

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102623\
 Data File : VU055898.D
 Acq On : 26 Oct 2023 11:54
 Operator : MD/SY
 Sample : 04946-02DL 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY1B6DL

Quant Time: Oct 27 02:50:28 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)

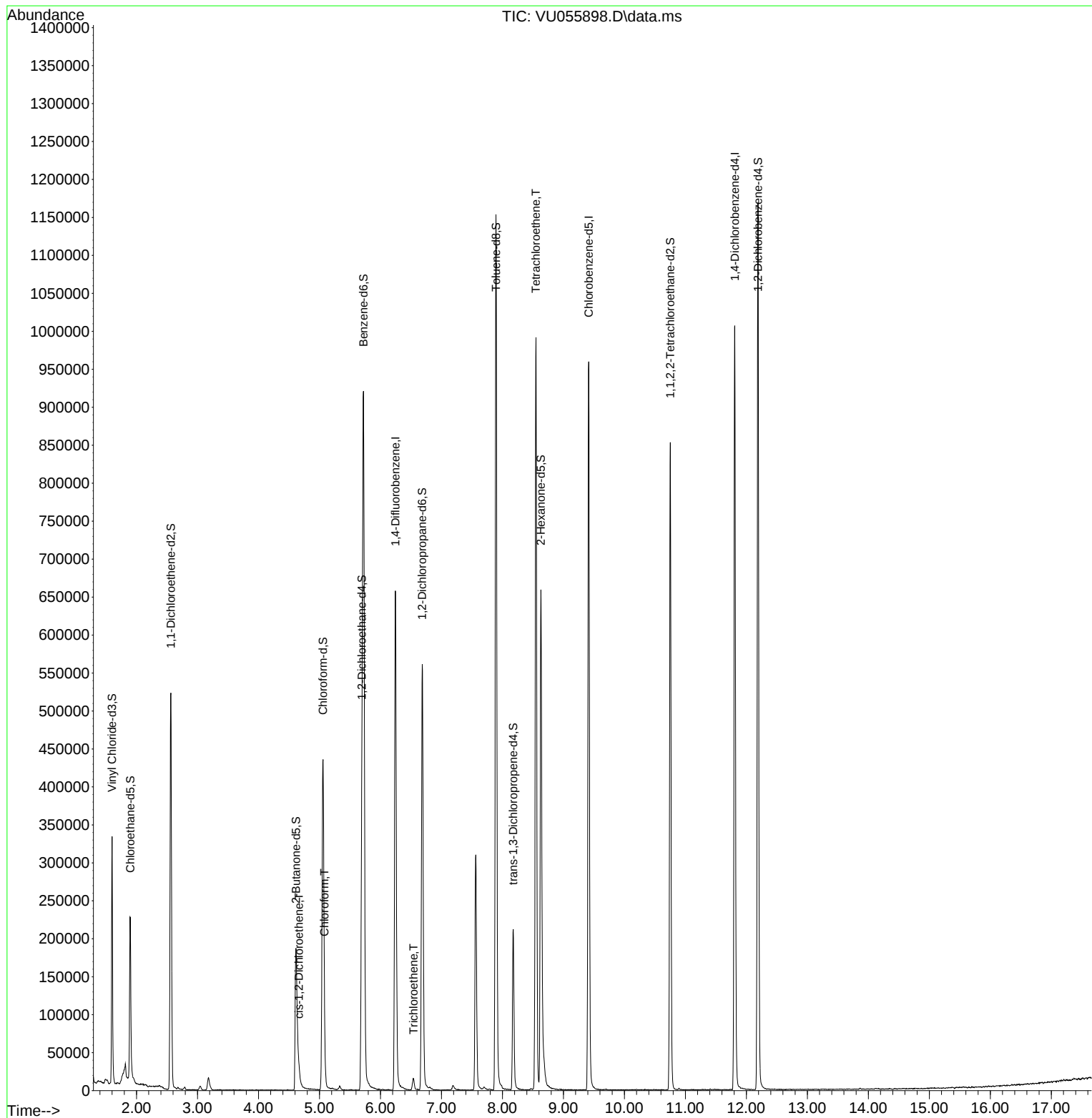
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	553017	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	544965	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	276511	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	231646	46.699	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.400%		
7) Chloroethane-d5	1.898	69	188308	46.442	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.880%		
11) 1,1-Dichloroethene-d2	2.563	63	319508	36.125	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.240%		
21) 2-Butanone-d5	4.615	46	287541	78.231	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	78.230%		
24) Chloroform-d	5.058	84	420074	44.175	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.340%		
26) 1,2-Dichloroethane-d4	5.695	65	271603	46.402	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.800%		
32) Benzene-d6	5.721	84	897543	51.475	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.960%		
36) 1,2-Dichloropropane-d6	6.685	67	280023	50.729	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.460%		
41) Toluene-d8	7.894	98	789626	50.152	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.300%		
43) trans-1,3-Dichloroprop...	8.177	79	124883	47.097	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.200%		
47) 2-Hexanone-d5	8.631	63	241808	111.429	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	111.430%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	423153	49.802	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.600%		
66) 1,2-Dichlorobenzene-d4	12.190	152	307295	56.002	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	112.000%		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.663	96	6727	1.470	ug/L	80
25) Chloroform	5.081	83	14225	1.656	ug/L	89
34) Trichloroethene	6.544	95	4650	0.987	ug/L	92
46) Tetrachloroethene	8.550	164	221543	65.647	ug/L	98

