

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041023\
 Data File : VU053621.D
 Acq On : 10 Apr 2023 18:25
 Operator : JC/MD
 Sample : 02251-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMD6

Quant Time: Apr 11 02:24:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 11 02:19:45 2023
 Response via : Initial Calibration

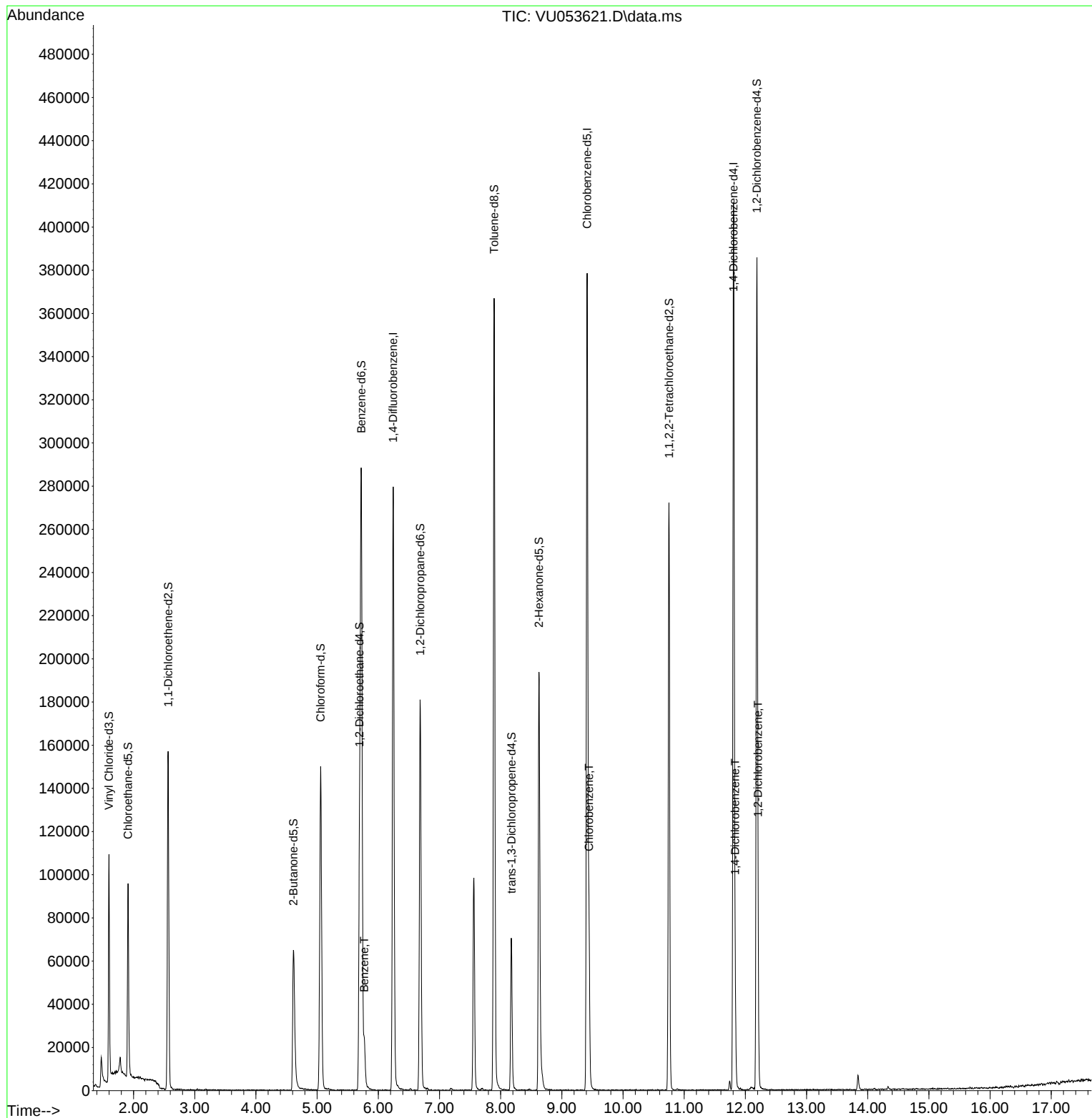
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	241896	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	220141	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	111888	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	75806	40.246	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.500%
7) Chloroethane-d5	1.909	69	66922	46.081	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.160%
11) 1,1-Dichloroethene-d2	2.565	63	91836	31.497	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.000%
21) 2-Butanone-d5	4.613	46	92330	108.268	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.270%
24) Chloroform-d	5.057	84	135516	43.504	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.694	65	87372	47.467	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.940%
32) Benzene-d6	5.723	84	278513	46.870	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.740%
36) 1,2-Dichloropropane-d6	6.684	67	88461	48.705	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.400%
41) Toluene-d8	7.893	98	254438	43.081	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.160%
43) trans-1,3-Dichloroprop...	8.176	79	42213	45.025	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.060%
47) 2-Hexanone-d5	8.626	63	70421	113.607	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.610%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	129534	50.601	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	103961	44.513	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.020%
Target Compounds						
					Qvalue	
33) Benzene	5.771	78	20277	3.535	ug/L	100
51) Chlorobenzene	9.443	112	42308	9.447	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	19934	5.658	ug/L	94
67) 1,2-Dichlorobenzene	12.208	146	11175	3.244	ug/L	96

