

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102623\
 Data File : VU055899.D
 Acq On : 26 Oct 2023 12:18
 Operator : MD/SY
 Sample : 04946-04DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY1B8DL

Quant Time: Oct 27 02:50:40 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)

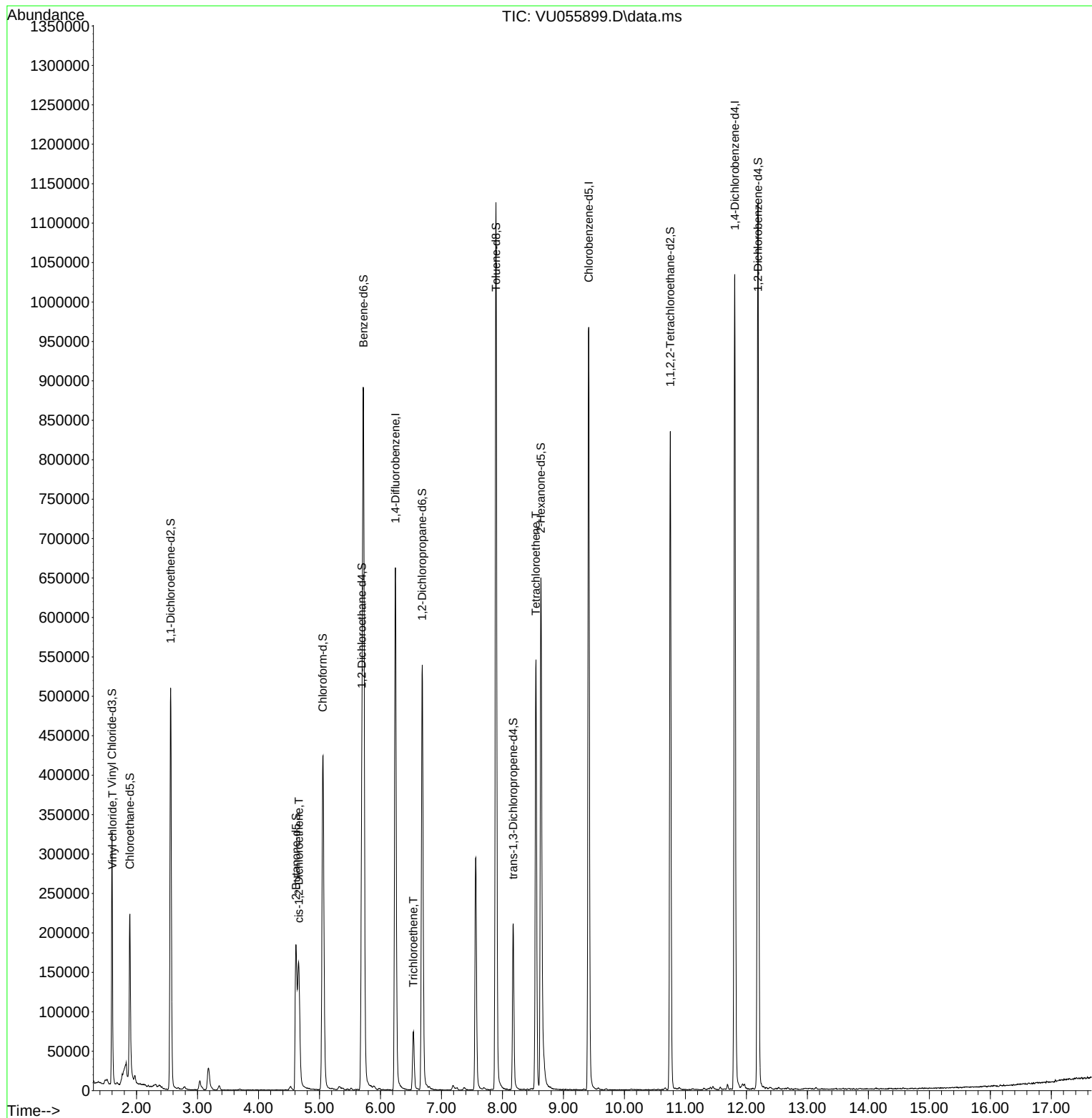
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	560563	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	552931	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	282191	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	226325	45.012	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.020%		
7) Chloroethane-d5	1.891	69	186028	45.262	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.520%		
11) 1,1-Dichloroethene-d2	2.560	63	305029	34.023	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.040%		
21) 2-Butanone-d5	4.615	46	275786	74.023	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	74.020%		
24) Chloroform-d	5.055	84	408963	42.427	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.860%		
26) 1,2-Dichloroethane-d4	5.695	65	263678	44.442	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.880%		
32) Benzene-d6	5.721	84	862609	48.759	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.520%		
36) 1,2-Dichloropropane-d6	6.685	67	267499	47.762	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.520%		
41) Toluene-d8	7.894	98	757418	47.414	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.820%		
43) trans-1,3-Dichloroprop...	8.177	79	123603	45.942	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.880%		
47) 2-Hexanone-d5	8.631	63	243913	110.780	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	110.780%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	421961	48.947	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.900%		
66) 1,2-Dichlorobenzene-d4	12.190	152	308580	55.104	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	110.200%		
Target Compounds						Qvalue
5) Vinyl chloride	1.605	62	7603	1.564	ug/L #	50
20) cis-1,2-Dichloroethene	4.663	96	75839	16.352	ug/L	98
34) Trichloroethene	6.541	95	26656	5.574	ug/L	98
46) Tetrachloroethene	8.550	164	120722	35.257	ug/L	96

