

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092723\
 Data File : VU055553.D
 Acq On : 27 Sep 2023 15:58
 Operator : MD/SY
 Sample : 04530-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYHZ7

Quant Time: Sep 27 23:35:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 23:33:30 2023
 Response via : Initial Calibration

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

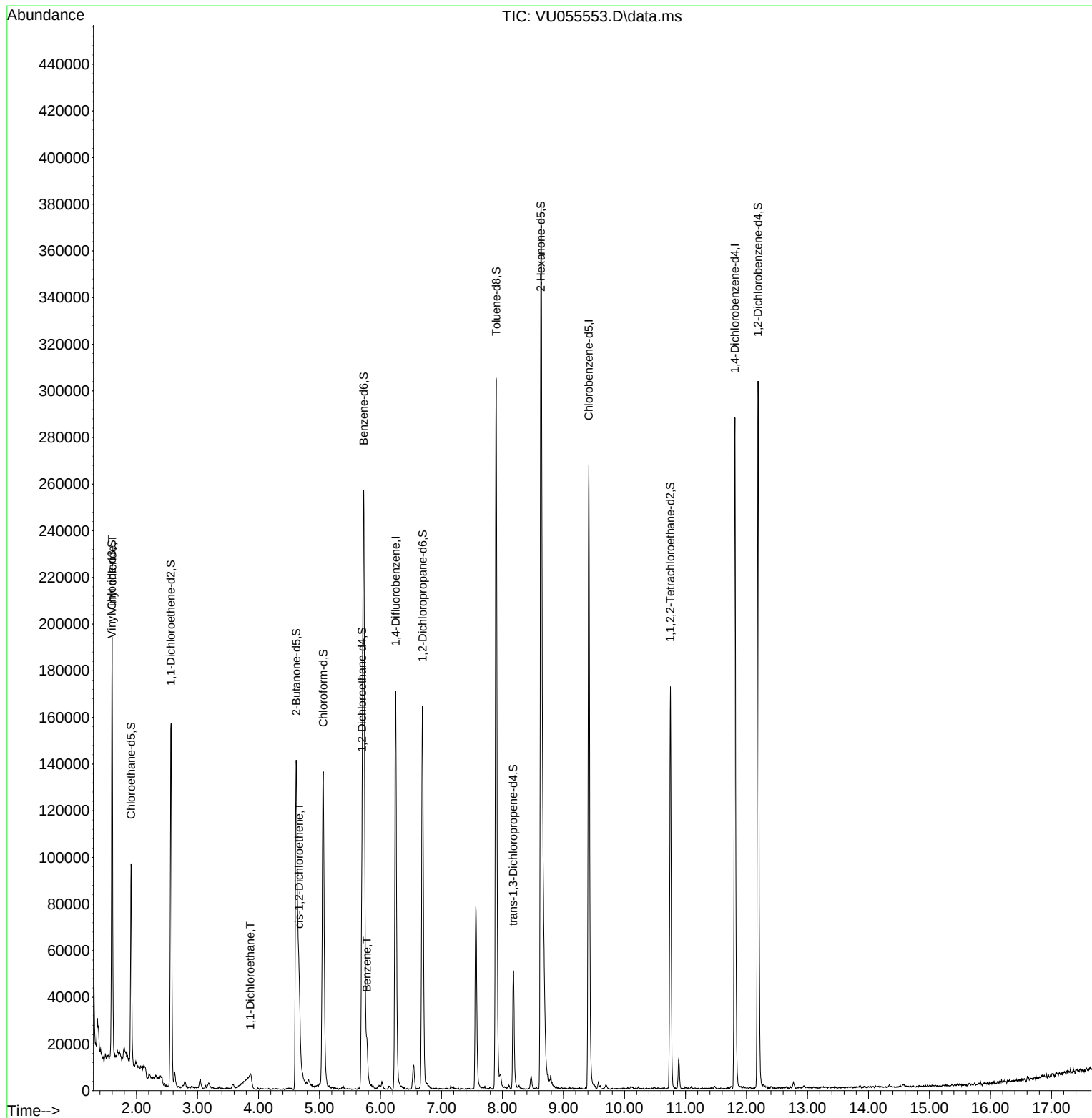
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	145695	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	153922	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	76670	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	74128	5.034	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.600%		
7) Chloroethane-d5	1.911	69	58842	4.534	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 90.600%		
11) 1,1-Dichloroethene-d2	2.563	65	29203	4.818	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 96.400%		
20) 2-Butanone-d5	4.618	46	218396	82.112	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	= 164.220%#		
24) Chloroform-d	5.062	84	128788	4.835	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 96.800%		
26) 1,2-Dichloroethane-d4	5.698	65	73223	5.715	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 114.400%		
32) Benzene-d6	5.724	84	251973	4.680	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 93.600%		
36) 1,2-Dichloropropane-d6	6.689	67	81145	5.044	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 100.800%		
41) Toluene-d8	7.898	98	213652	4.354	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 87.000%		
43) trans-1,3-Dichloroprop...	8.177	79	31026	5.496	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 110.000%		
46) 2-Hexanone-d5	8.631	63	116700	67.964	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 135.920%#		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	84563	7.014	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 140.200%#		
66) 1,2-Dichlorobenzene-d4	12.190	152	82211	5.313	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 106.200%		
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	59253	4.401	ug/L	97
19) 1,1-Dichloroethane	3.866	63	1769	0.093	ug/L #	92
22) cis-1,2-Dichloroethene	4.666	96	16303	1.370	ug/L	97
33) Benzene	5.775	78	16376	0.370	ug/L	100

