

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092523\
 Data File : VU055483.D
 Acq On : 25 Sep 2023 10:18
 Operator : MD/SY
 Sample : 04579-04DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 26 01:21:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 25 01:08:17 2023
 Response via : Initial Calibration

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

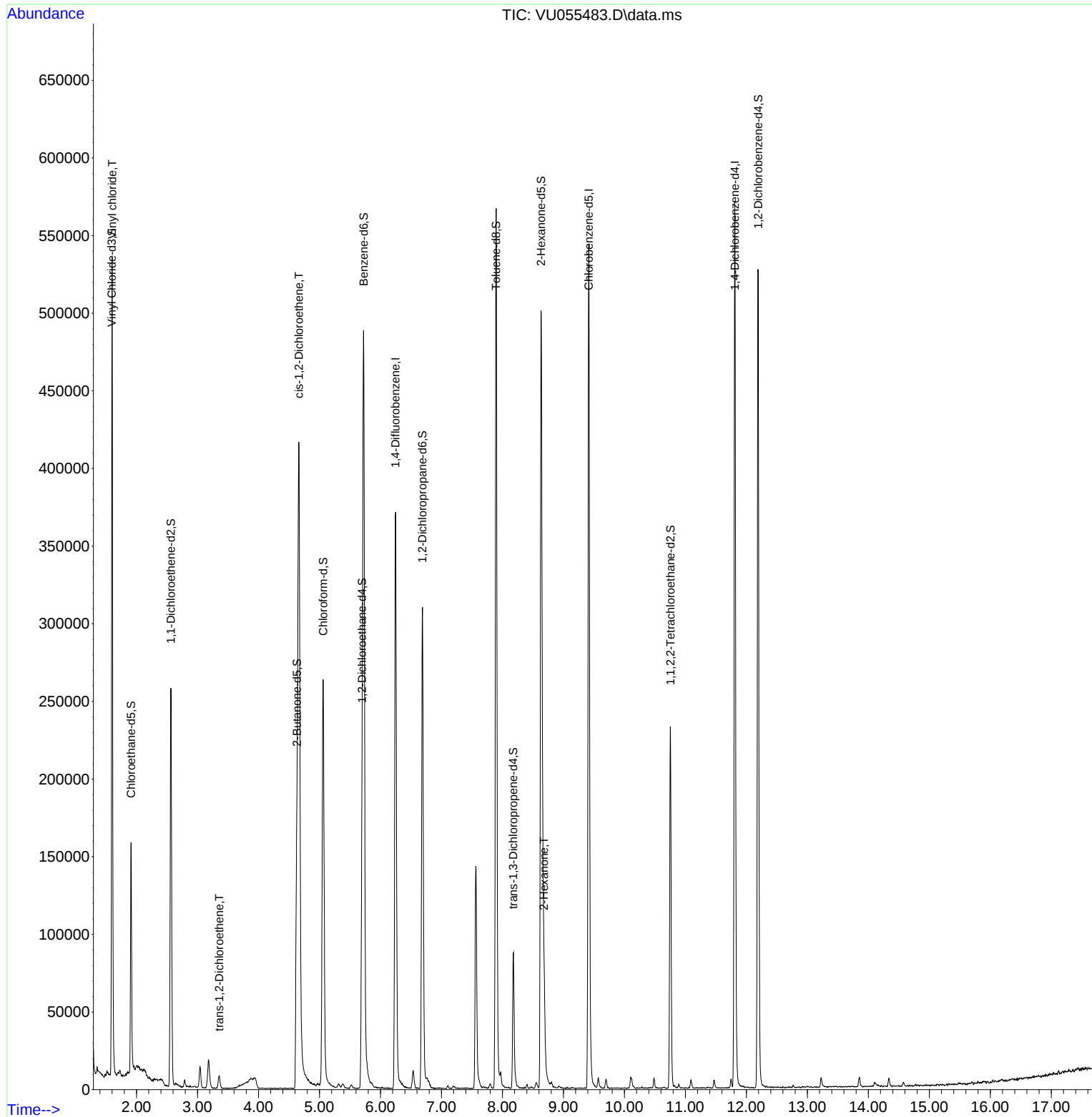
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	313897	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	318143	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	152468	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	113137	3.566	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	71.400%	
7) Chloroethane-d5	1.911	69	105437	3.771	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	75.400%	
11) 1,1-Dichloroethene-d2	2.563	65	48085	3.682	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	73.600%	
20) 2-Butanone-d5	4.631	46	302243	52.744	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.480%	
24) Chloroform-d	5.062	84	251636	4.385	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.800%	
26) 1,2-Dichloroethane-d4	5.698	65	127311	4.612	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.200%	
32) Benzene-d6	5.724	84	472426	4.245	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.000%	
36) 1,2-Dichloropropane-d6	6.689	67	152032	4.573	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.400%	
41) Toluene-d8	7.898	98	388661	3.832	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.600%	
43) trans-1,3-Dichloroprop...	8.177	79	53160	4.556	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.200%	
46) 2-Hexanone-d5	8.634	63	161284	45.444	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.880%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	118382	4.751	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.000%	
66) 1,2-Dichlorobenzene-d4	12.193	152	142406	4.628	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.600%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	279248	9.628	ug/L	99
18) trans-1,2-Dichloroethene	3.357	96	2758	0.125	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	193595	7.549	ug/L	98
48) 2-Hexanone	8.682	43	34158	4.057	ug/L #	82