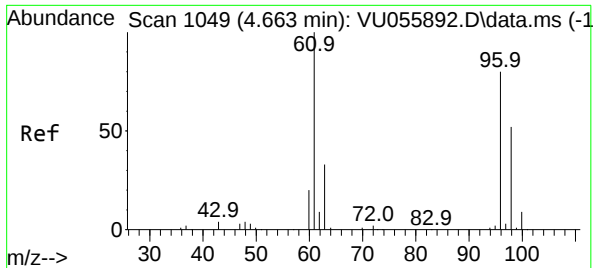
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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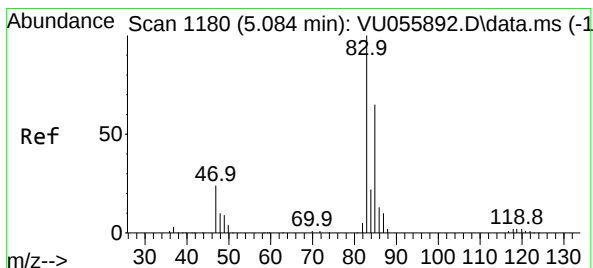
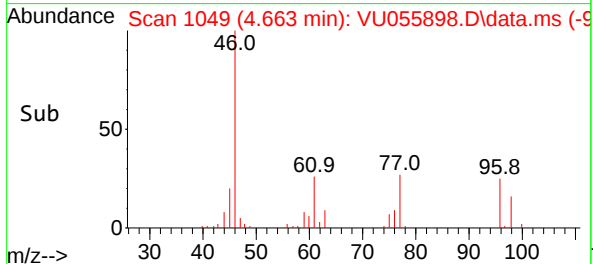
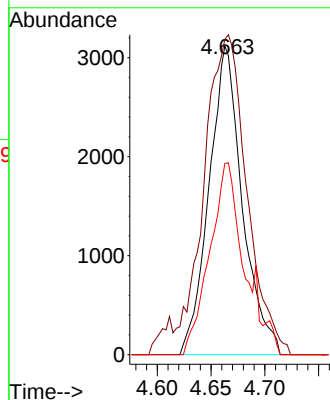
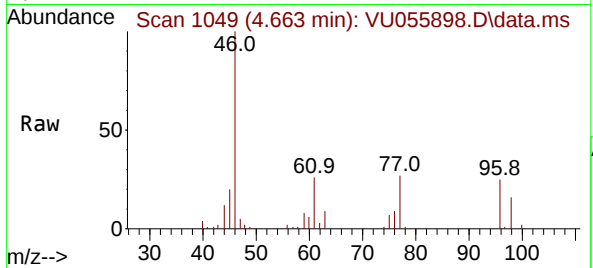




#20
cis-1,2-Dichloroethene
Concen: 1.470 ug/L
RT: 4.663 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VU055898.D
Acq: 26 Oct 2023 11:54

