

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055536.D
 Acq On : 26 Sep 2023 23:54
 Operator : MD/SY
 Sample : 04530-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYJ01

Quant Time: Sep 27 06:36:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 06:19:47 2023
 Response via : Initial Calibration

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

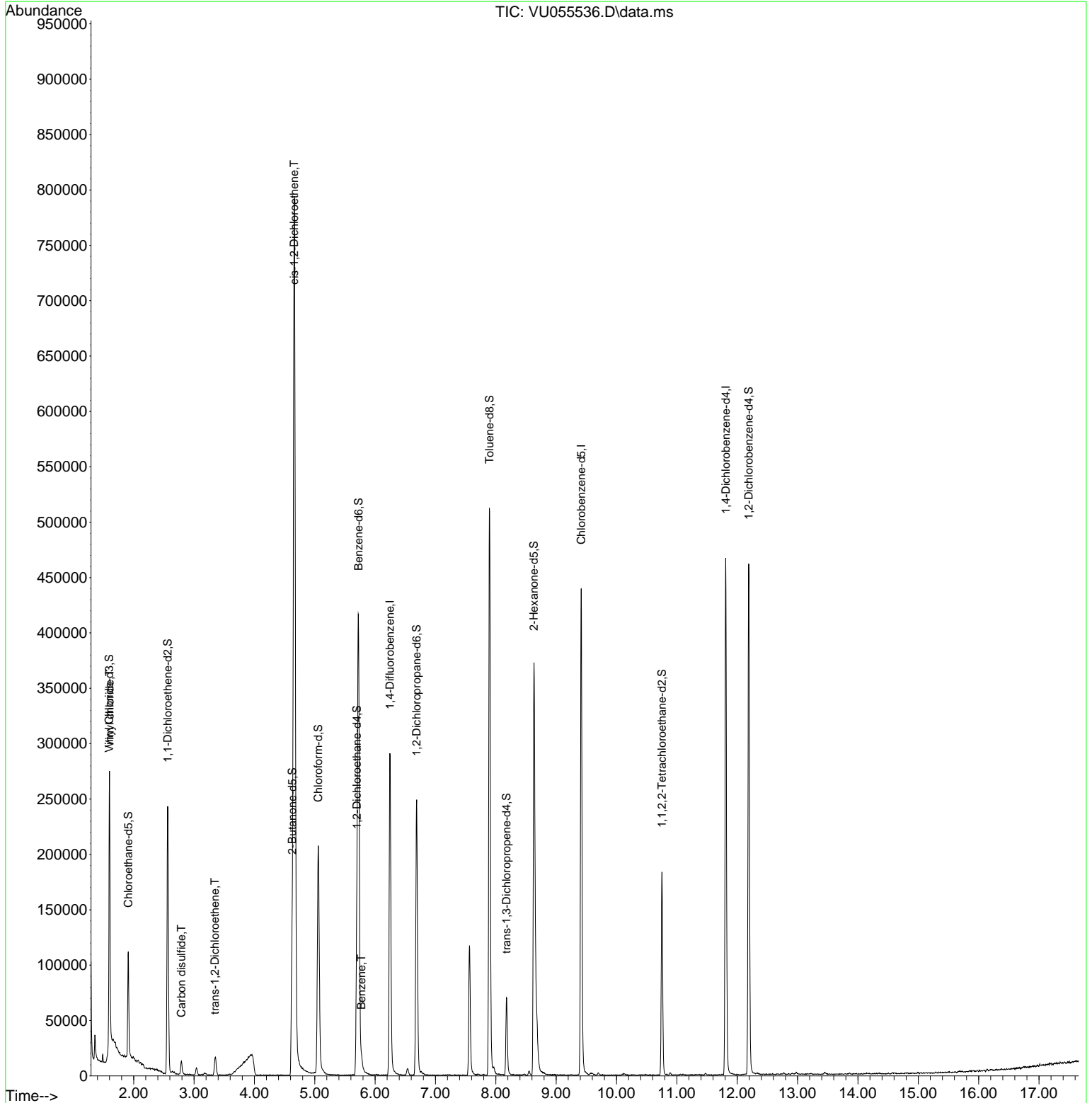
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	254986	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	257787	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	131191	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	98652	3.828	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	76.600%	
7) Chloroethane-d5	1.910	69	68867	3.032	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	60.600%#	
11) 1,1-Dichloroethene-d2	2.563	65	45849	4.322	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	86.400%	
20) 2-Butanone-d5	4.627	46	198797	42.707	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	85.420%	
24) Chloroform-d	5.058	84	203506	4.366	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.400%	
26) 1,2-Dichloroethane-d4	5.698	65	94941	4.234	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.600%	
32) Benzene-d6	5.724	84	418683	4.643	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.800%	
36) 1,2-Dichloropropane-d6	6.688	67	128689	4.777	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.600%	
41) Toluene-d8	7.894	98	361554	4.399	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.000%	
43) trans-1,3-Dichloroprop...	8.177	79	43975	4.651	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.000%	
46) 2-Hexanone-d5	8.630	63	122287	42.523	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	85.040%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	95968	4.753	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	128121	4.839	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.800%	
Target Compounds						
						Qvalue
5) Vinyl chloride	1.602	62	91335	3.877	ug/L #	71
14) Carbon disulfide	2.791	76	16162	0.302	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	7572	0.421	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	430422	20.660	ug/L	98
33) Benzene	5.775	78	11587	0.156	ug/L	100