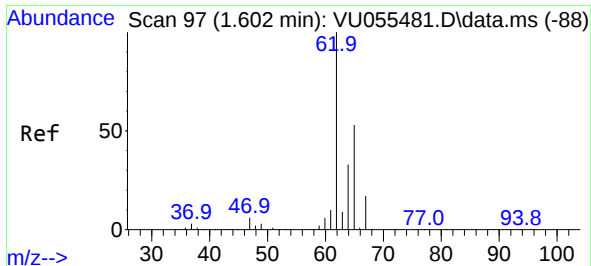
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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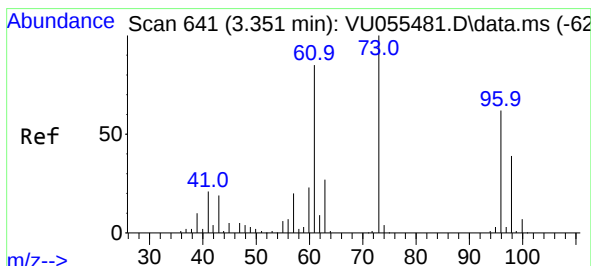
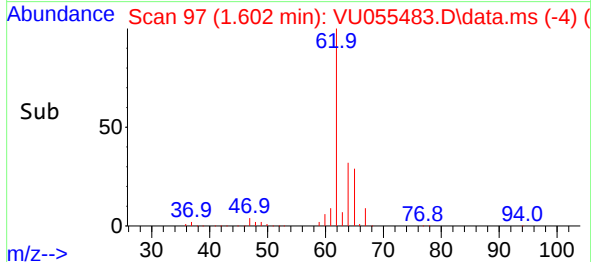
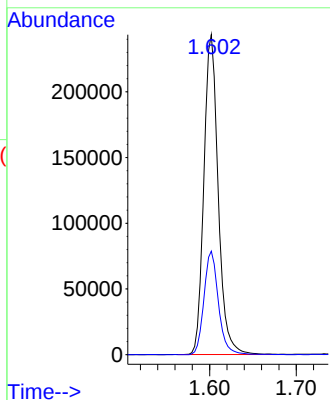
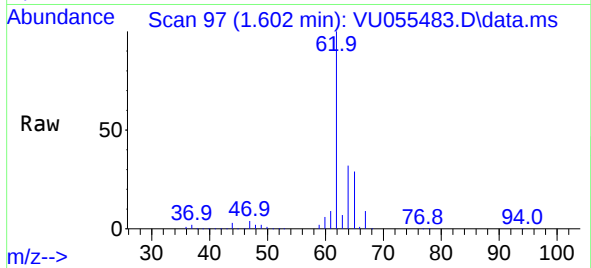




#5
 Vinyl chloride
 Concen: 9.628 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055483.D
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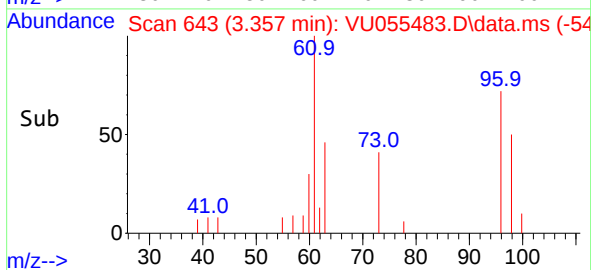
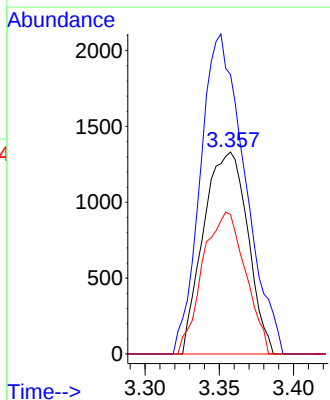
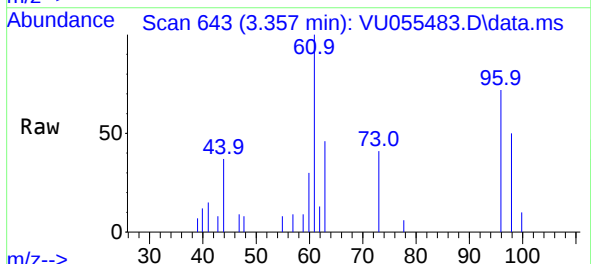
Instrument :
 MSVOA_U
 ClientSampleId :