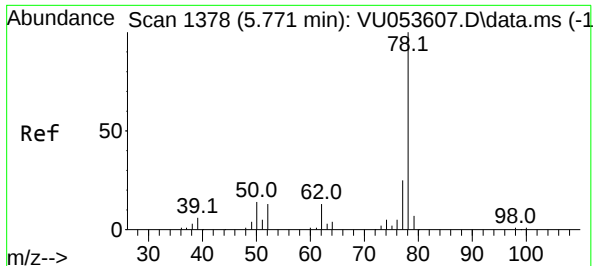
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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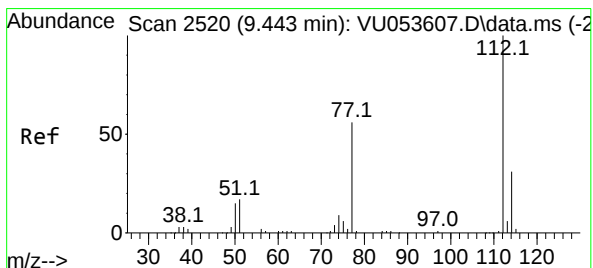
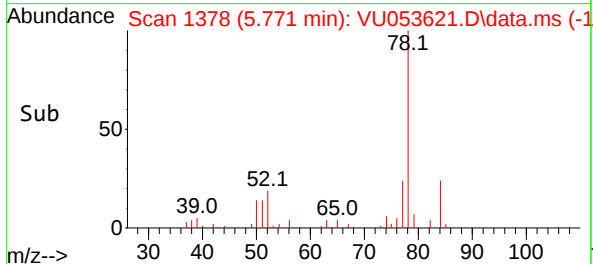
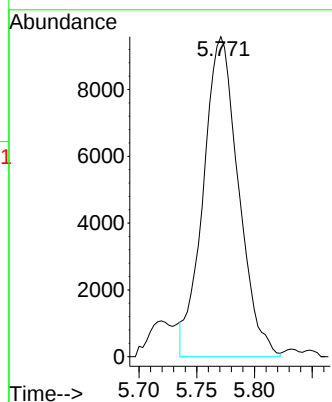
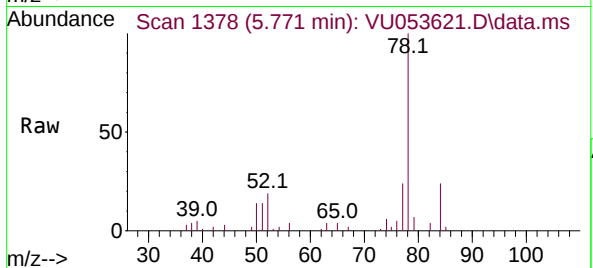




#33
Benzene
Concen: 3.535 ug/L
RT: 5.771 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU053621.D
Acq: 10 Apr 2023 18:25

