

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102623\
 Data File : VU055901.D
 Acq On : 26 Oct 2023 13:06
 Operator : MD/SY
 Sample : 04952-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EOAR0

Quant Time: Oct 27 02:51:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 27 02:48:43 2023
 Response via : Initial Calibration

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

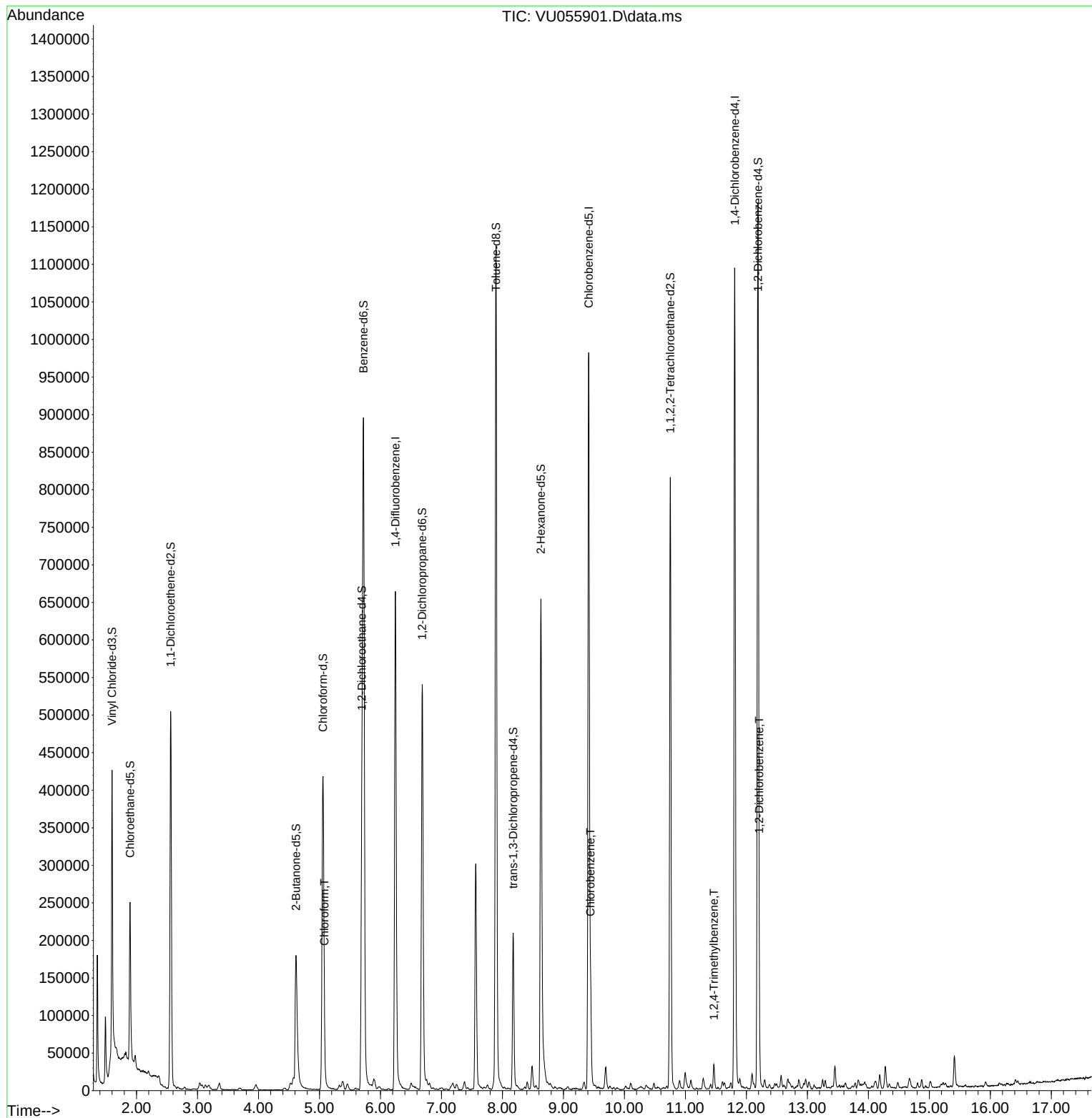
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	558175	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	562115	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	292203	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	225253	44.991	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.980%		
7) Chloroethane-d5	1.895	69	185365	45.294	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.580%		
11) 1,1-Dichloroethene-d2	2.560	63	305822	34.258	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.520%		
21) 2-Butanone-d5	4.615	46	270815	73.000	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	73.000%		
24) Chloroform-d	5.058	84	404501	42.144	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.280%		
26) 1,2-Dichloroethane-d4	5.695	65	260479	44.091	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.180%		
32) Benzene-d6	5.721	84	862653	47.965	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.920%		
36) 1,2-Dichloropropane-d6	6.685	67	273155	47.975	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.940%		
41) Toluene-d8	7.894	98	765384	47.130	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.260%		
43) trans-1,3-Dichloroprop...	8.177	79	122233	44.691	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.380%		
47) 2-Hexanone-d5	8.631	63	240348	107.377	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.380%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	417059	47.588	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.180%		
66) 1,2-Dichlorobenzene-d4	12.190	152	313417	54.050	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	108.100%		
Target Compounds						Qvalue
25) Chloroform	5.081	83	8749	1.009	ug/L	91
51) Chlorobenzene	9.444	112	67620	5.574	ug/L	92
63) 1,2,4-Trimethylbenzene	11.467	105	18276	1.254	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	9126	1.021	ug/L #	88

