

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055509.D
 Acq On : 26 Sep 2023 11:46
 Operator : MD/SY
 Sample : 04579-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 04:47:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 04:44:22 2023
 Response via : Initial Calibration

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

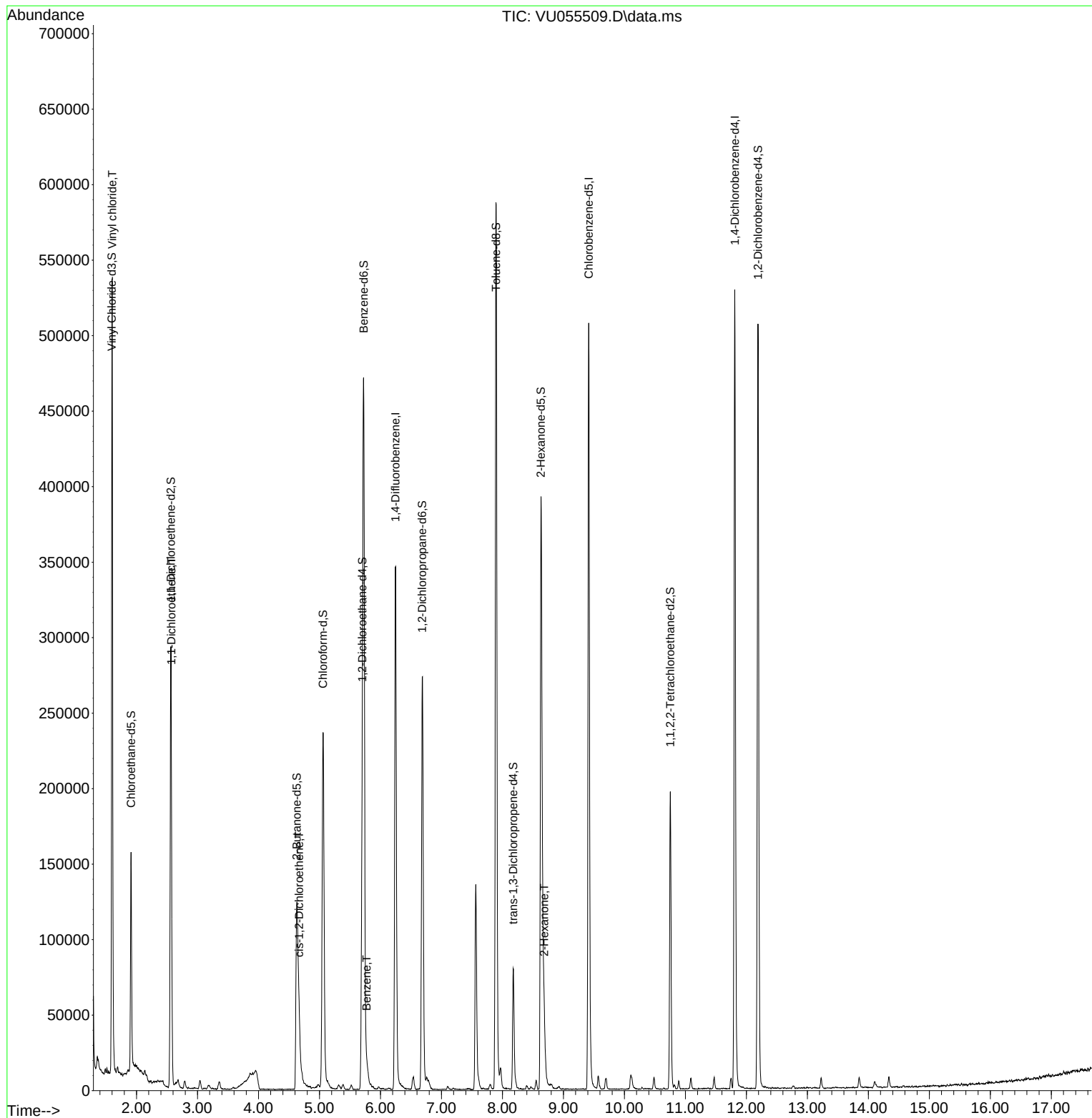
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	291697	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	297435	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	141124	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	137712	4.671	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.400%	
7) Chloroethane-d5	1.911	69	100523	3.869	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	77.400%	
11) 1,1-Dichloroethene-d2	2.563	65	53560	4.414	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.200%	
20) 2-Butanone-d5	4.628	46	221570	41.609	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	83.220%	
24) Chloroform-d	5.058	84	229000	4.294	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.800%	
26) 1,2-Dichloroethane-d4	5.702	65	110322	4.301	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.000%	
32) Benzene-d6	5.724	84	476525	4.580	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.600%	
36) 1,2-Dichloropropane-d6	6.685	67	141595	4.555	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.200%	
41) Toluene-d8	7.894	98	411788	4.343	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.800%	
43) trans-1,3-Dichloroprop...	8.177	79	48610	4.456	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.200%	
46) 2-Hexanone-d5	8.631	63	126710	38.188	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	76.380%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	100457	4.312	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	138413	4.859	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.200%	
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	265362	9.845	ug/L	99
12) 1,1-Dichloroethene	2.570	96	2404	0.118	ug/L #	1
22) cis-1,2-Dichloroethene	4.666	96	8155	0.342	ug/L	96
33) Benzene	5.772	78	11397	0.133	ug/L	100
48) 2-Hexanone	8.685	43	29629	3.764	ug/L #	86

