

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040423\
 Data File : VU053569.D
 Acq On : 04 Apr 2023 18:18
 Operator : JC/MD
 Sample : 02158-12DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-9S(20230330)DL

Quant Time: Apr 04 23:13:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

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

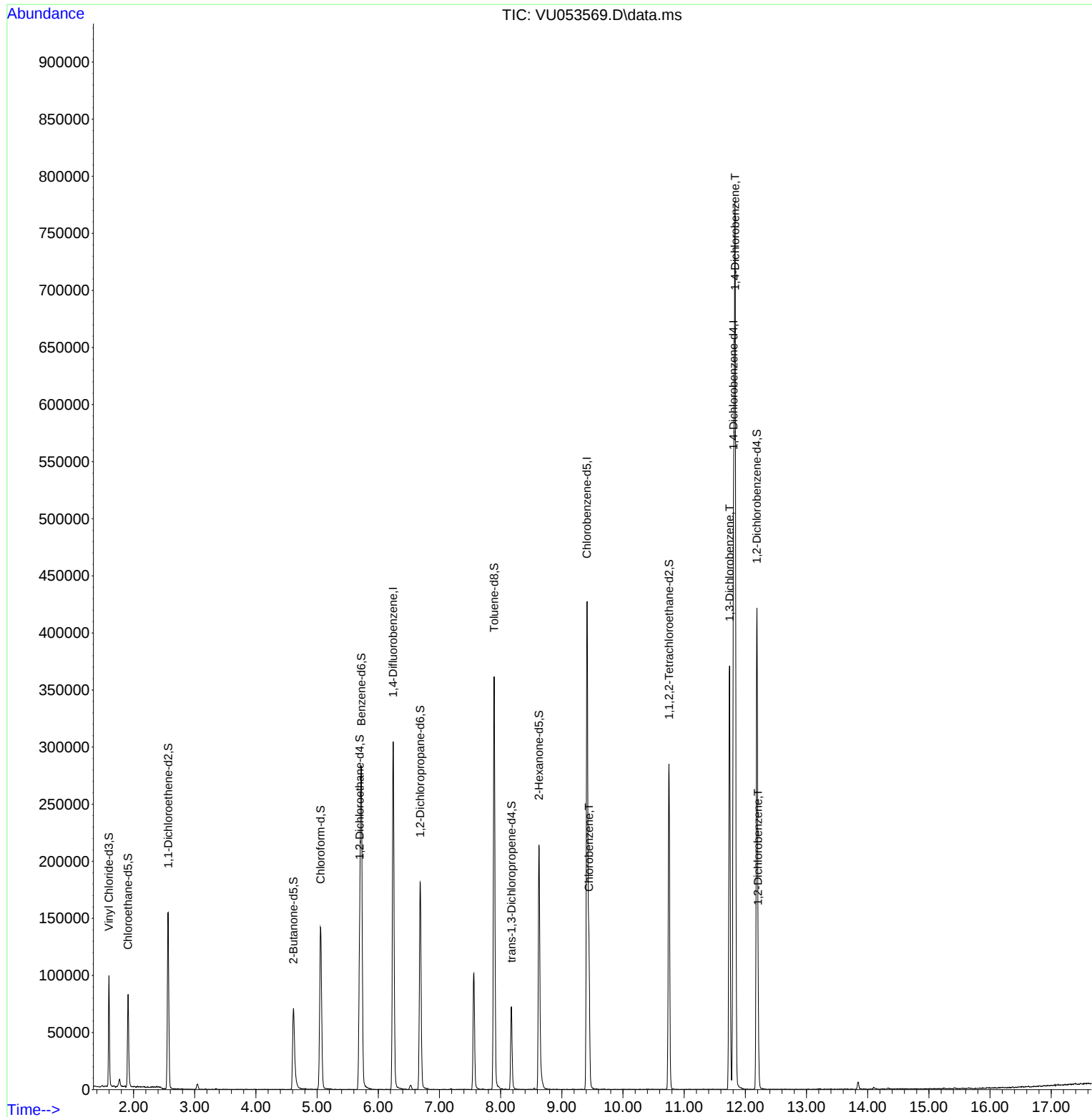
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	262992	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	248256	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	130538	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	69615	33.995	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.980%
7) Chloroethane-d5	1.909	69	62728	39.728	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.460%
11) 1,1-Dichloroethene-d2	2.565	63	87420	27.578	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.160%#
21) 2-Butanone-d5	4.613	46	101283	109.240	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.240%
24) Chloroform-d	5.057	84	136357	40.262	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.520%
26) 1,2-Dichloroethane-d4	5.697	65	90469	45.207	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.420%
32) Benzene-d6	5.723	84	275834	41.162	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.320%
36) 1,2-Dichloropropane-d6	6.684	67	91881	44.859	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.720%
41) Toluene-d8	7.893	98	255471	38.357	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.720%#
43) trans-1,3-Dichloroprop...	8.176	79	41785	39.521	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.040%
47) 2-Hexanone-d5	8.626	63	76504	109.443	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.440%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	135107	46.801	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	110420	40.524	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.040%
Target Compounds						
					Qvalue	
51) Chlorobenzene	9.443	112	66180	13.104	ug/L	95
64) 1,3-Dichlorobenzene	11.742	146	152919	37.919	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	301424	73.337	ug/L	97
67) 1,2-Dichlorobenzene	12.208	146	17247	4.291	ug/L	97