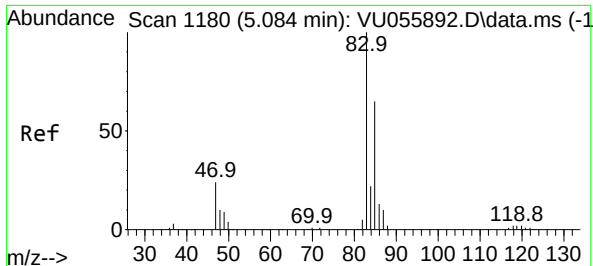
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 1.009 ug/L

RT: 5.081 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU055901.D

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Instrument :

MSVOA_U

ClientSampleId :

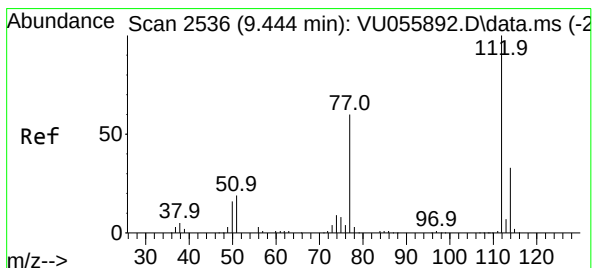
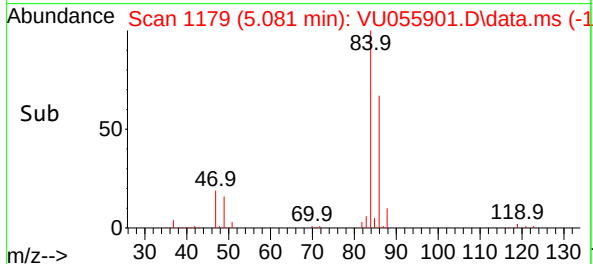
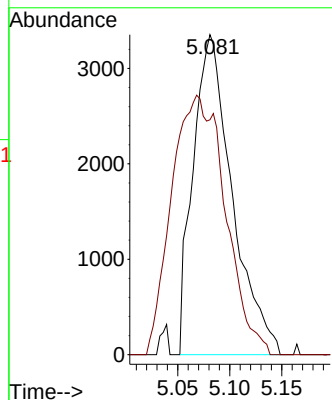
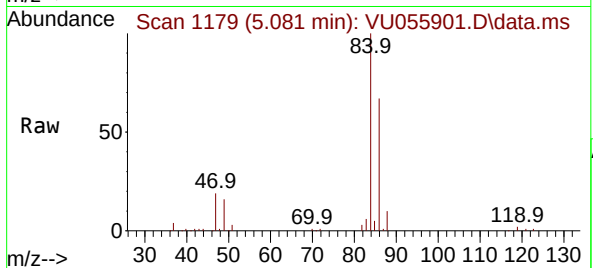
EOAR0

