

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041123\
 Data File : VU053649.D
 Acq On : 11 Apr 2023 20:44
 Operator : JC/MD
 Sample : 02252-09 200X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COME5

Quant Time: Apr 12 02:28:04 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)

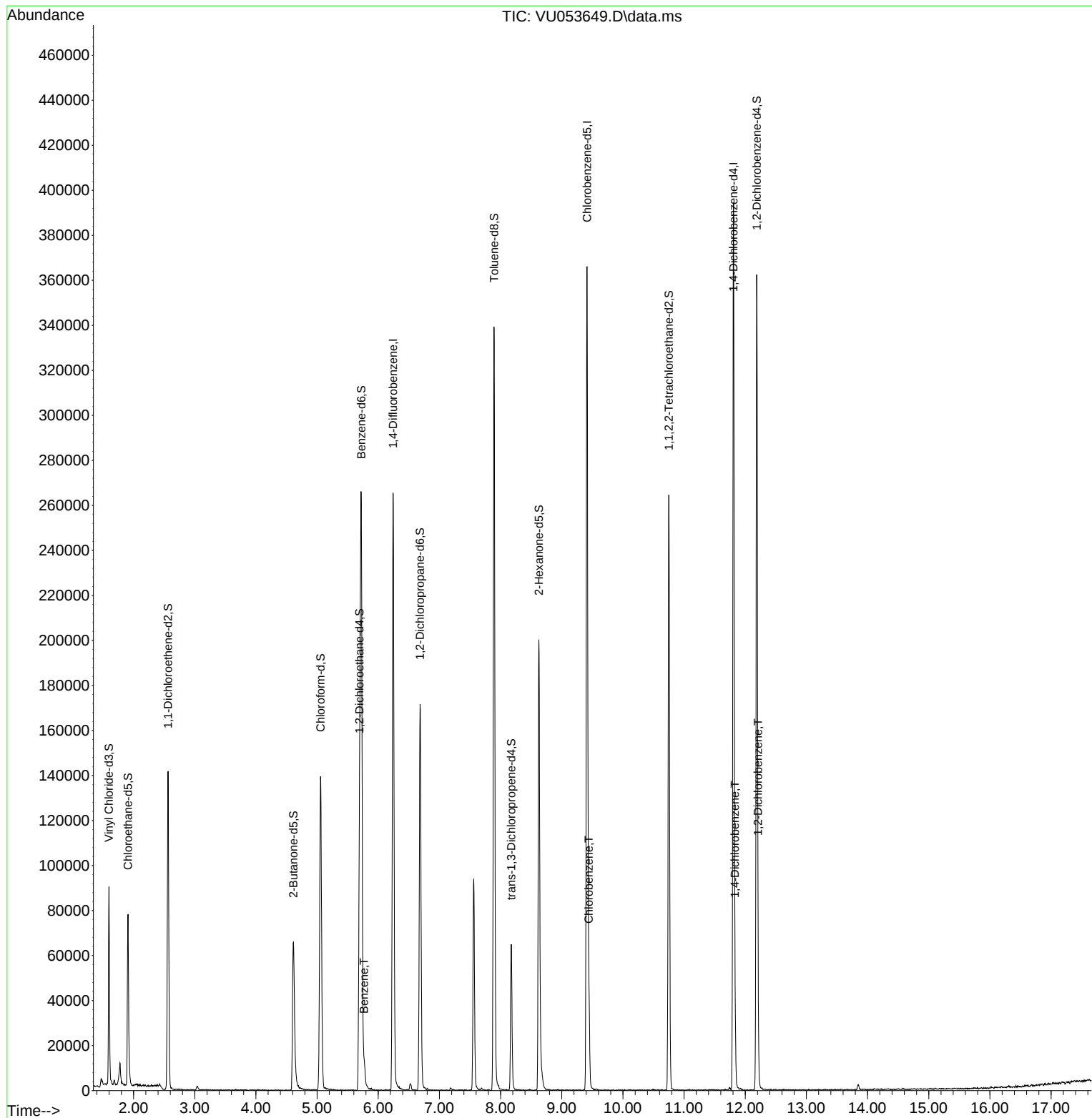
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	228694	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	214920	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	106675	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	63957	35.916	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.840%
7) Chloroethane-d5	1.909	69	60967	44.404	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.562	63	81823	29.683	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.360%#
21) 2-Butanone-d5	4.613	46	95497	118.446	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.450%
24) Chloroform-d	5.057	84	128865	43.757	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.520%
26) 1,2-Dichloroethane-d4	5.693	65	83835	48.175	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.340%
32) Benzene-d6	5.722	84	258658	44.586	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.180%
36) 1,2-Dichloropropane-d6	6.684	67	83524	47.104	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.200%
41) Toluene-d8	7.893	98	236066	40.941	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.880%
43) trans-1,3-Dichloroprop...	8.176	79	38066	41.588	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.180%
47) 2-Hexanone-d5	8.626	63	70933	117.212	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.210%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	128783	51.529	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.060%
66) 1,2-Dichlorobenzene-d4	12.188	152	96338	43.265	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.540%
Target Compounds						
					Qvalue	
33) Benzene	5.767	78	10074	1.799	ug/L	100
51) Chlorobenzene	9.443	112	21120	4.830	ug/L #	90
65) 1,4-Dichlorobenzene	11.832	146	11669	3.474	ug/L	93
67) 1,2-Dichlorobenzene	12.208	146	6018	1.832	ug/L #	86