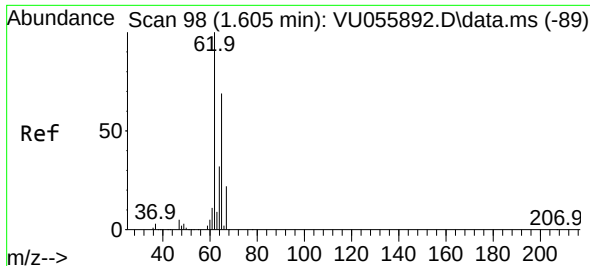
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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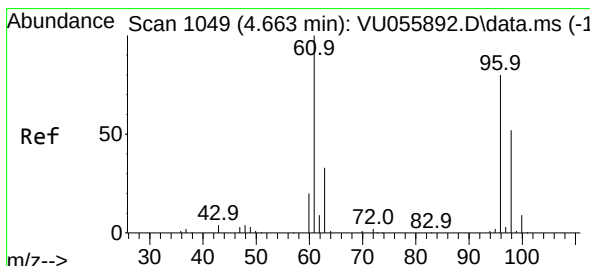
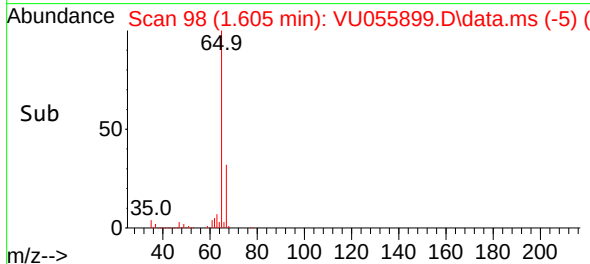
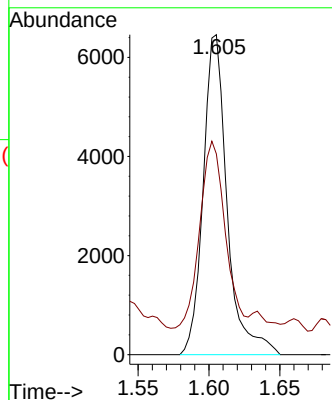
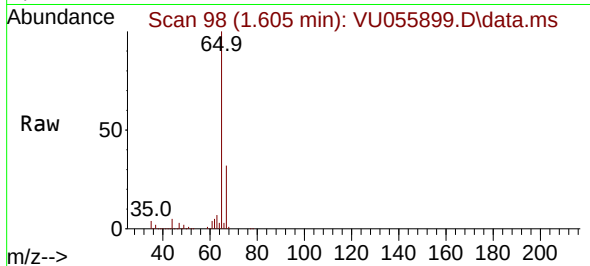




#5
 Vinyl chloride
 Concen: 1.564 ug/L
 RT: 1.605 min Scan# 98
 Delta R.T. -0.000 min
 Lab File: VU055899.D
 Acq: 26 Oct 2023 12:18

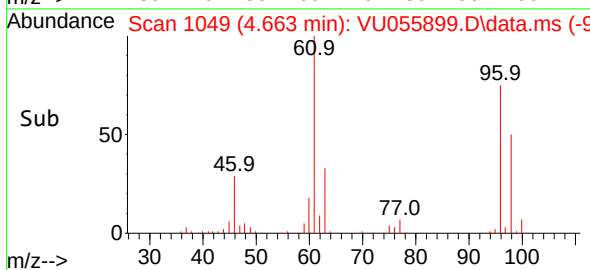
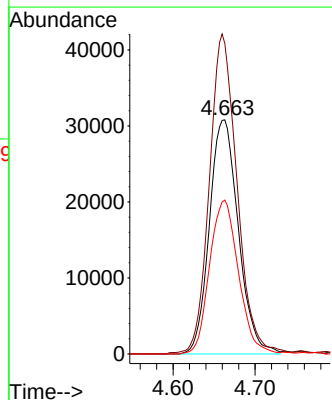
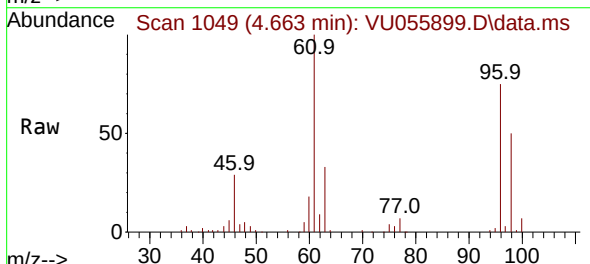
Instrument :
 MSVOA_U
 ClientSampleId :
 EY1B8DL

