

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW120922\  
 Data File : VW029550.D  
 Acq On : 10 Dec 2022 02:43  
 Operator : SY/MD  
 Sample : N5915-10DL 200X  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F5N09DL

Quant Time: Dec 10 04:24:17 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM120722WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Dec 10 00:41:04 2022  
 Response via : Initial Calibration

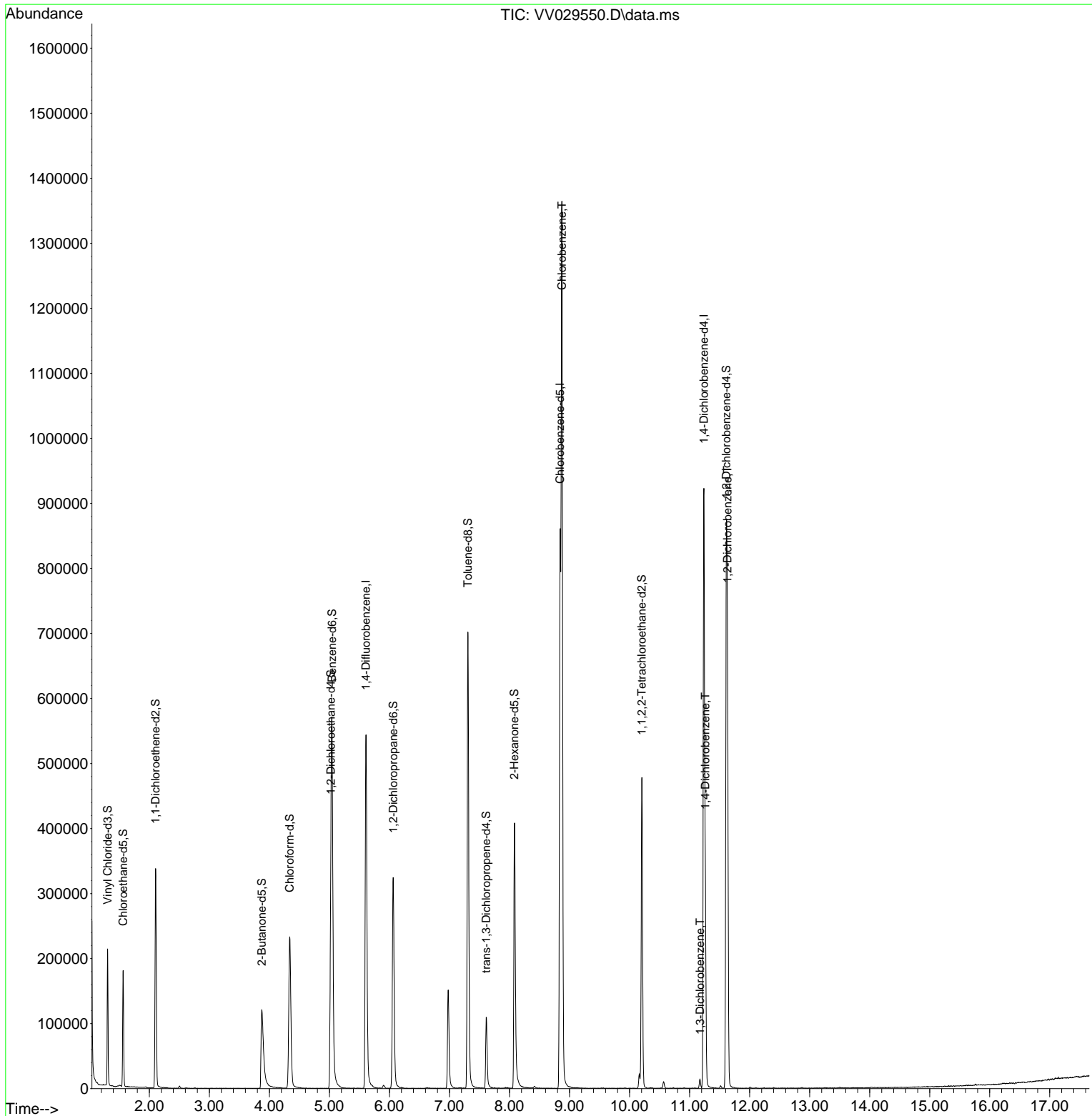
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	503577	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	466792	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	244880	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	131654	42.694	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery =	85.380%		
7) Chloroethane-d5	1.564	69	112126	47.685	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery =	95.360%		
11) 1,1-Dichloroethene-d2	2.105	63	173115	35.993	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery =	71.980%		
21) 2-Butanone-d5	3.873	46	183781	97.697	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery =	97.700%		
24) Chloroform-d	4.339	84	253727	43.724	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery =	87.440%		
26) 1,2-Dichloroethane-d4	5.024	65	152592	46.041	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery =	92.080%		
32) Benzene-d6	5.043	84	549469	44.548	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery =	89.100%		
36) 1,2-Dichloropropane-d6	6.063	67	169288	44.933	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery =	89.860%		
41) Toluene-d8	7.307	98	496402	42.714	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery =	85.420%		
43) trans-1,3-Dichloroprop...	7.612	79	67656	35.562	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery =	71.120%		
47) 2-Hexanone-d5	8.082	63	159980	99.439	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery =	99.440%		
56) 1,1,2,2-Tetrachloroeth...	10.204	84	237835	44.176	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery =	88.360%		
66) 1,2-Dichlorobenzene-d4	11.612	152	196529	42.159	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery =	84.320%		
Target Compounds						
51) Chlorobenzene	8.873	112	748202	83.433	ug/L	99
64) 1,3-Dichlorobenzene	11.175	146	6427	0.914	ug/L	98
65) 1,4-Dichlorobenzene	11.262	146	123191	17.243	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	240180	33.412	ug/L	99

