

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031924\
 Data File : VU058164.D
 Acq On : 19 Mar 2024 20:42
 Operator : MD/SY
 Sample : P1796-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCFZ4

Quant Time: Mar 20 05:23:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 20 05:19:57 2024
 Response via : Initial Calibration

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

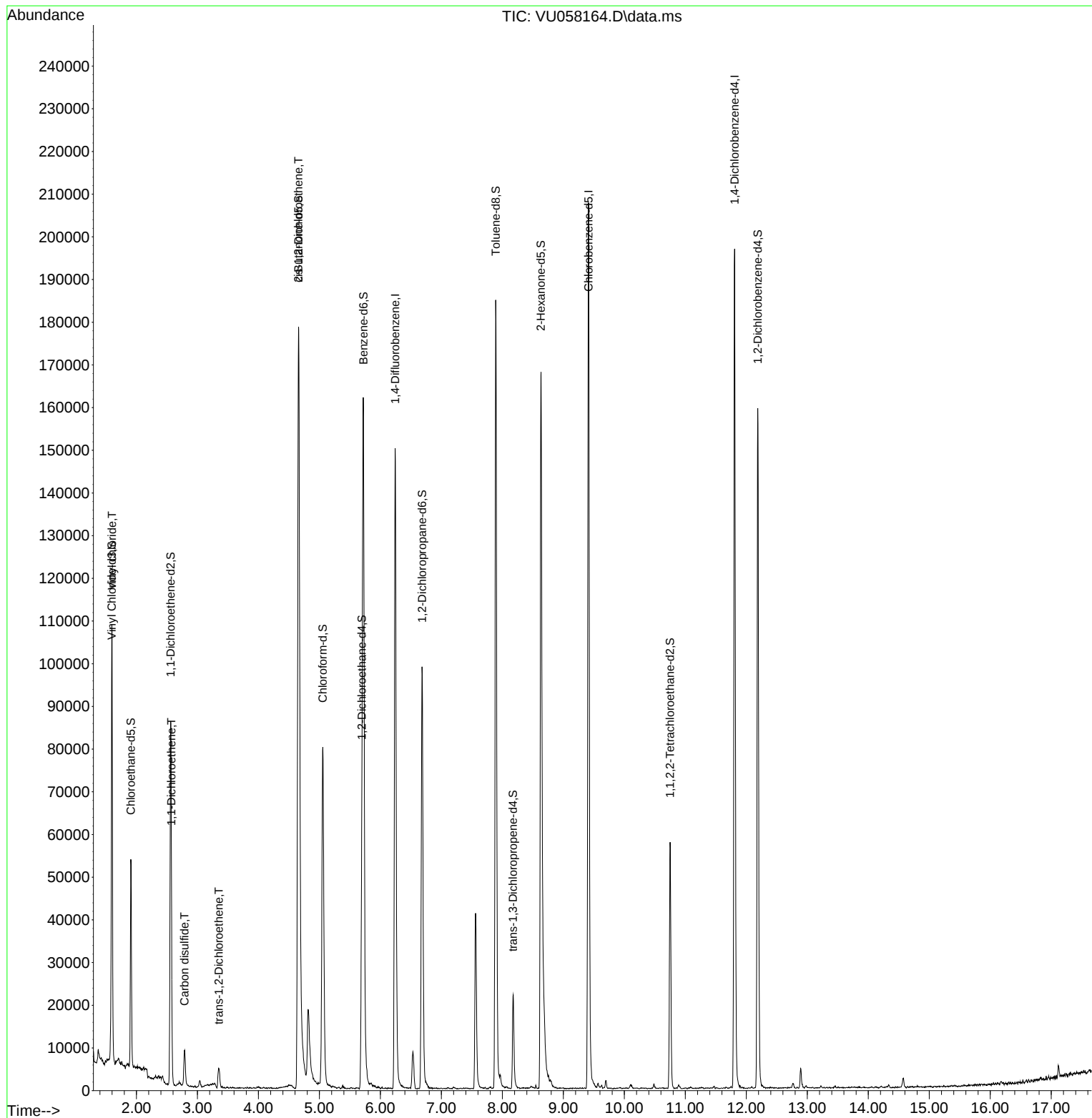
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	118273	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	114661	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	51051	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	36753	4.319	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.908	69	33137	4.738	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.560	65	16200	4.399	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	4.657	46	81543	58.158	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.320%
24) Chloroform-d	5.055	84	76032	4.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.695	65	37306	5.116	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.721	84	150317	4.499	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.682	67	49404	4.863	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.891	98	126627	4.182	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	8.174	79	13518	3.870	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.400%
46) 2-Hexanone-d5	8.631	63	64061	54.622	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.240%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	29660	4.762	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	42127	5.011	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	37695	4.182	ug/L	98
12) 1,1-Dichloroethene	2.573	96	1334	0.187	ug/L	# 1
14) Carbon disulfide	2.789	76	10865	0.492	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	2181	0.281	ug/L	82
22) cis-1,2-Dichloroethene	4.657	96	74500	8.713	ug/L	99