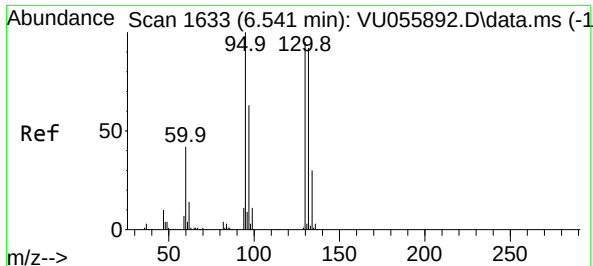
Tgt Ion: 62 Resp: 7603
 Ion Ratio Lower Upper
 62 100
 64 62.8 23.9 44.5#



#20
 cis-1,2-Dichloroethene
 Concen: 16.352 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU055899.D
 Acq: 26 Oct 2023 12:18

Tgt Ion: 96 Resp: 75839
 Ion Ratio Lower Upper
 96 100
 61 132.6 92.3 171.5
 98 65.7 43.9 81.5

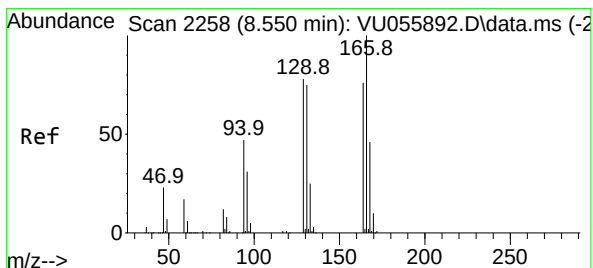
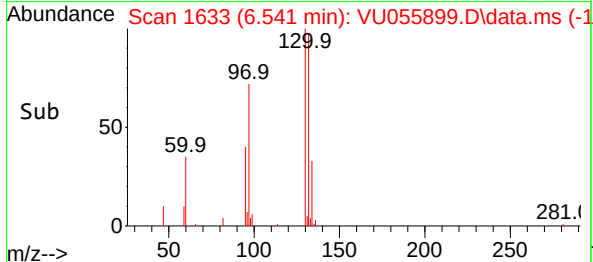
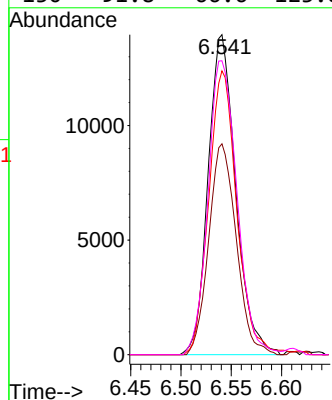
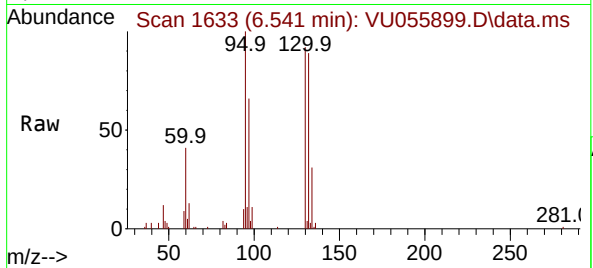




#34
 Trichloroethene
 Concen: 5.574 ug/L
 RT: 6.541 min Scan# 1
 Delta R.T. 0.000 min
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Tgt Ion:	95	Resp:	26656
Ion	Ratio	Lower	Upper
95	100		
97	65.9	44.4	82.5
132	88.7	61.8	114.8
130	91.8	66.6	123.8



#46
 Tetrachloroethene
 Concen: 35.257 ug/L
 RT: 8.550 min Scan# 2258
 Delta R.T. 0.000 min
 Lab File: VU055899.D
 Acq: 26 Oct 2023 12:18

Tgt Ion:	164	Resp:	120722
Ion	Ratio	Lower	Upper
164	100		
129	97.6	70.7	131.3
131	98.8	65.9	122.5
166	129.3	87.8	163.0