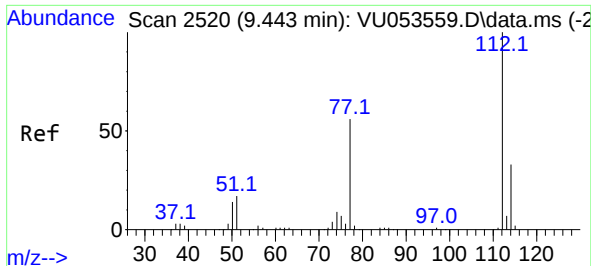
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Apr 01 04:51:17 2023
Response via : Initial Calibration

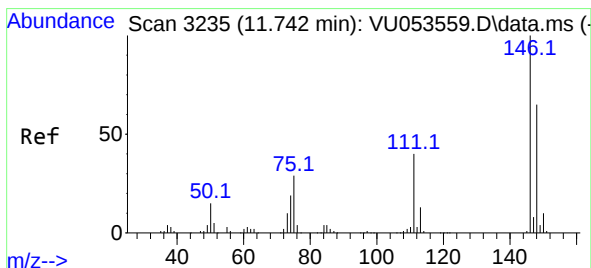
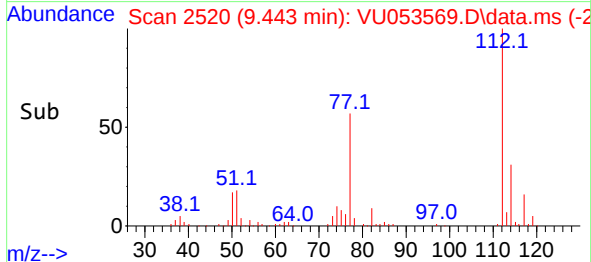
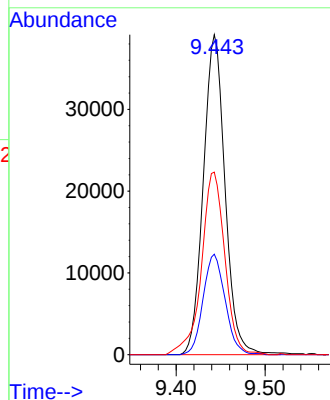
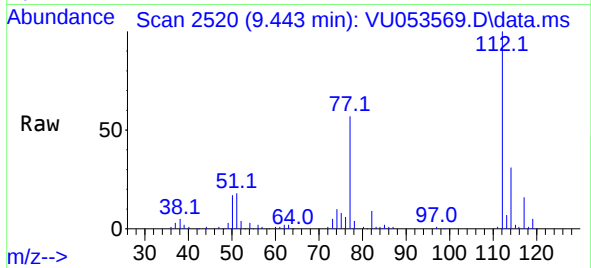




#51
Chlorobenzene
Concen: 13.104 ug/L
RT: 9.443 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU053569.D
Acq: 04 Apr 2023 18:18

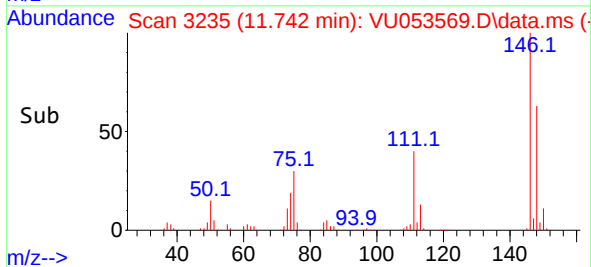
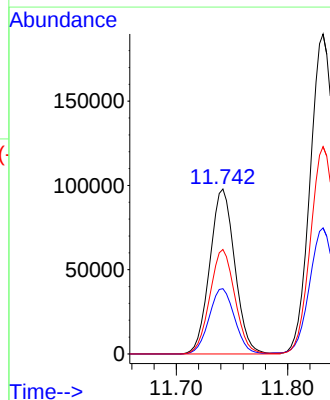
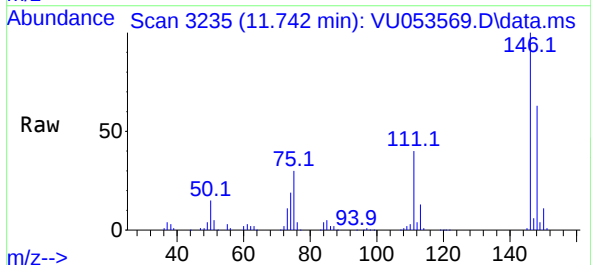
Instrument :
MSVOA_U
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PMW-9S(20230330)DL