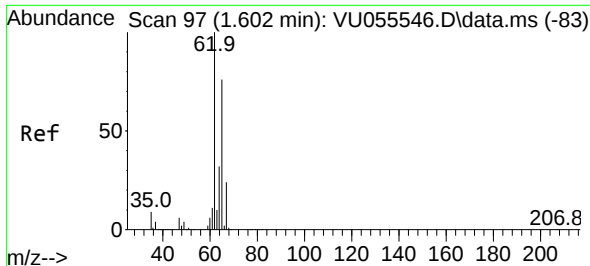
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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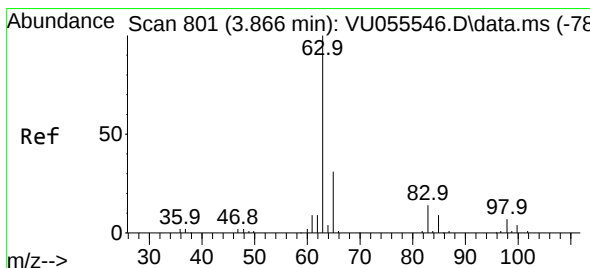
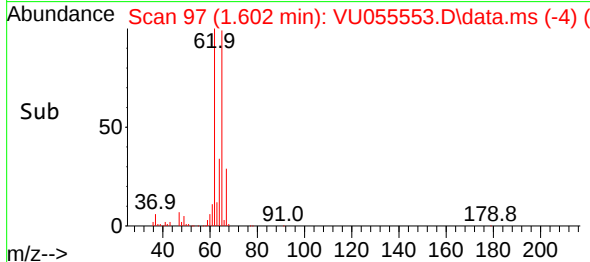
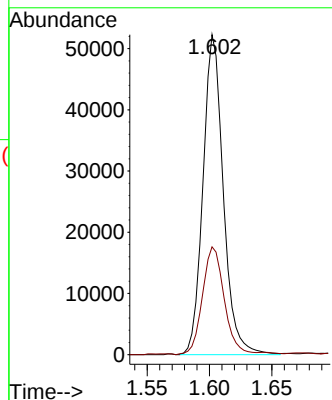
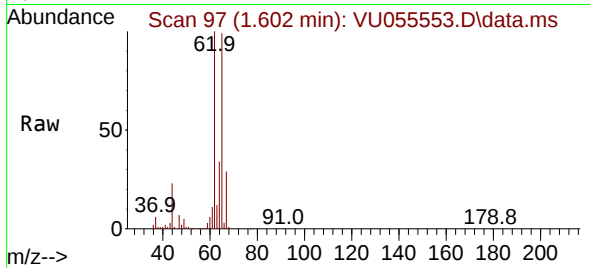




#5
 Vinyl chloride
 Concen: 4.401 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055553.D
 Acq: 27 Sep 2023 15:58

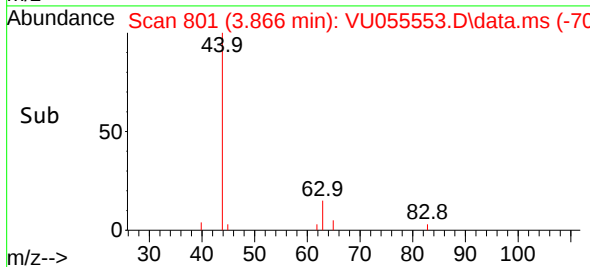
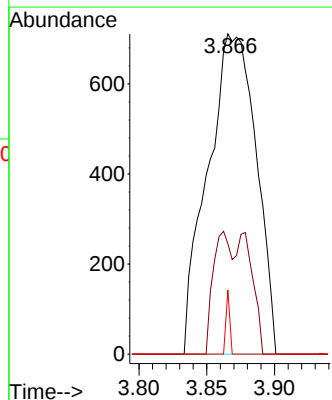
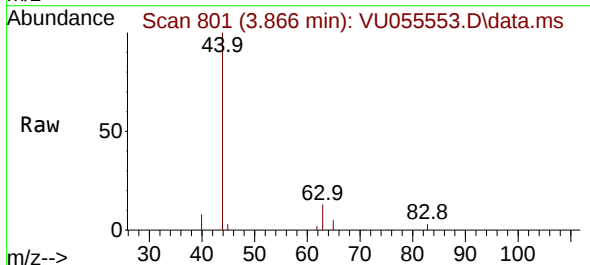
Instrument :
 MSVOA_U
 ClientSampleId :
 EYHZ7