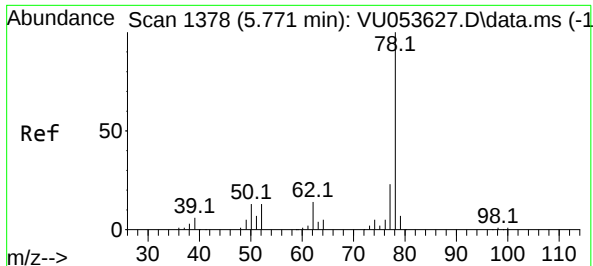
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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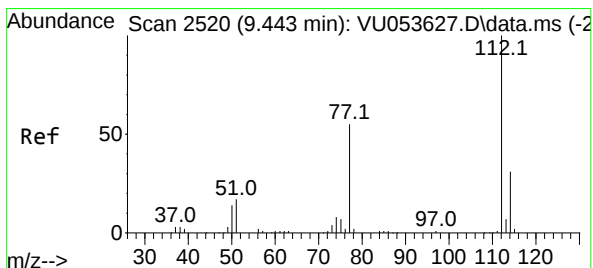
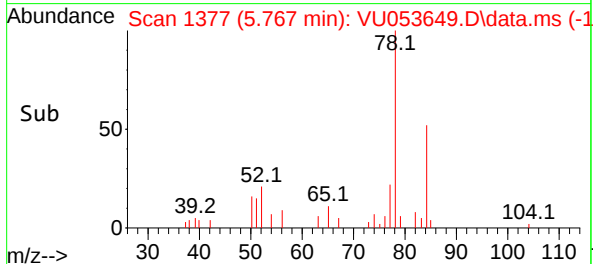
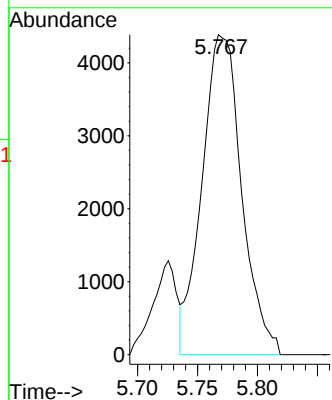
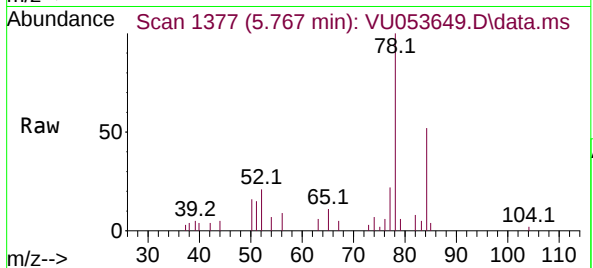




#33
Benzene
Concen: 1.799 ug/L
RT: 5.767 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU053649.D
Acq: 11 Apr 2023 20:44