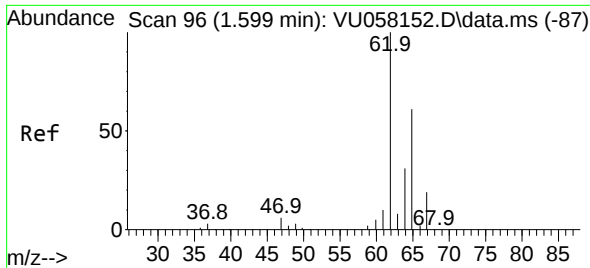
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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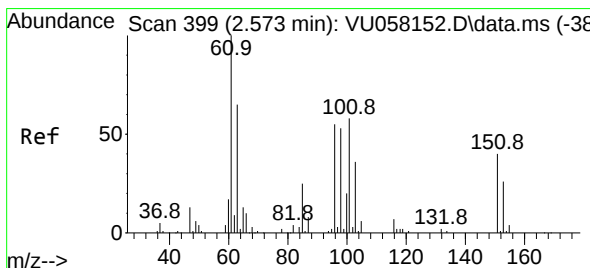
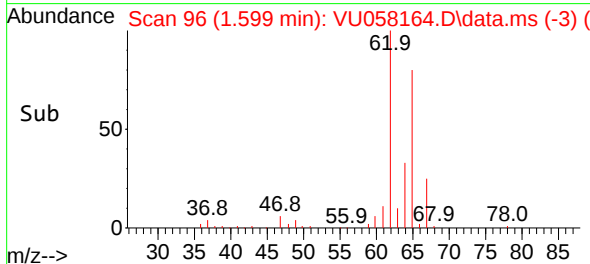
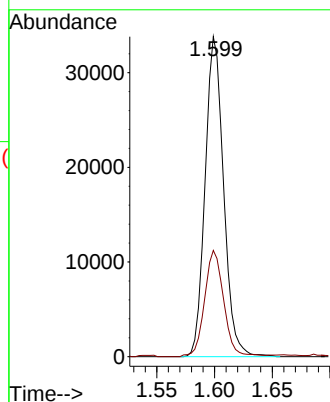
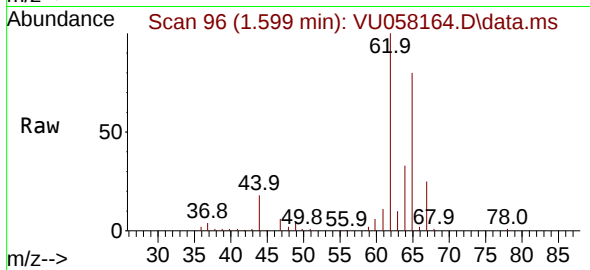