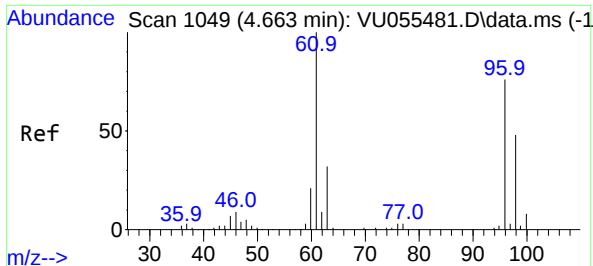
Tgt Ion: 62 Resp: 279248
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.3 41.5



#18
 trans-1,2-Dichloroethene
 Concen: 0.125 ug/L
 RT: 3.357 min Scan# 643
 Delta R.T. 0.010 min
 Lab File: VU055483.D
 Acq: 25 Sep 2023 10:18

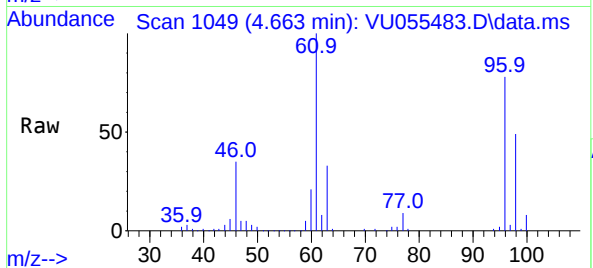
Tgt Ion: 96 Resp: 2758
 Ion Ratio Lower Upper
 96 100
 61 138.3 94.6 175.6
 98 69.1 45.7 84.9





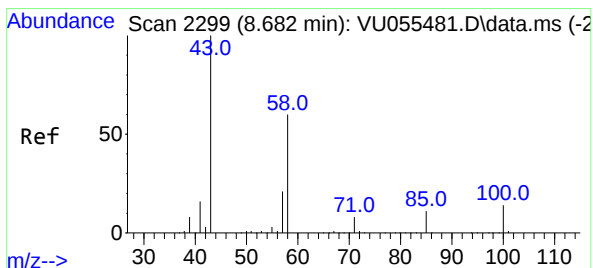
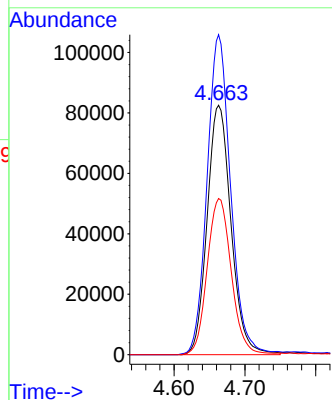
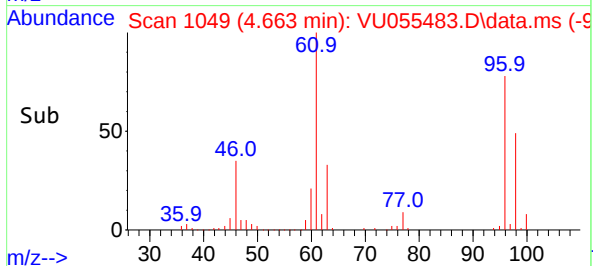
#22
 cis-1,2-Dichloroethene
 Concen: 7.549 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.003 min
 Lab File: VU055483.D
 Acq: 25 Sep 2023 10:18

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 193595

Ion	Ratio	Lower	Upper
96	100		
61	128.3	87.8	163.2
98	62.6	44.4	82.4



#48
 2-Hexanone
 Concen: 4.057 ug/L
 RT: 8.682 min Scan# 2299
 Delta R.T. -0.003 min
 Lab File: VU055483.D
 Acq: 25 Sep 2023 10:18

Tgt Ion: 43 Resp: 34158

Ion	Ratio	Lower	Upper
43	100		
58	42.2	48.5	72.7#
57	19.4	17.0	25.4
100	9.3	10.3	15.5#

