

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102023\
 Data File : VU055839.D
 Acq On : 20 Oct 2023 17:52
 Operator : MD/SY
 Sample : 04947-04DL 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E45J1DL

Quant Time: Oct 23 01:09:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 23 01:04:15 2023
 Response via : Initial Calibration

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

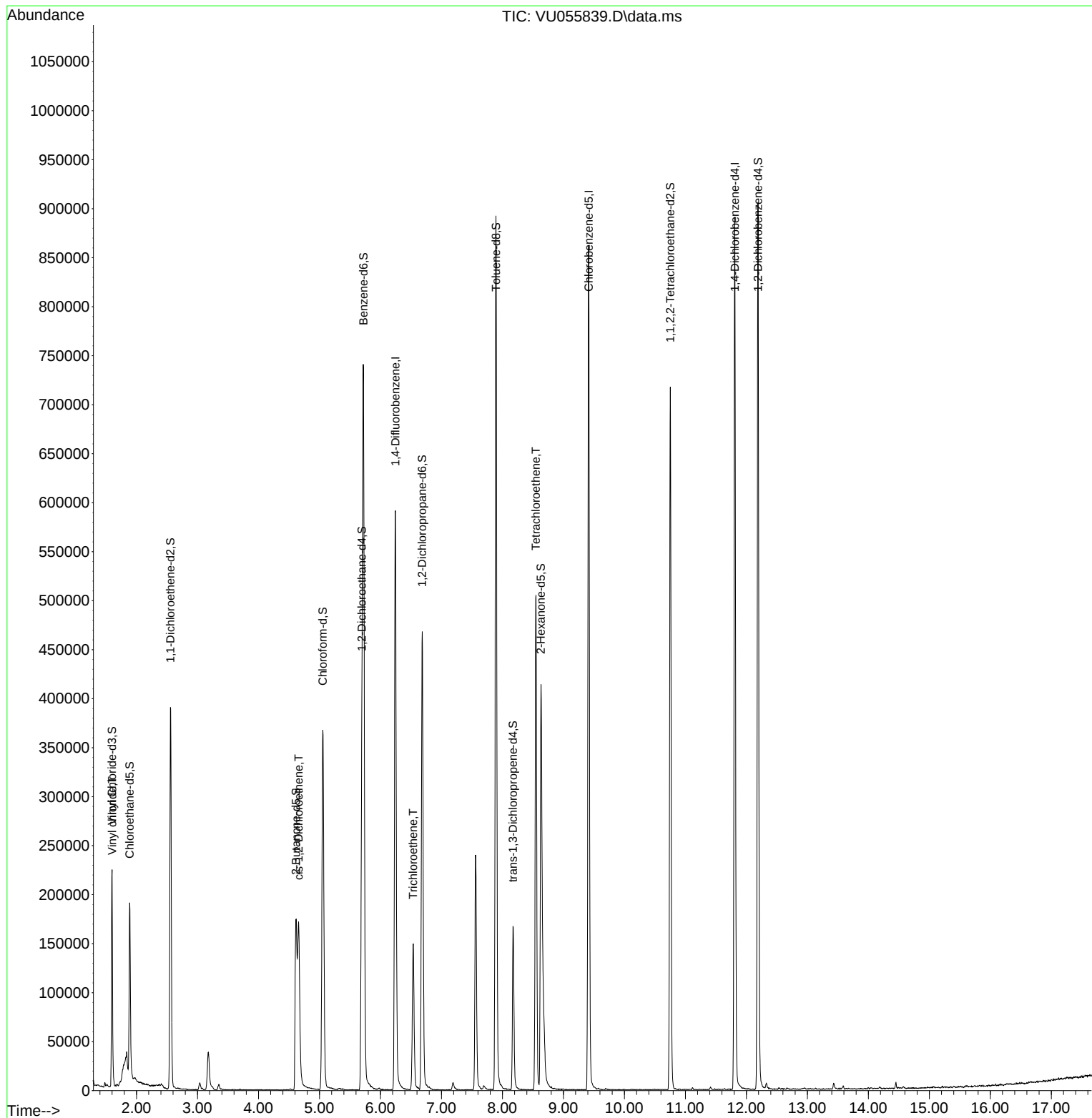
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	482474	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	483073	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	233992	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	161397	37.295	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	74.580%		
7) Chloroethane-d5	1.888	69	146459	41.402	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.800%		
11) 1,1-Dichloroethene-d2	2.557	63	236735	30.680	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.360%		
21) 2-Butanone-d5	4.615	46	272636	85.021	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.020%		
24) Chloroform-d	5.055	84	352551	42.495	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.980%		
26) 1,2-Dichloroethane-d4	5.695	65	236174	46.249	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.500%		
32) Benzene-d6	5.721	84	699072	45.229	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.460%		
36) 1,2-Dichloropropane-d6	6.685	67	225099	46.003	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.000%		
41) Toluene-d8	7.894	98	599518	42.956	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.920%		
43) trans-1,3-Dichloroprop...	8.174	79	97297	41.394	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.780%		
47) 2-Hexanone-d5	8.631	63	134892	70.125	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	70.120%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	357873	47.516	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.040%		
66) 1,2-Dichlorobenzene-d4	12.190	152	236895	51.017	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.040%		
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	6475	1.548	ug/L	# 63
20) cis-1,2-Dichloroethene	4.660	96	75302	18.864	ug/L	97
34) Trichloroethene	6.537	95	46442	11.115	ug/L	97
46) Tetrachloroethene	8.550	164	110046	36.786	ug/L	96