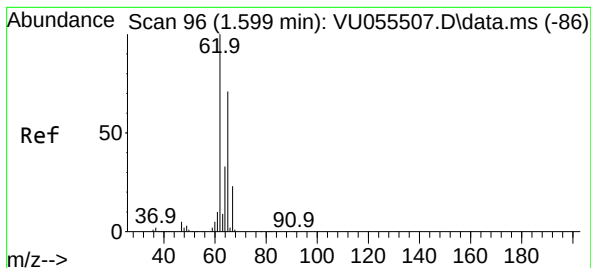
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 9.845 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU055509.D

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Instrument :

MSVOA_U

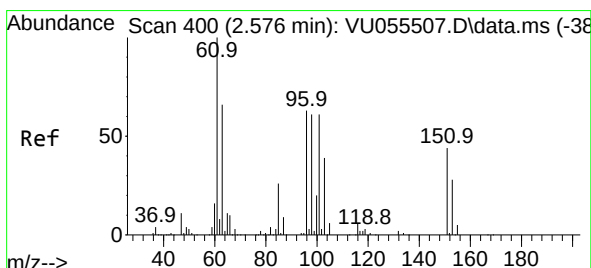
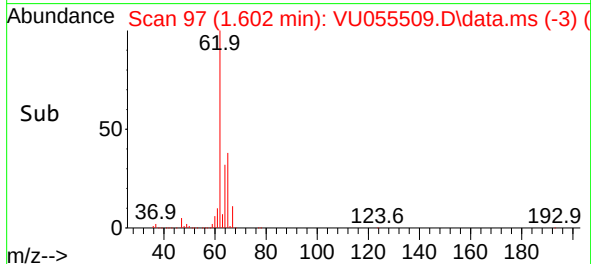
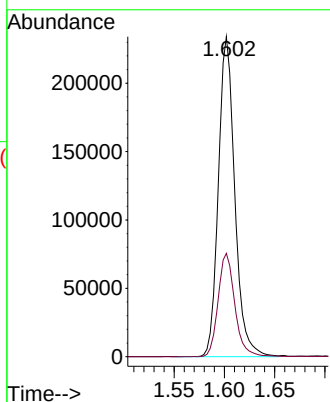
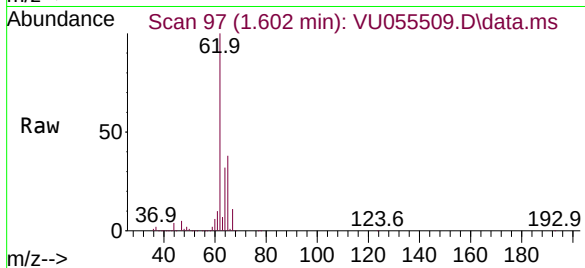
ClientSampleId :