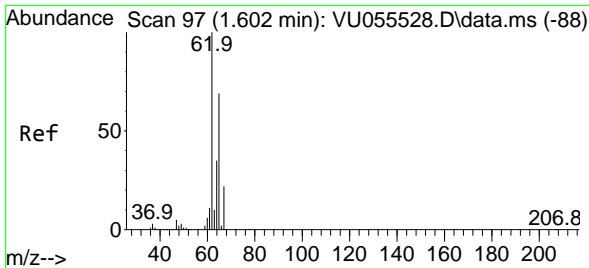
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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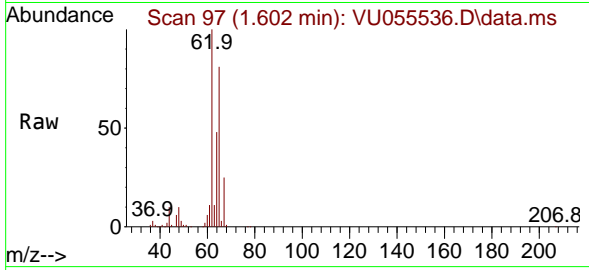
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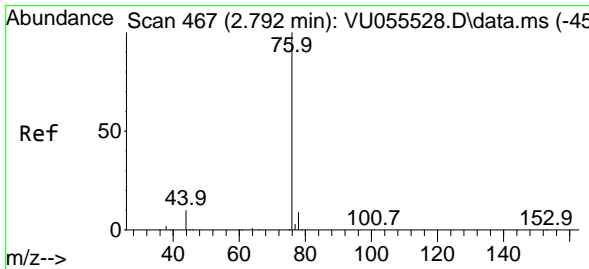
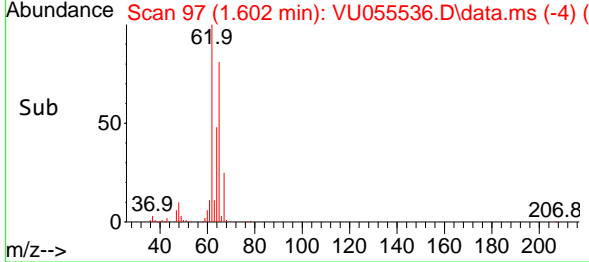
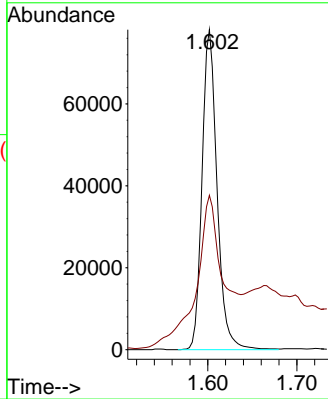