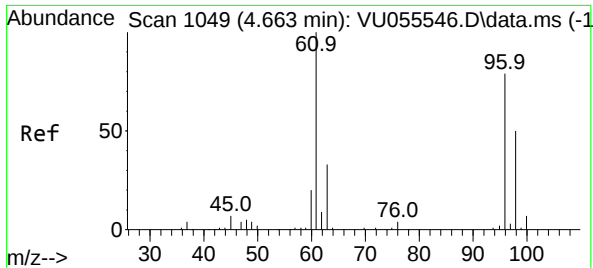
Tgt Ion: 62 Resp: 59253
 Ion Ratio Lower Upper
 62 100
 64 33.7 22.3 41.5



#19
 1,1-Dichloroethane
 Concen: 0.093 ug/L
 RT: 3.866 min Scan# 801
 Delta R.T. -0.000 min
 Lab File: VU055553.D
 Acq: 27 Sep 2023 15:58

Tgt Ion: 63 Resp: 1769
 Ion Ratio Lower Upper
 63 100
 65 34.5 22.0 41.0
 83 20.0 10.1 18.9#





#22

cis-1,2-Dichloroethene

Concen: 1.370 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.003 min

Lab File: VU055553.D

Acq: 27 Sep 2023 15:58

Instrument :

MSVOA_U

ClientSampleId :

EYHZ7

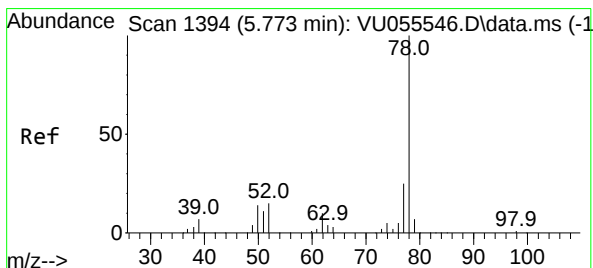
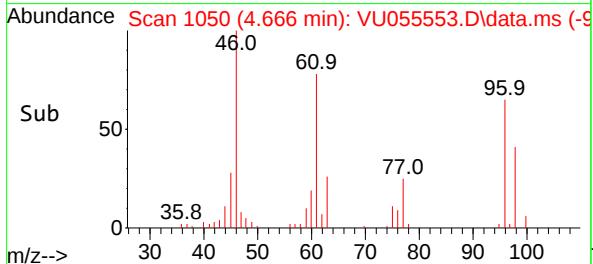
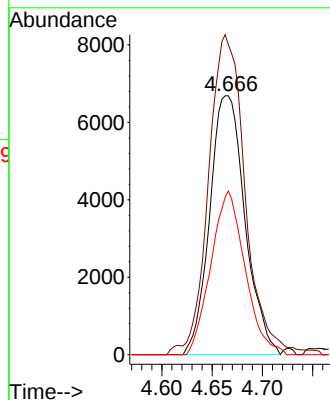
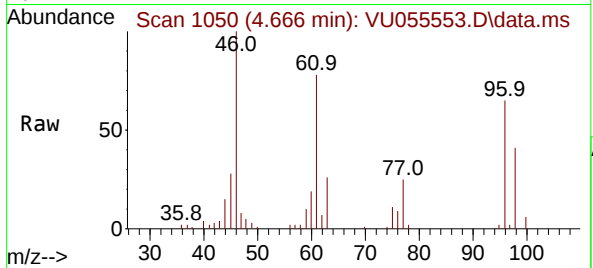
Tgt Ion: 96 Resp: 16303

Ion Ratio Lower Upper

96 100

61 119.8 87.8 163.2

98 63.2 44.4 82.4



#33

Benzene

Concen: 0.370 ug/L

RT: 5.775 min Scan# 1395

Delta R.T. 0.003 min

Lab File: VU055553.D

Acq: 27 Sep 2023 15:58

Tgt Ion: 78 Resp: 16376