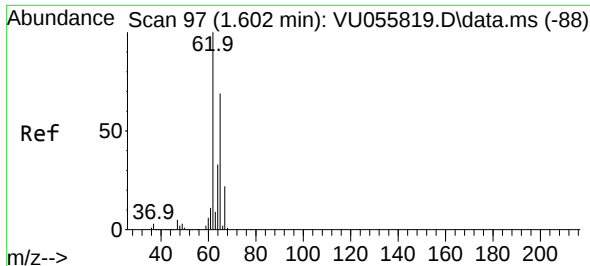
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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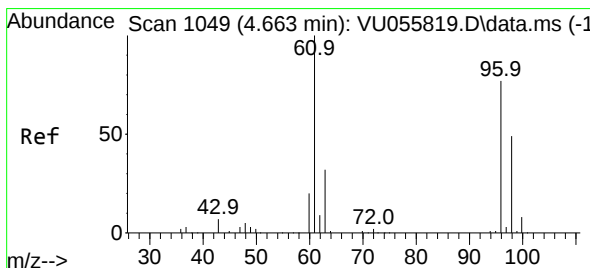
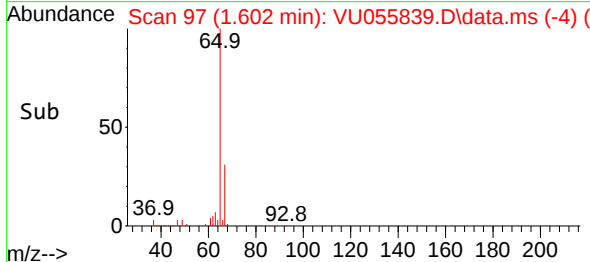
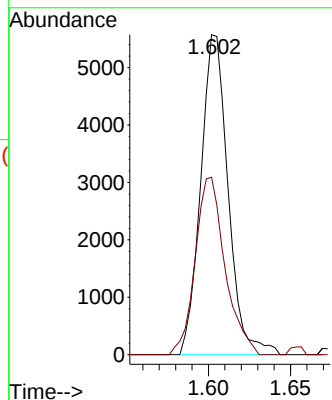
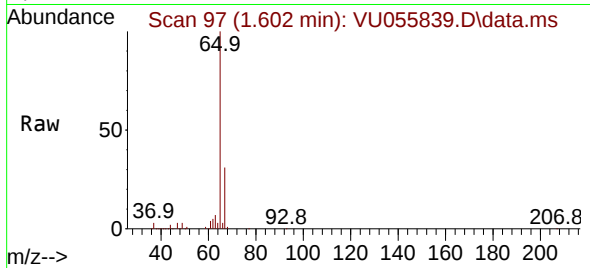




#5
 Vinyl chloride
 Concen: 1.548 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055839.D
 Acq: 20 Oct 2023 17:52

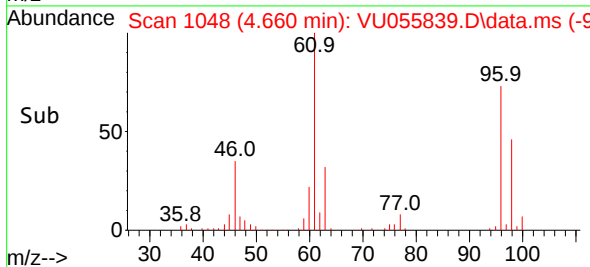
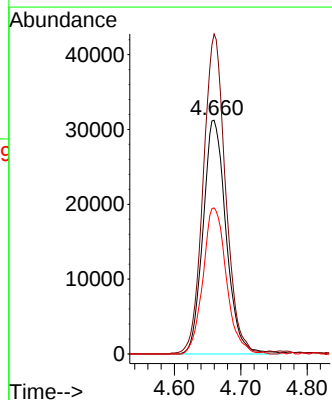
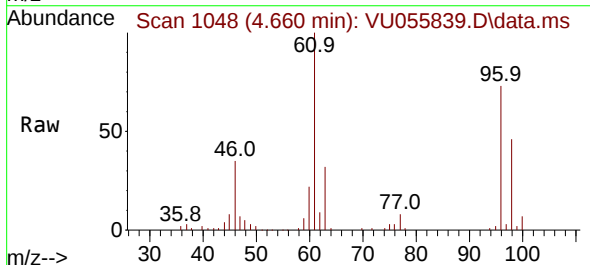
Instrument :
 MSVOA_U
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 E45J1DL