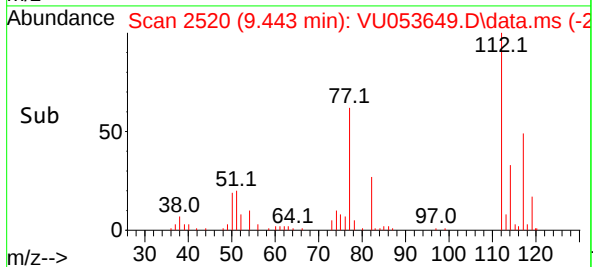
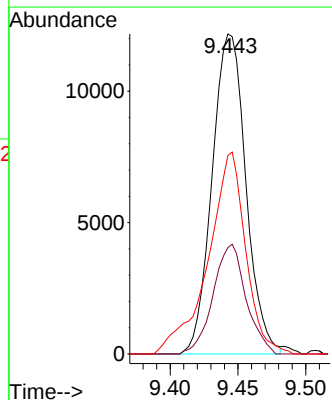
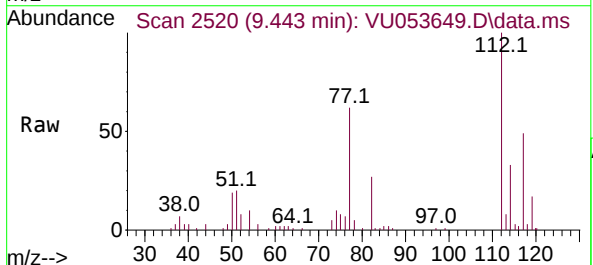
Instrument :
MSVOA_U
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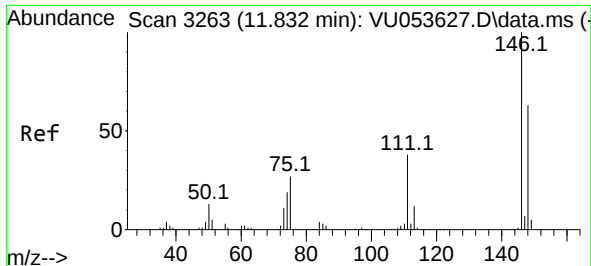
Tgt Ion: 78 Resp: 10074



#51
Chlorobenzene
Concen: 4.830 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU053649.D
Acq: 11 Apr 2023 20:44

Tgt Ion: 112 Resp: 21120
Ion Ratio Lower Upper
112 100
114 33.3 22.2 41.2
77 62.0 41.3 61.9#

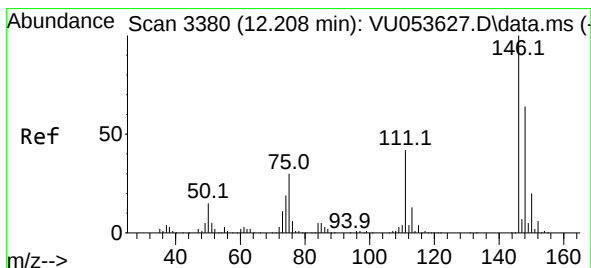
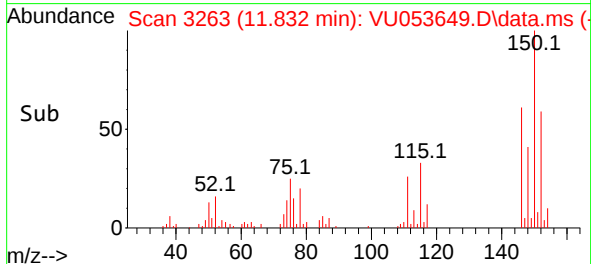
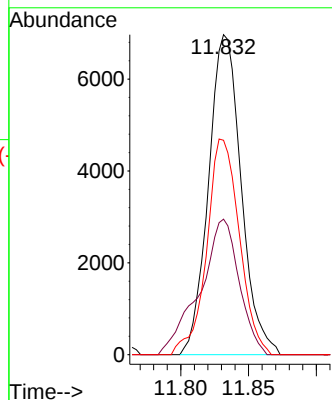
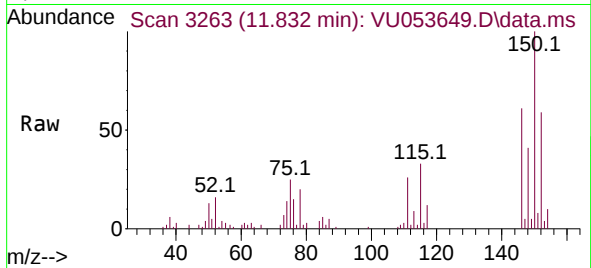




#65
1,4-Dichlorobenzene
Concen: 3.474 ug/L
RT: 11.832 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053649.D
Acq: 11 Apr 2023 20:44

Instrument :
MSVOA_U
ClientSampleId :
COME5

Tgt Ion:146 Resp: 11669
Ion Ratio Lower Upper
146 100
111 42.4 25.1 46.5
148 67.0 44.3 82.3



#67
1,2-Dichlorobenzene
Concen: 1.832 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU053649.D
Acq: 11 Apr 2023 20:44

Tgt Ion:146 Resp: 6018
Ion Ratio Lower Upper
146 100
111 47.5 31.5 47.3#
148 75.4 51.6 77.4

