

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041123\
 Data File : VU053634.D
 Acq On : 11 Apr 2023 14:47
 Operator : JC/MD
 Sample : 02251-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMD6

Quant Time: Apr 12 02:24:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 12 02:22:37 2023
 Response via : Initial Calibration

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

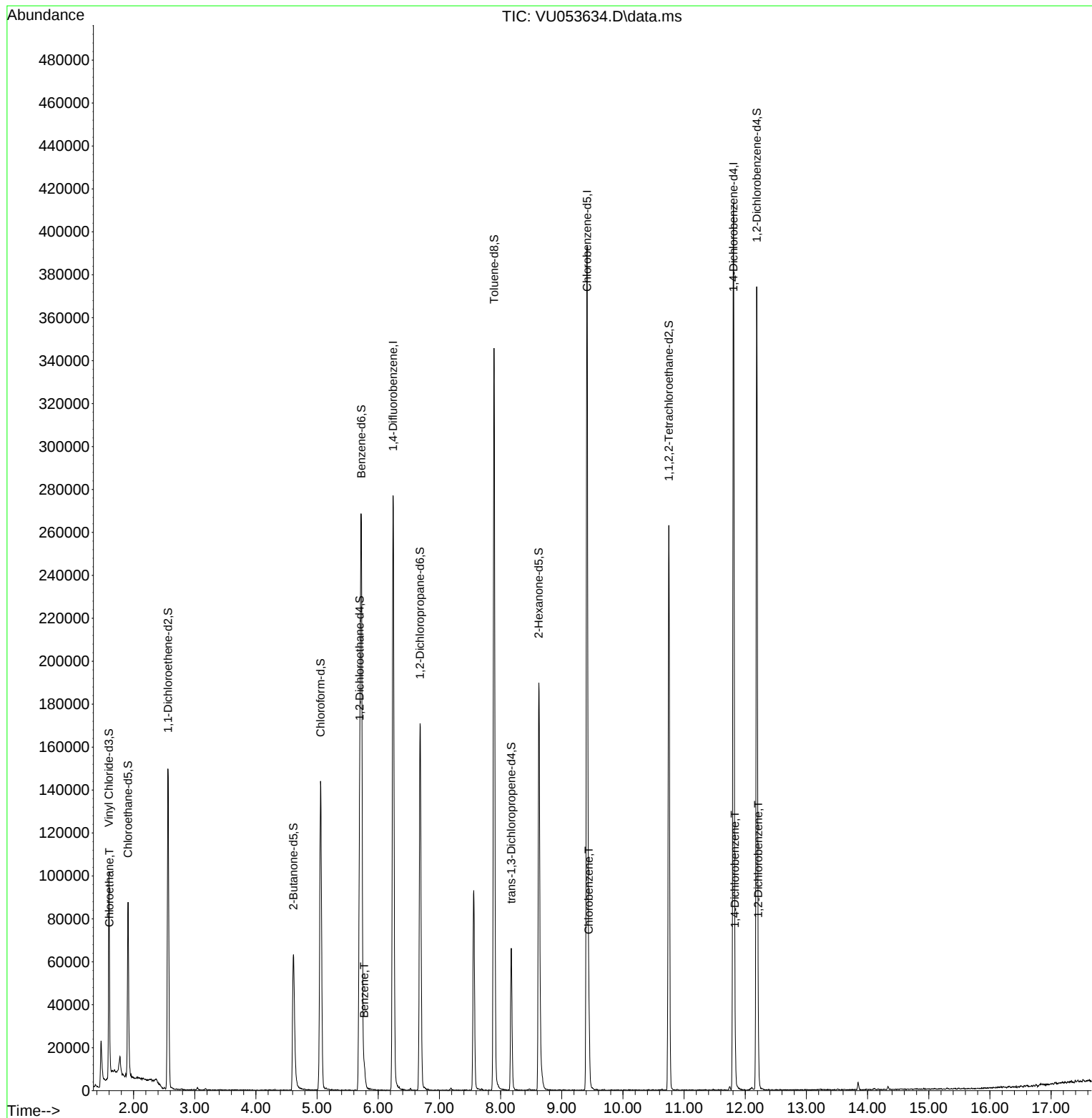
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	240824	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	226931	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	113512	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	69430	37.025	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.060%
7) Chloroethane-d5	1.909	69	62106	42.955	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.920%
11) 1,1-Dichloroethene-d2	2.565	63	85595	29.488	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.980%#
21) 2-Butanone-d5	4.613	46	90726	106.861	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.860%
24) Chloroform-d	5.057	84	129052	41.613	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.220%
26) 1,2-Dichloroethane-d4	5.697	65	84010	45.844	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.680%
32) Benzene-d6	5.722	84	263798	43.066	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.140%
36) 1,2-Dichloropropane-d6	6.684	67	84924	45.358	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.720%
41) Toluene-d8	7.893	98	239710	39.373	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.740%#
43) trans-1,3-Dichloroprop...	8.176	79	37815	39.127	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.260%
47) 2-Hexanone-d5	8.626	63	68237	106.789	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.790%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	126953	48.109	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.220%
66) 1,2-Dichlorobenzene-d4	12.188	152	99808	42.124	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.240%
Target Compounds						
					Qvalue	
8) Chloroethane	1.607	64	2639	2.357	ug/L	87
33) Benzene	5.771	78	8764	1.482	ug/L	100
51) Chlorobenzene	9.443	112	19601	4.246	ug/L #	88
65) 1,4-Dichlorobenzene	11.832	146	6649	1.860	ug/L	94
67) 1,2-Dichlorobenzene	12.211	146	4767	1.364	ug/L #	92