Tgt Ion: 62 Resp: 265362

Ion Ratio Lower Upper

62 100

64 32.3 22.3 41.5



#12

1,1-Dichloroethene

Concen: 0.118 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.007 min

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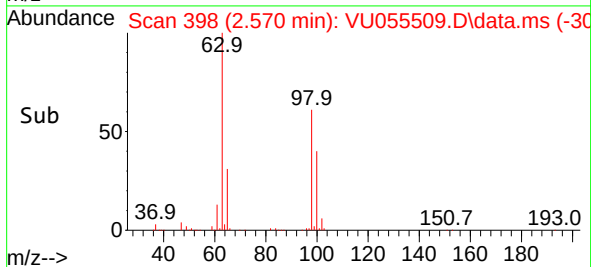
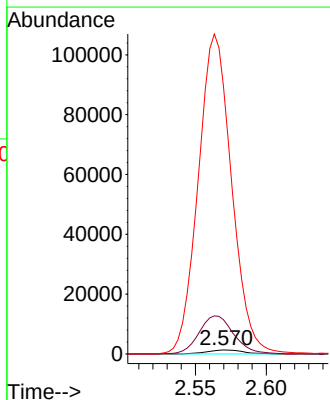
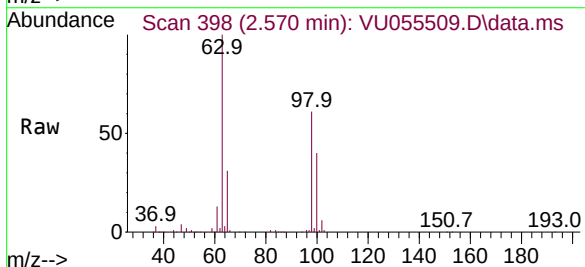
Tgt Ion: 96 Resp: 2404

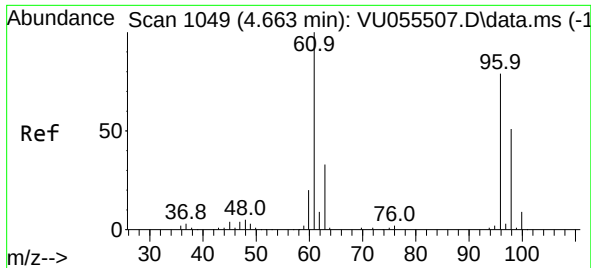
Ion Ratio Lower Upper

96 100

61 858.1 114.5 212.7#

63 6710.3 98.3 182.5#

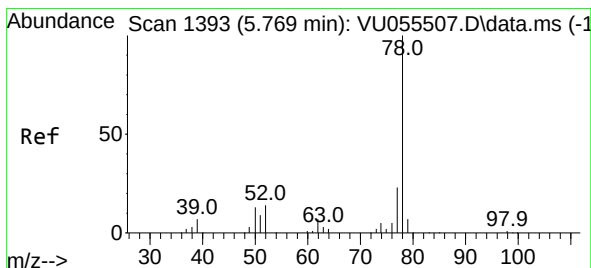
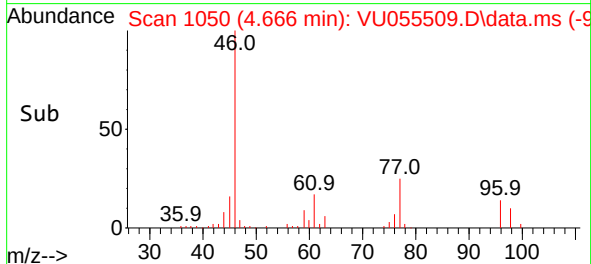
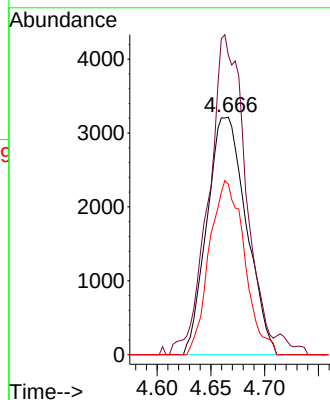
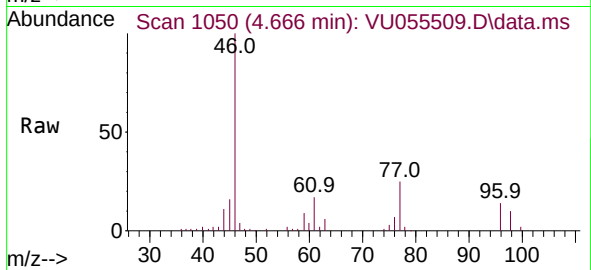