Tgt Ion: 83 Resp: 8749

Ion Ratio Lower Upper

83 100

85 73.4 46.3 86.1



#51

Chlorobenzene

Concen: 5.574 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. -0.000 min

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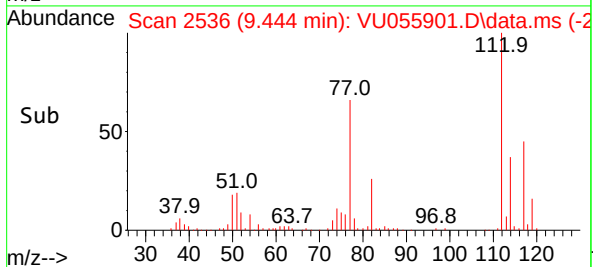
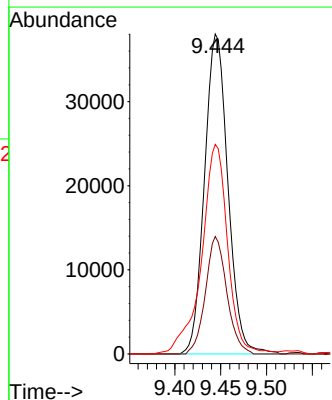
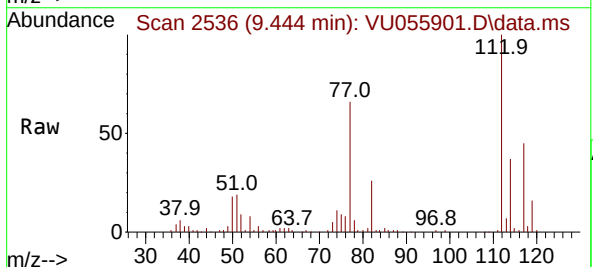
Tgt Ion: 112 Resp: 67620

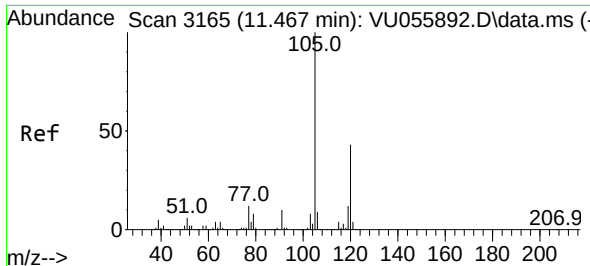
Ion Ratio Lower Upper

112 100

114 39.1 22.0 40.8

77 65.5 49.0 73.6

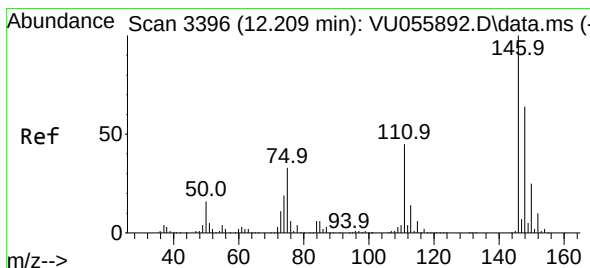
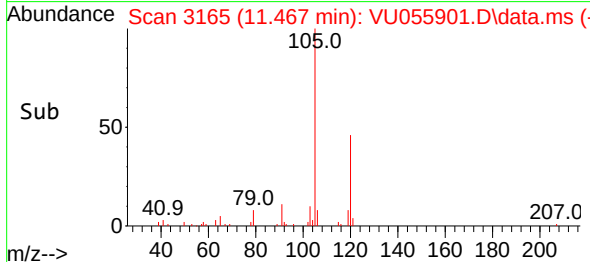
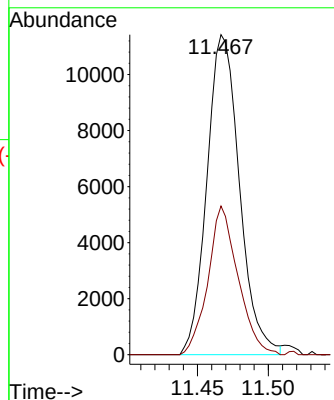
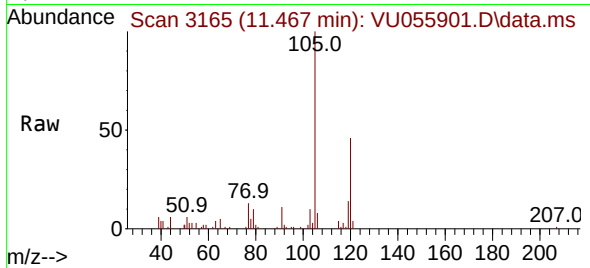




#63
1,2,4-Trimethylbenzene
Concen: 1.254 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. -0.000 min
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EOAR0

Tgt Ion:105 Resp: 18276
Ion Ratio Lower Upper
105 100
120 42.8 35.0 52.4



#67
1,2-Dichlorobenzene
Concen: 1.021 ug/L
RT: 12.209 min Scan# 3396
Delta R.T. -0.000 min
Lab File: VU055901.D
Acq: 26 Oct 2023 13:06

Tgt Ion:146 Resp: 9126
Ion Ratio Lower Upper
146 100
111 52.9 35.2 52.8#
148 74.0 52.3 78.5