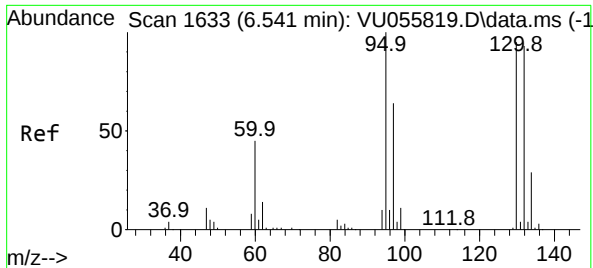
Tgt Ion: 62 Resp: 6475
 Ion Ratio Lower Upper
 62 100
 64 55.5 23.9 44.5#



#20
 cis-1,2-Dichloroethene
 Concen: 18.864 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.003 min
 Lab File: VU055839.D
 Acq: 20 Oct 2023 17:52

Tgt Ion: 96 Resp: 75302
 Ion Ratio Lower Upper
 96 100
 61 136.9 92.3 171.5
 98 62.5 43.9 81.5

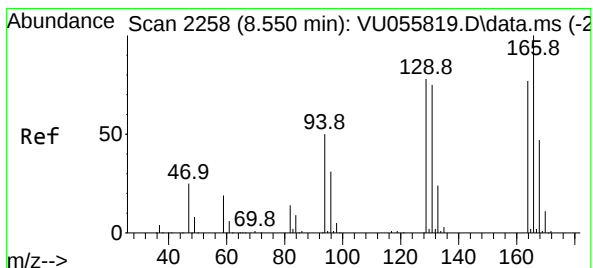
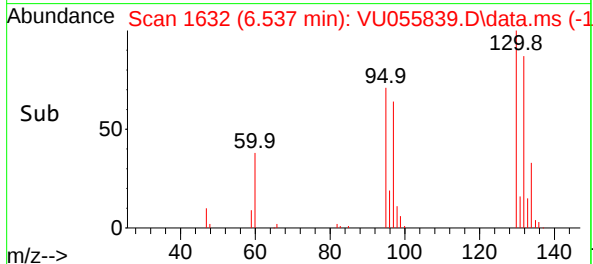
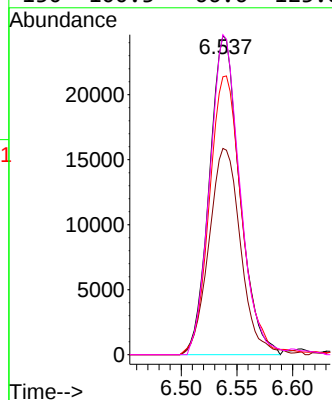
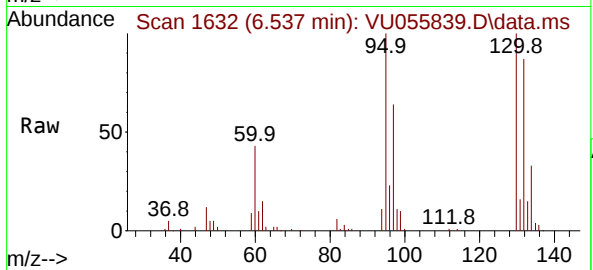




#34
Trichloroethene
Concen: 11.115 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU055839.D
Acq: 20 Oct 2023 17:52

Instrument :
MSVOA_U
ClientSampleId :
E45J1DL

Tgt Ion: 95 Resp: 46442
Ion Ratio Lower Upper
95 100
97 64.7 44.4 82.5
132 87.1 61.8 114.8
130 100.3 66.6 123.8



#46
Tetrachloroethene
Concen: 36.786 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU055839.D
Acq: 20 Oct 2023 17:52

Tgt Ion:164 Resp: 110046
Ion Ratio Lower Upper
164 100
129 103.3 70.7 131.3
131 99.4 65.9 122.5
166 130.1 87.8 163.0