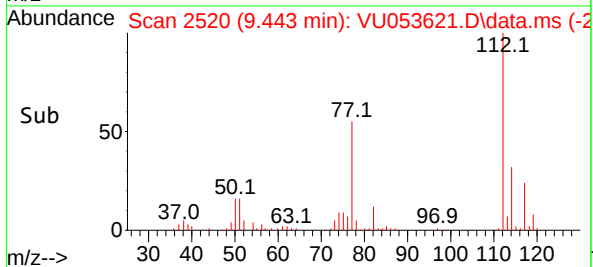
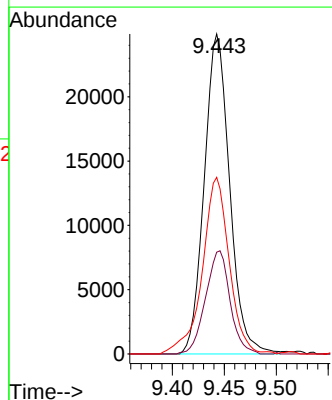
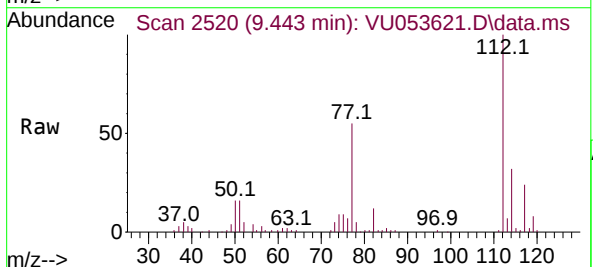
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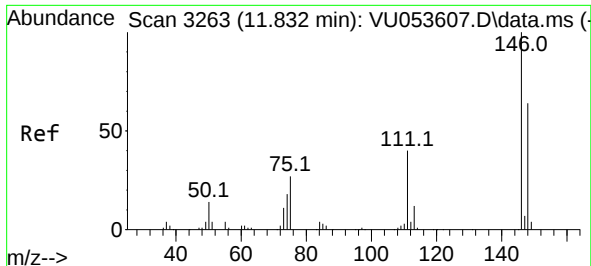
Tgt Ion: 78 Resp: 20277



#51
Chlorobenzene
Concen: 9.447 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU053621.D
Acq: 10 Apr 2023 18:25

Tgt Ion: 112 Resp: 42308
Ion Ratio Lower Upper
112 100
114 31.8 22.2 41.2
77 55.2 41.3 61.9

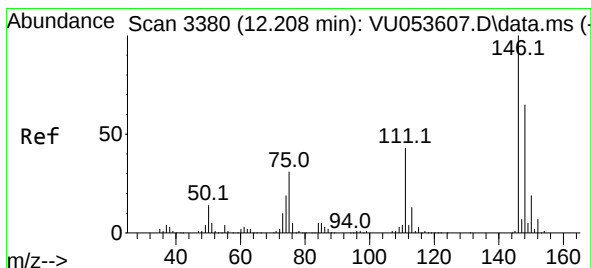
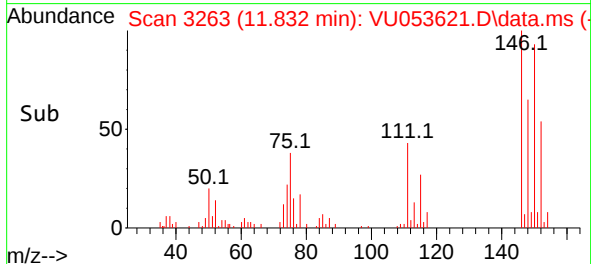
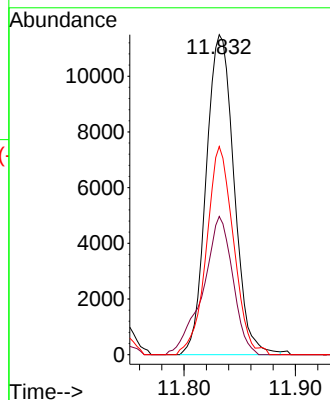
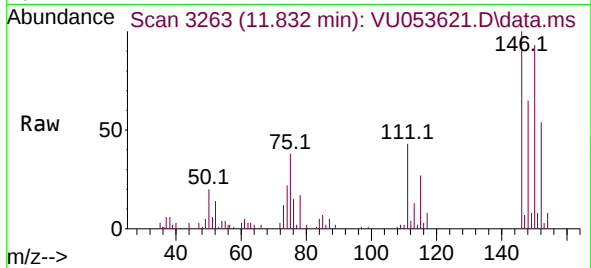




#65
1,4-Dichlorobenzene
Concen: 5.658 ug/L
RT: 11.832 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053621.D
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Instrument :
MSVOA_U
ClientSampleId :
COMD6

Tgt Ion:146 Resp: 19934
Ion Ratio Lower Upper
146 100
111 43.2 25.1 46.5
148 65.0 44.3 82.3



#67
1,2-Dichlorobenzene
Concen: 3.244 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU053621.D
Acq: 10 Apr 2023 18:25

Tgt Ion:146 Resp: 11175
Ion Ratio Lower Upper
146 100
111 39.8 31.5 47.3
148 68.7 51.6 77.4