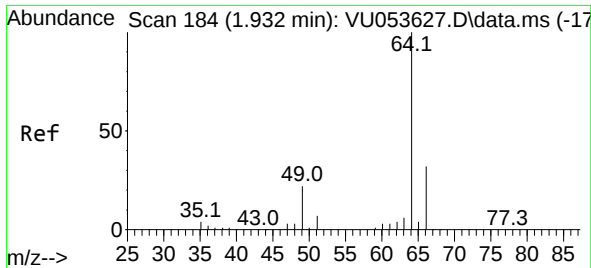
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 2.357 ug/L

RT: 1.607 min Scan# 81

Delta R.T. -0.325 min

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MSVOA_U

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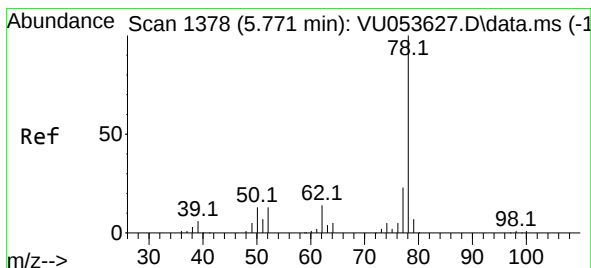
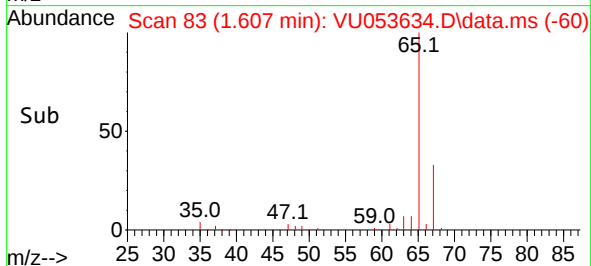
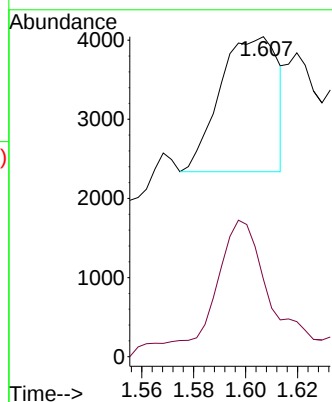
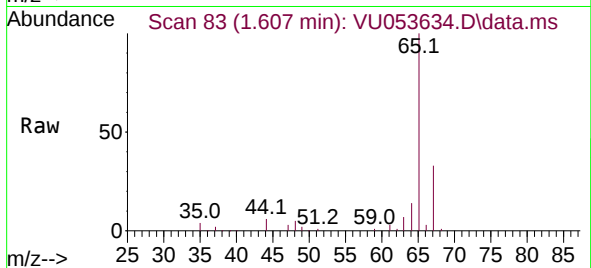
C0MD6