#5
 Vinyl chloride
 Concen: 3.877 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055536.D
 Acq: 26 Sep 2023 23:54

Instrument : MSVOA_U
 ClientSampleId : EYJ01

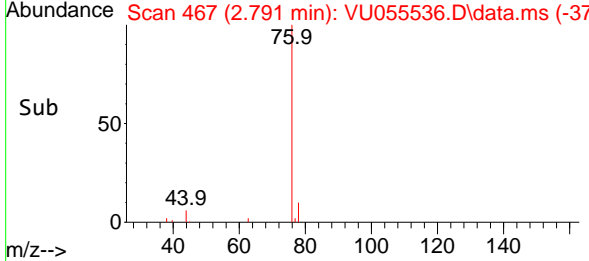
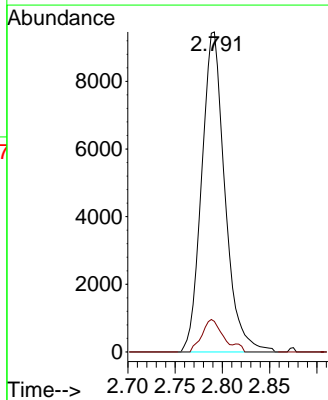
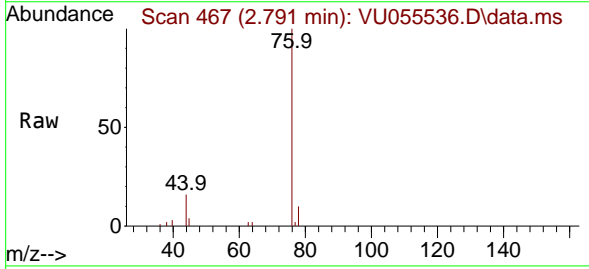


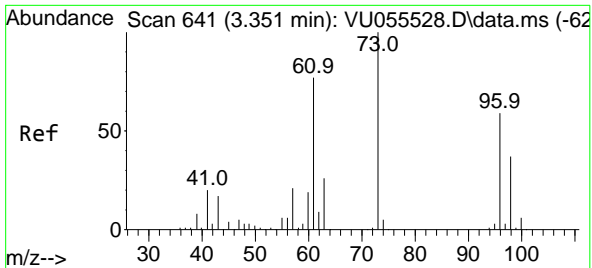
Tgt Ion: 62 Resp: 91335
 Ion Ratio Lower Upper
 62 100
 64 48.2 22.3 41.5#



#14
 Carbon disulfide
 Concen: 0.302 ug/L
 RT: 2.791 min Scan# 467
 Delta R.T. -0.000 min
 Lab File: VU055536.D
 Acq: 26 Sep 2023 23:54

Tgt Ion: 76 Resp: 16162
 Ion Ratio Lower Upper
 76 100
 78 9.5 7.7 11.5



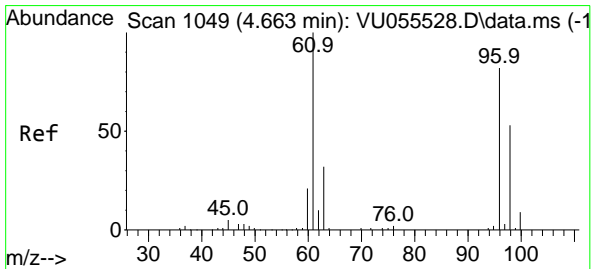
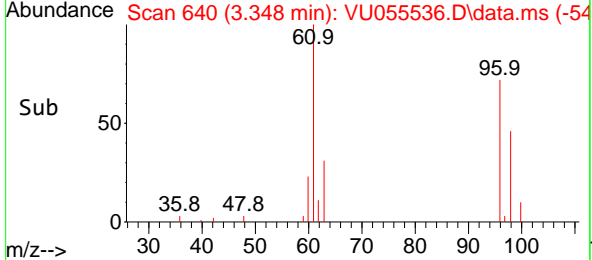
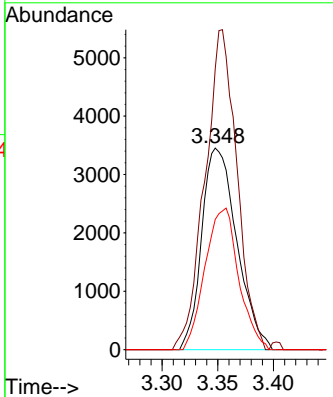
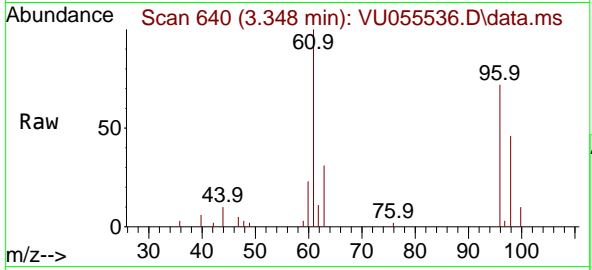