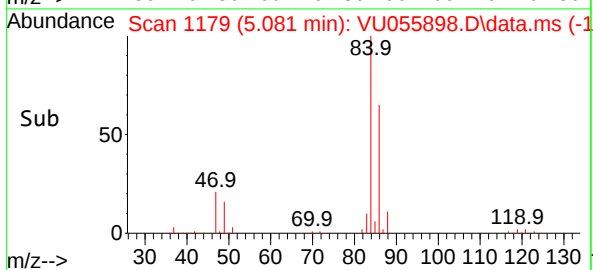
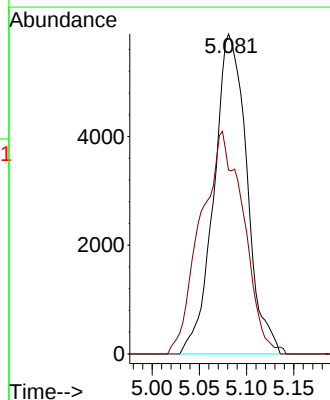
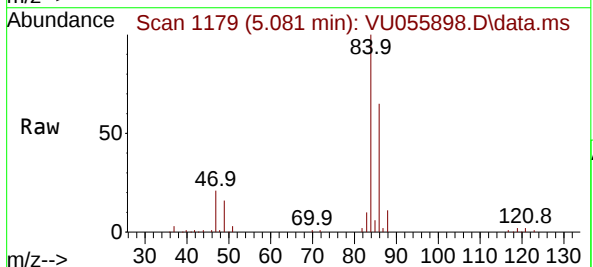
Instrument :
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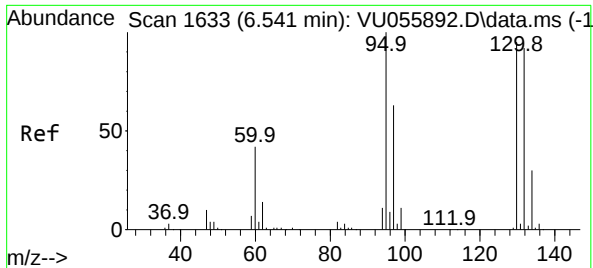
Tgt Ion: 96 Resp: 6727
Ion Ratio Lower Upper
96 100
61 98.6 92.3 171.5
98 59.8 43.9 81.5



#25
Chloroform
Concen: 1.656 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VU055898.D
Acq: 26 Oct 2023 11:54

Tgt Ion: 83 Resp: 14225
Ion Ratio Lower Upper
83 100
85 57.5 46.3 86.1



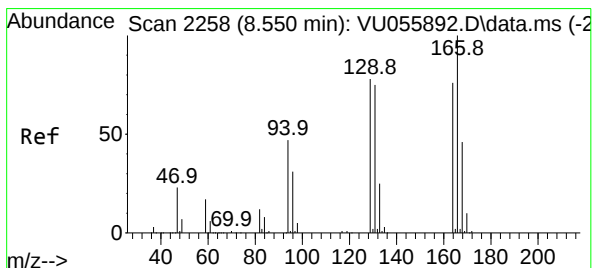
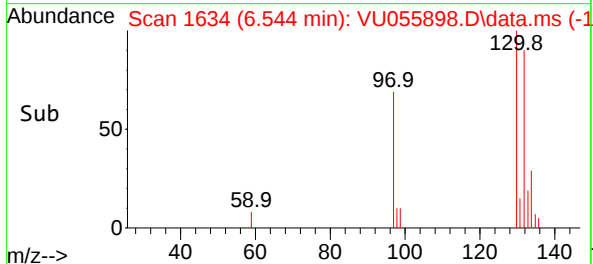
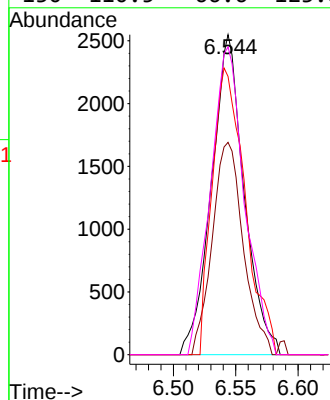
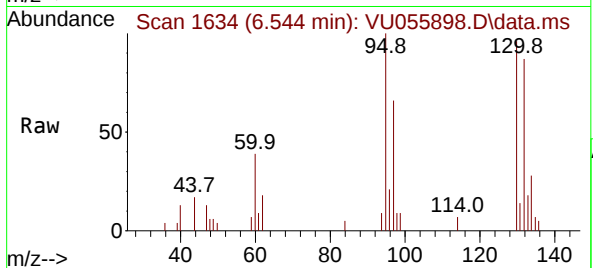


#34
Trichloroethene
Concen: 0.987 ug/L
RT: 6.544 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU055898.D
Acq: 26 Oct 2023 11:54

Instrument :
MSVOA_U
ClientSampleId :
EY1B6DL

Tgt Ion: 95 Resp: 4650

Ion	Ratio	Lower	Upper
95	100		
97	66.3	44.4	82.5
132	86.9	61.8	114.8
130	110.5	66.6	123.8



#46
Tetrachloroethene
Concen: 65.647 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU055898.D
Acq: 26 Oct 2023 11:54

Tgt Ion: 164 Resp: 221543

Ion	Ratio	Lower	Upper
164	100		
129	101.3	70.7	131.3
131	96.7	65.9	122.5
166	127.5	87.8	163.0