Tgt Ion: 64 Resp: 2639

Ion Ratio Lower Upper

64 100

66 24.2 21.8 40.6



#33

Benzene

Concen: 1.482 ug/L

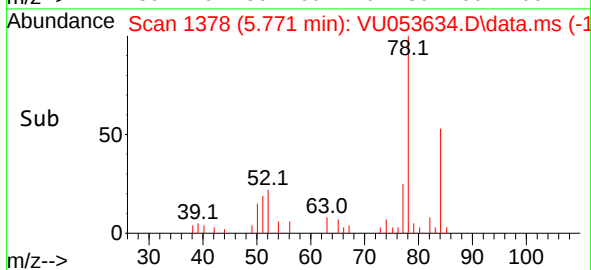
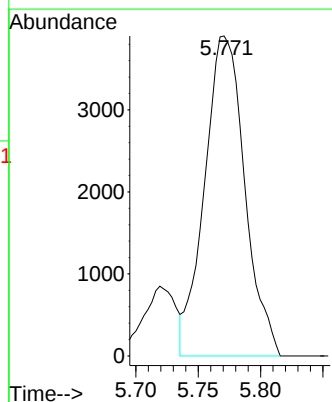
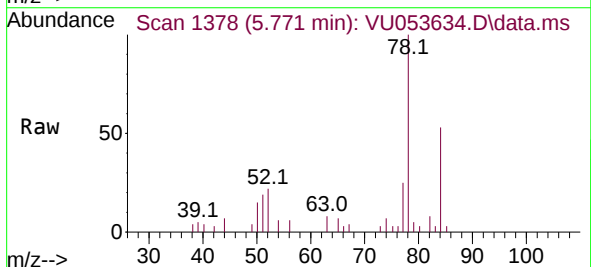
RT: 5.771 min Scan# 1378

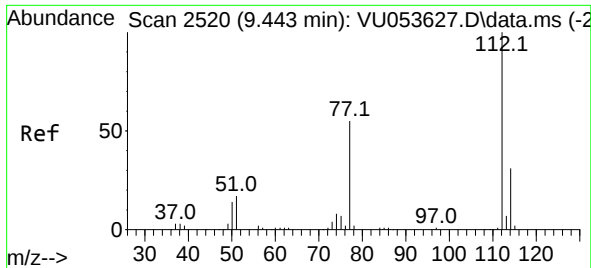
Delta R.T. -0.000 min

Lab File: VU053634.D

Acq: 11 Apr 2023 14:47

Tgt Ion: 78 Resp: 8764

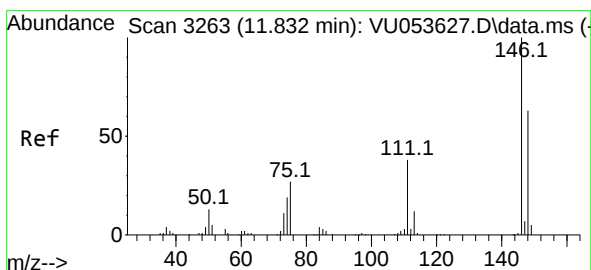
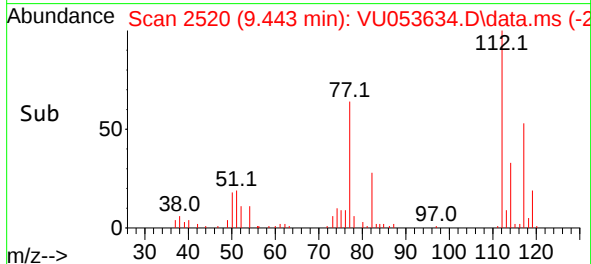
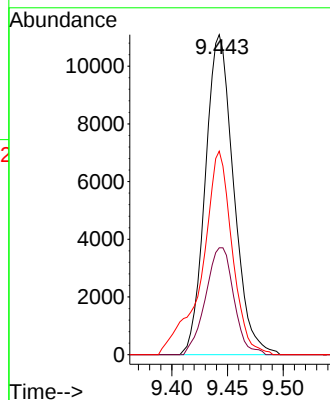
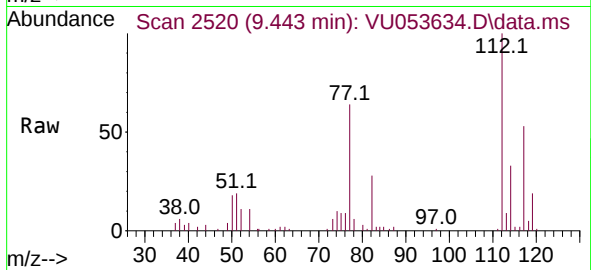