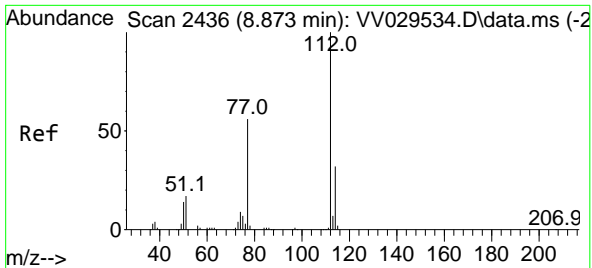
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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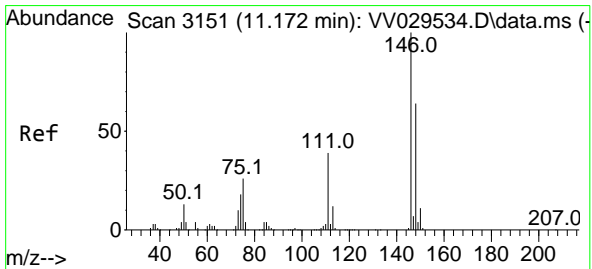
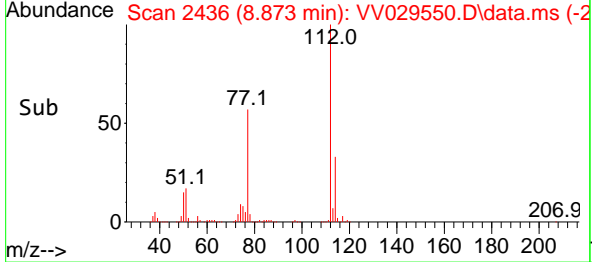
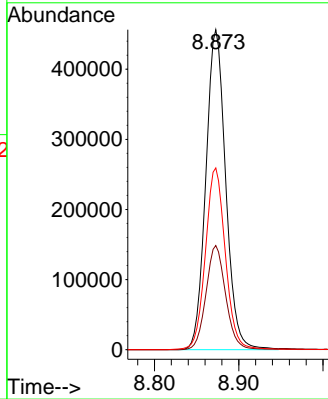
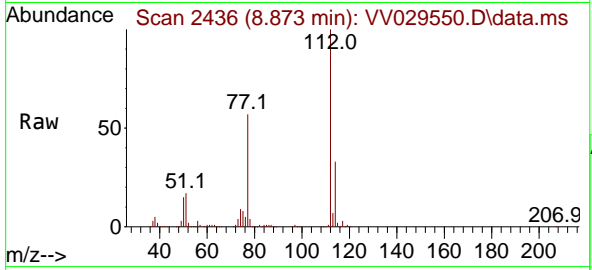


#51  
 Chlorobenzene  
 Concen: 83.433 ug/L  
 RT: 8.873 min Scan# 2436  
 Delta R.T. 0.000 min  
 Lab File: VV029550.D  
 Acq: 10 Dec 2022 02:43

Instrument : MSVOA\_V  
 ClientSampleId : F5N09DL

Tgt Ion:112 Resp: 748202

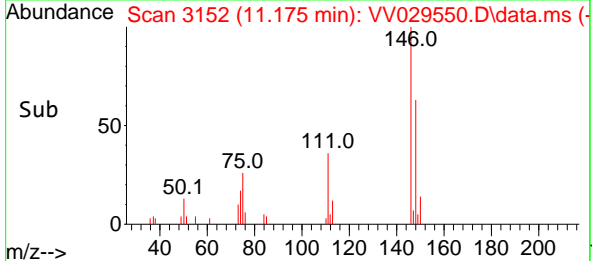
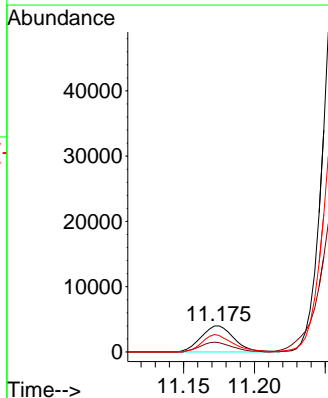
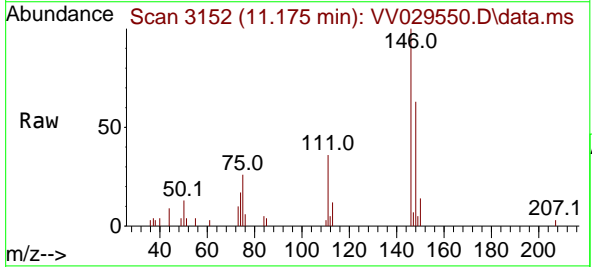
Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.3	41.3
77	56.8	45.0	67.4

