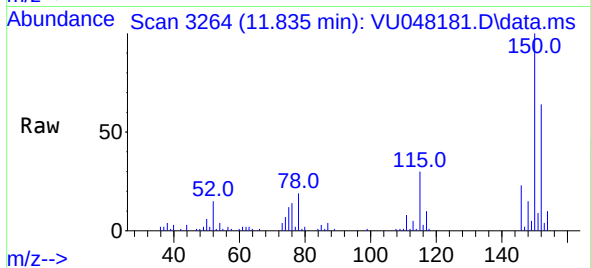




#65
1,4-Dichlorobenzene
Concen: 1.607 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048181.D
Acq: 21 Apr 2022 18:27

Instrument :
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ClientSampleId :
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Tgt Ion:	146	Resp:	7830
Ion	Ratio	Lower	Upper
146	100		
111	37.1	25.3	47.1
148	66.7	44.5	82.7



#67
1,2-Dichlorobenzene
Concen: 1.618 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU048181.D
Acq: 21 Apr 2022 18:27

Tgt Ion:	146	Resp:	7616
Ion	Ratio	Lower	Upper
146	100		
111	49.0	31.7	47.5#
148	67.6	51.4	77.2