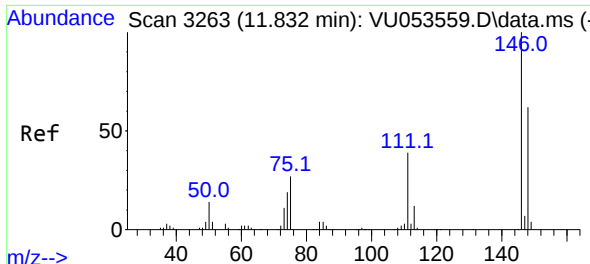
Tgt Ion:112 Resp: 66180
Ion Ratio Lower Upper
112 100
114 31.4 22.2 41.2
77 57.1 41.3 61.9



#64
1,3-Dichlorobenzene
Concen: 37.919 ug/L
RT: 11.742 min Scan# 3235
Delta R.T. 0.000 min
Lab File: VU053569.D
Acq: 04 Apr 2023 18:18

Tgt Ion:146 Resp: 152919
Ion Ratio Lower Upper
146 100
111 39.5 25.7 47.7
148 63.3 44.2 82.2

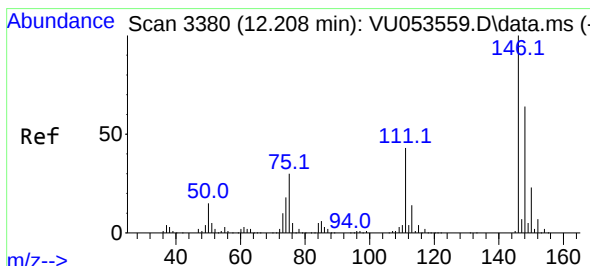
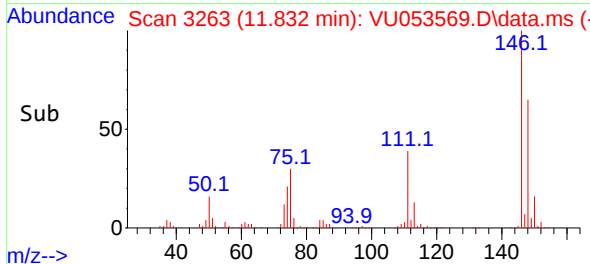
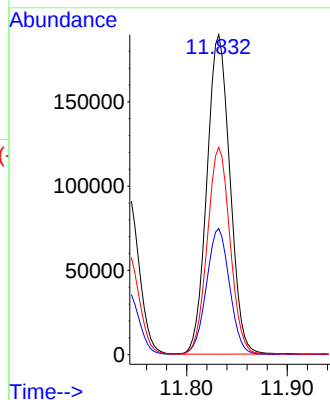
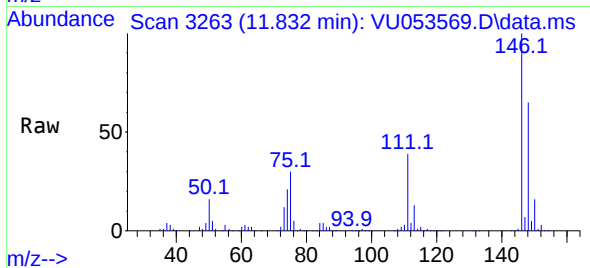




#65
1,4-Dichlorobenzene
Concen: 73.337 ug/L
RT: 11.832 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU053569.D
Acq: 04 Apr 2023 18:18

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ClientSampleId :
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Tgt Ion:146 Resp: 301424
Ion Ratio Lower Upper
146 100
111 39.4 25.1 46.5
148 64.8 44.3 82.3



#67
1,2-Dichlorobenzene
Concen: 4.291 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. 0.000 min
Lab File: VU053569.D
Acq: 04 Apr 2023 18:18

Tgt Ion:146 Resp: 17247
Ion Ratio Lower Upper
146 100
111 42.4 31.5 47.3
148 62.8 51.6 77.4