#22
 cis-1,2-Dichloroethene
 Concen: 0.342 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.003 min
 Lab File: VU055509.D
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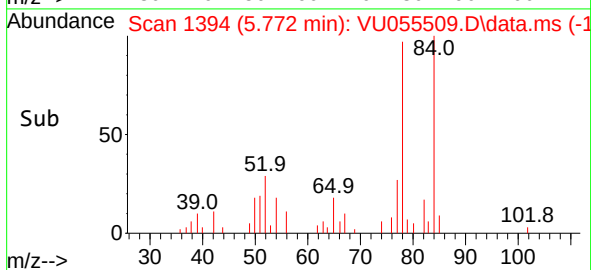
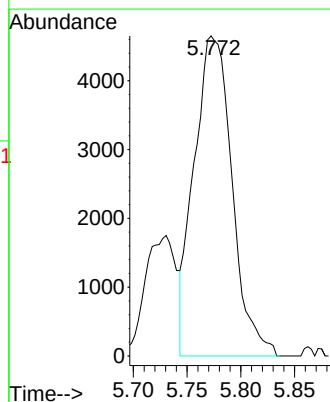
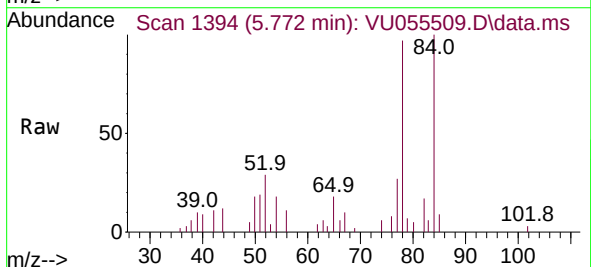
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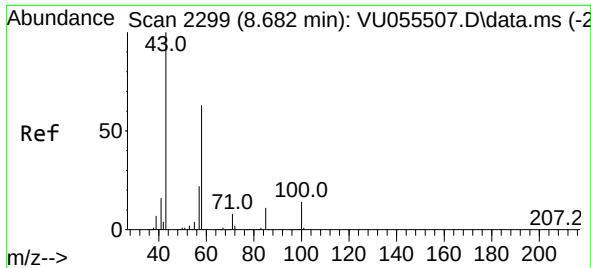
Tgt Ion: 96 Resp: 8155
 Ion Ratio Lower Upper
 96 100
 61 126.1 87.8 163.2
 98 71.8 44.4 82.4



#33
 Benzene
 Concen: 0.133 ug/L
 RT: 5.772 min Scan# 1394
 Delta R.T. 0.003 min
 Lab File: VU055509.D
 Acq: 26 Sep 2023 11:46

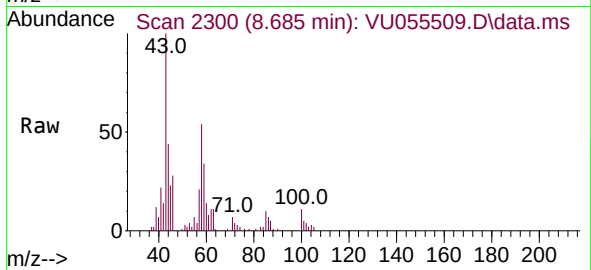
Tgt Ion: 78 Resp: 11397





#48
 2-Hexanone
 Concen: 3.764 ug/L
 RT: 8.685 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU055509.D
 Acq: 26 Sep 2023 11:46

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 43	Resp: 29629
Ion Ratio	Lower Upper
43	100
58	48.8 48.5 72.7
57	15.3 17.0 25.4#
100	10.0 10.3 15.5#