#18
 trans-1,2-Dichloroethene
 Concen: 0.421 ug/L
 RT: 3.348 min Scan# 641
 Delta R.T. -0.003 min
 Lab File: VU055536.D
 Acq: 26 Sep 2023 23:54

Instrument : MSVOA_U
 ClientSampleId : EYJ01

Tgt Ion: 96 Resp: 7572

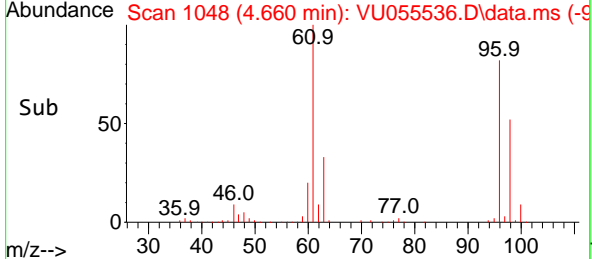
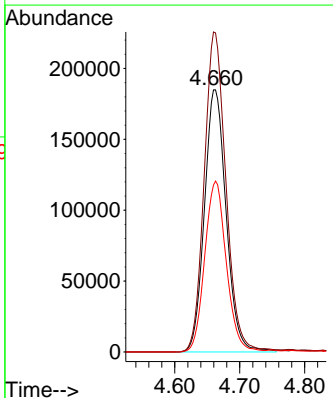
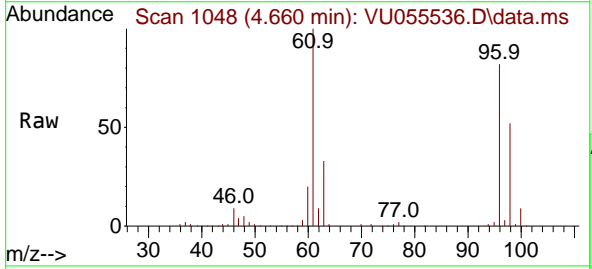
Ion	Ratio	Lower	Upper
96	100		
61	139.3	94.6	175.6
98	64.6	45.7	84.9

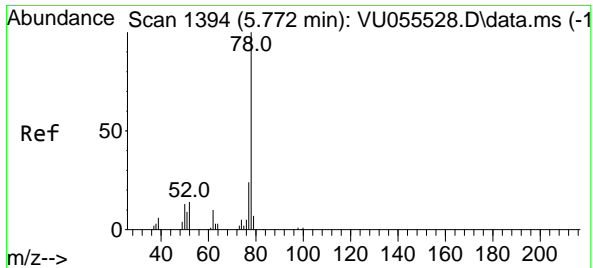


#22
 cis-1,2-Dichloroethene
 Concen: 20.660 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.003 min
 Lab File: VU055536.D
 Acq: 26 Sep 2023 23:54

Tgt Ion: 96 Resp: 430422

Ion	Ratio	Lower	Upper
96	100		
61	122.1	87.8	163.2
98	63.7	44.4	82.4





#33
 Benzene
 Concen: 0.156 ug/L
 RT: 5.775 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VU055536.D
 Acq: 26 Sep 2023 23:54

Instrument : MSVOA_U
 ClientSampleId : EYJ01

Tgt Ion: 78 Resp: 11587