#51
Chlorobenzene
Concen: 4.246 ug/L
RT: 9.443 min Scan# 21
Delta R.T. -0.000 min
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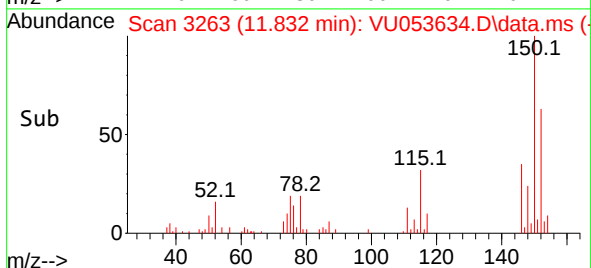
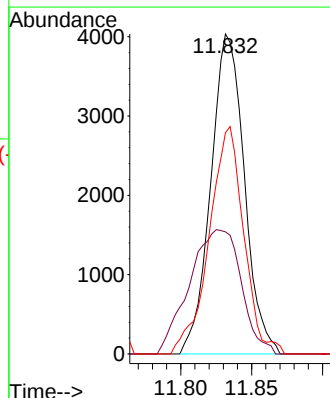
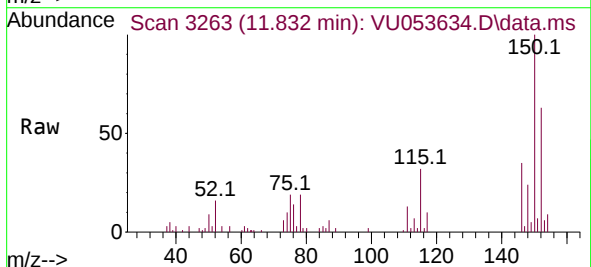
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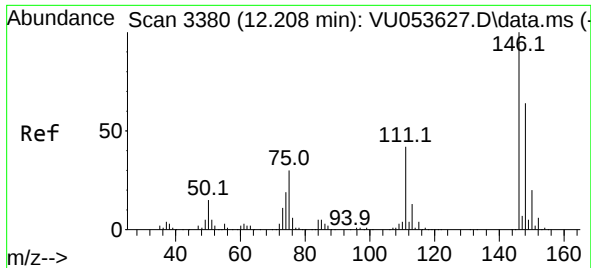
Tgt Ion:112 Resp: 19601
Ion Ratio Lower Upper
112 100
114 33.4 22.2 41.2
77 63.6 41.3 61.9#



#65
1,4-Dichlorobenzene
Concen: 1.860 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU053634.D
Acq: 11 Apr 2023 14:47

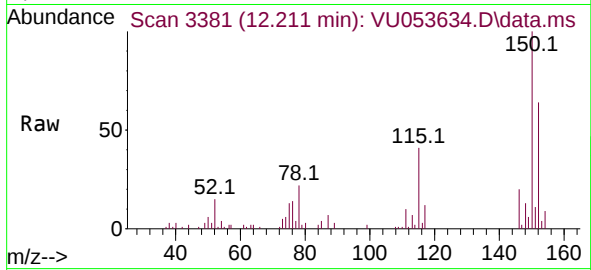
Tgt Ion:146 Resp: 6649
Ion Ratio Lower Upper
146 100
111 38.2 25.1 46.5
148 69.1 44.3 82.3





#67
 1,2-Dichlorobenzene
 Concen: 1.364 ug/L
 RT: 12.211 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU053634.D
 Acq: 11 Apr 2023 14:47

Instrument :
 MSVOA_U
 ClientSampleId :
 C0MD6



Tgt Ion:	146	Resp:	4767
Ion	Ratio	Lower	Upper
146	100		
111	48.4	31.5	47.3#
148	67.7	51.6	77.4