#5
 Vinyl chloride
 Concen: 4.182 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU058164.D
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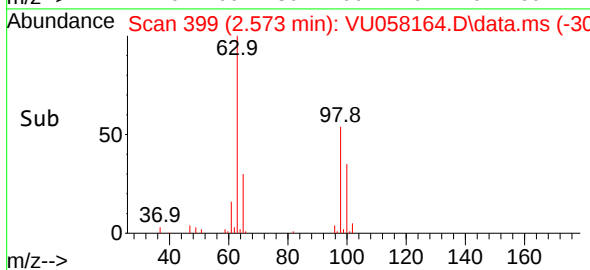
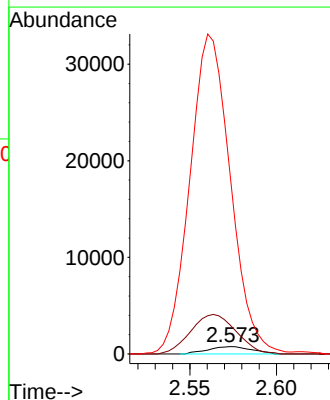
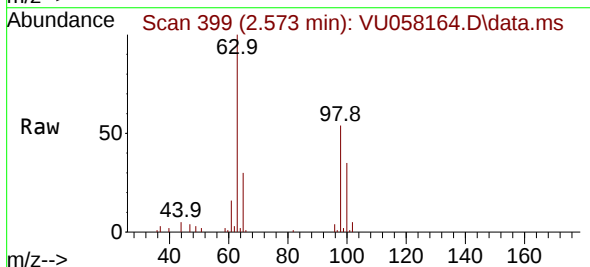
Instrument :
 MSVOA_U
 ClientSampleId :
 GCFZ4

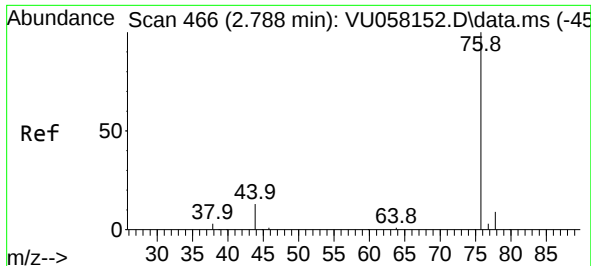
Tgt Ion: 62 Resp: 37695
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.5 41.7



#12
 1,1-Dichloroethene
 Concen: 0.187 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU058164.D
 Acq: 19 Mar 2024 20:42

Tgt Ion: 96 Resp: 1334
 Ion Ratio Lower Upper
 96 100
 61 314.9 131.8 244.8#
 63 1947.2 98.1 182.1#

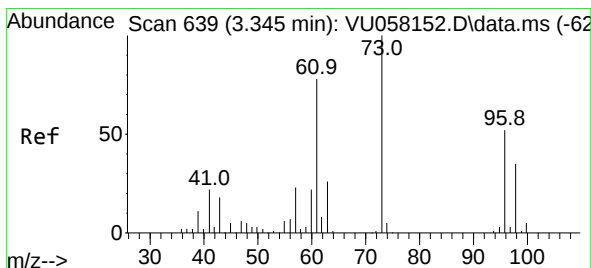
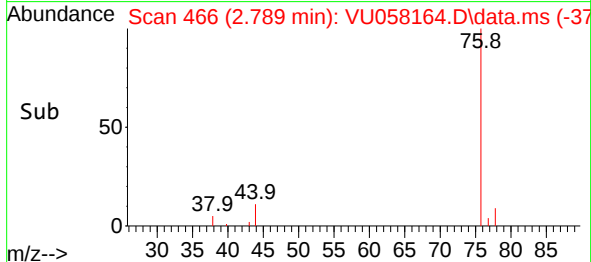
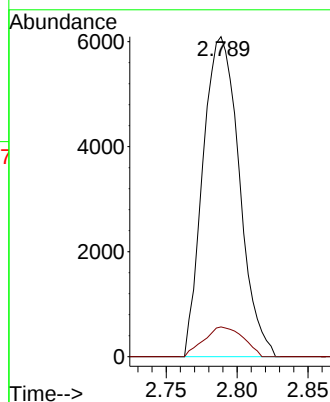
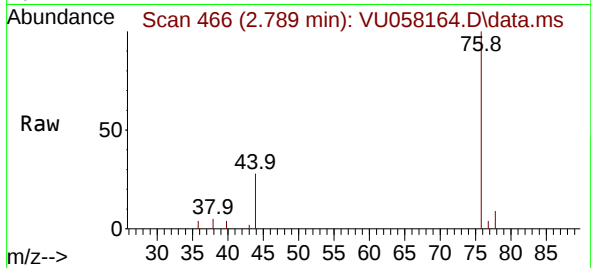