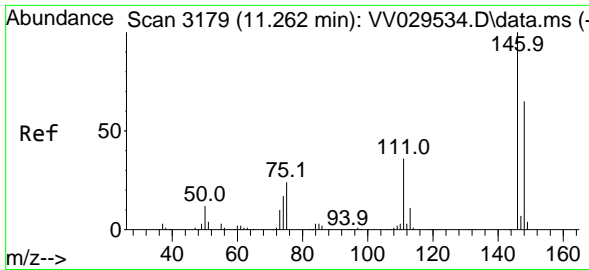


#64  
 1,3-Dichlorobenzene  
 Concen: 0.914 ug/L  
 RT: 11.175 min Scan# 3152  
 Delta R.T. 0.003 min  
 Lab File: VV029550.D  
 Acq: 10 Dec 2022 02:43

Tgt Ion:146 Resp: 6427

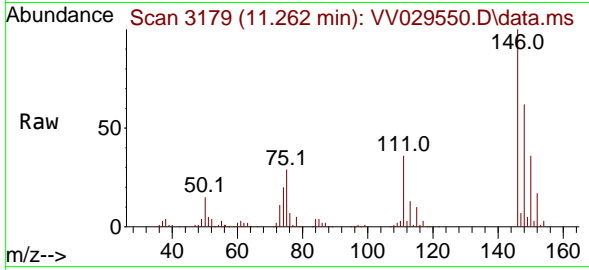
Ion	Ratio	Lower	Upper
146	100		
111	35.8	27.4	51.0
148	63.3	44.6	82.8



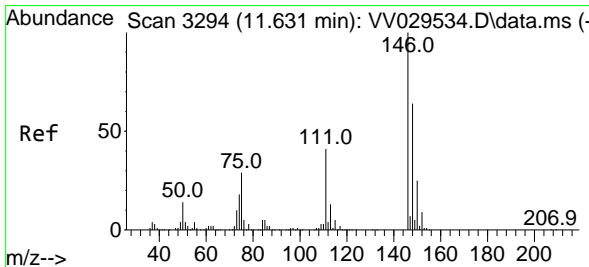
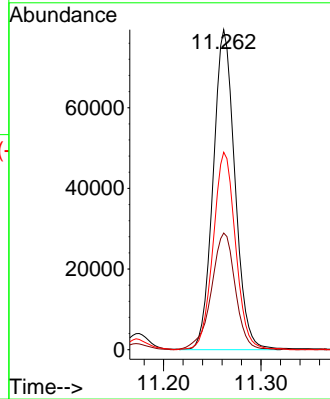
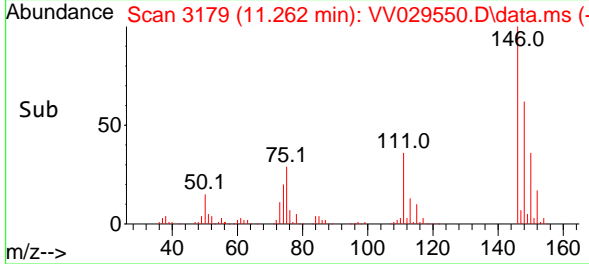


#65  
 1,4-Dichlorobenzene  
 Concen: 17.243 ug/L  
 RT: 11.262 min Scan# 3179  
 Delta R.T. 0.000 min  
 Lab File: VV029550.D  
 Acq: 10 Dec 2022 02:43

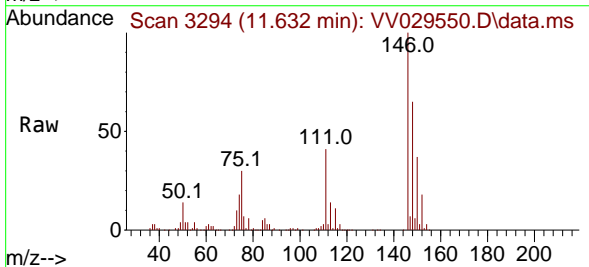
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Tgt Ion:146 Resp: 123191  
 Ion Ratio Lower Upper  
 146 100  
 111 36.5 26.2 48.8  
 148 61.7 44.7 83.1



#67  
 1,2-Dichlorobenzene  
 Concen: 33.412 ug/L  
 RT: 11.632 min Scan# 3294  
 Delta R.T. 0.000 min  
 Lab File: VV029550.D  
 Acq: 10 Dec 2022 02:43



Tgt Ion:146 Resp: 240180  
 Ion Ratio Lower Upper  
 146 100  
 111 40.6 32.0 48.0  
 148 64.7 50.6 76.0