#14
Carbon disulfide
Concen: 0.492 ug/L
RT: 2.789 min Scan# 410
Delta R.T. 0.000 min
Lab File: VU058164.D
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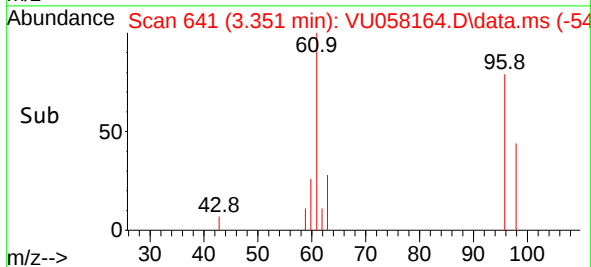
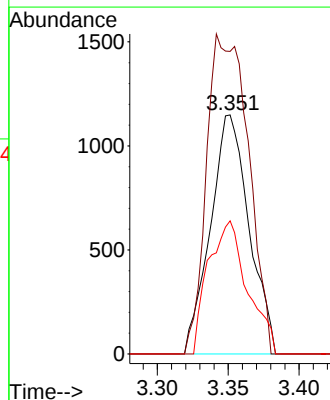
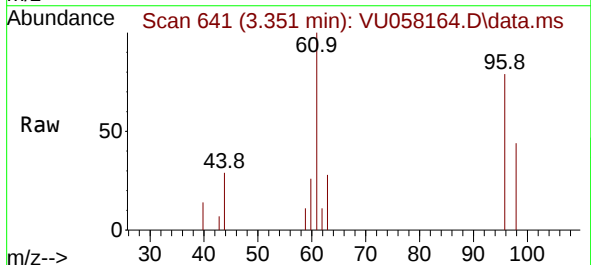
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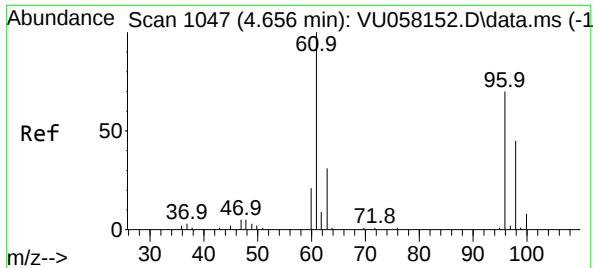
Tgt Ion: 76 Resp: 10865
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
trans-1,2-Dichloroethene
Concen: 0.281 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.007 min
Lab File: VU058164.D
Acq: 19 Mar 2024 20:42

Tgt Ion: 96 Resp: 2181
Ion Ratio Lower Upper
96 100
61 126.5 107.7 199.9
98 55.7 45.8 85.0





#22
 cis-1,2-Dichloroethene
 Concen: 8.713 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU058164.D
 Acq: 19 Mar 2024 20:42

Instrument :
 MSVOA_U
 ClientSampleId :
 GCFZ4

Tgt Ion: 96	Resp: 74500
Ion Ratio	Lower Upper
96 100	
61 136.9	97.2 180.4
98 64.8	45.5 84.5

