

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
 Data File : VU057157.D
 Acq On : 22 Dec 2023 00:28
 Operator : MD/SY
 Sample : 05894-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH3N5

Quant Time: Dec 22 01:07:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 21 23:30:13 2023
 Response via : Initial Calibration

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

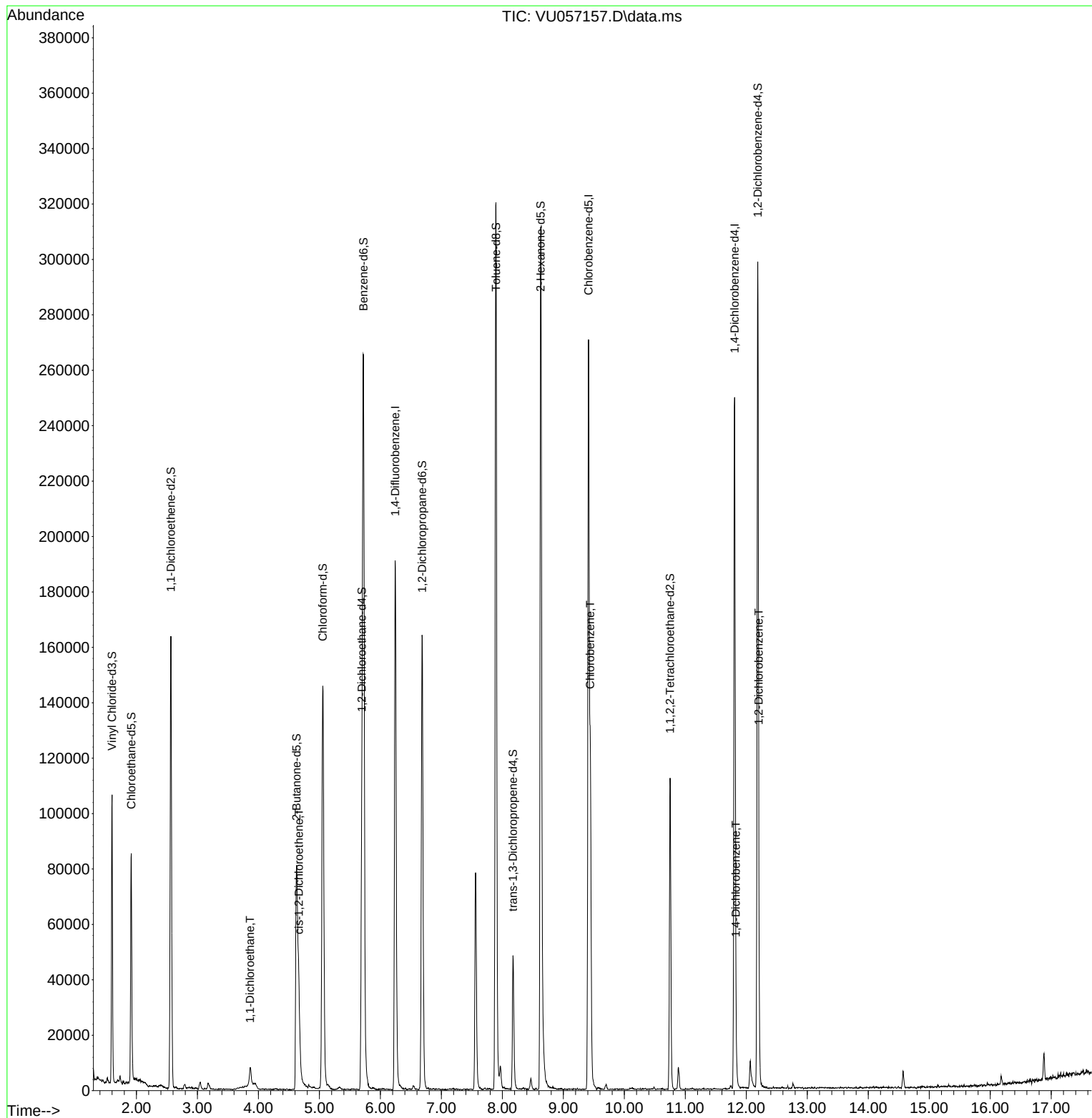
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	152237	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	149231	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	65638	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	71722	4.929	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.600%	
7) Chloroethane-d5	1.914	69	61666	5.148	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.000%	
11) 1,1-Dichloroethene-d2	2.563	65	31346	4.972	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.400%	
20) 2-Butanone-d5	4.624	46	127472	55.796	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	111.600%	
24) Chloroform-d	5.055	84	141931	5.051	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.000%	
26) 1,2-Dichloroethane-d4	5.695	65	70763	5.284	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.600%	
32) Benzene-d6	5.721	84	256989	5.021	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.400%	
36) 1,2-Dichloropropane-d6	6.685	67	76289	5.238	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.800%	
41) Toluene-d8	7.894	98	216338	4.629	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.600%	
43) trans-1,3-Dichloroprop...	8.174	79	29265	4.827	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.600%	
46) 2-Hexanone-d5	8.627	63	107210	51.933	ug/L	-0.03
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.860%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	55427	5.348	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.000%	
66) 1,2-Dichlorobenzene-d4	12.187	152	77558	5.491	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.800%	
Target Compounds						
					Qvalue	
19) 1,1-Dichloroethane	3.862	63	7622	0.346	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	10624	0.869	ug/L	96
51) Chlorobenzene	9.441	112	62054	1.902	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	3753	0.163	ug/L	88
67) 1,2-Dichlorobenzene	12.203	146	4292	0.210	ug/L	89

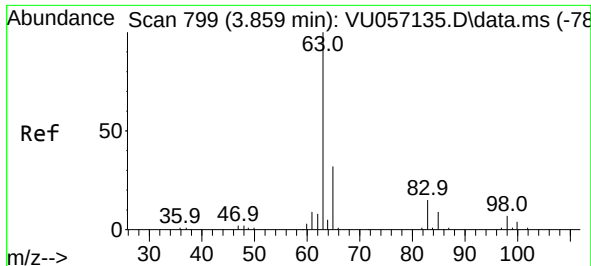
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 0.346 ug/L

RT: 3.862 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU057157.D

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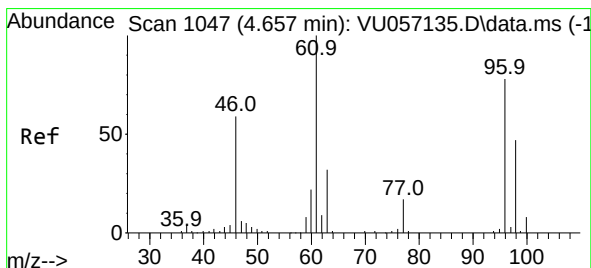
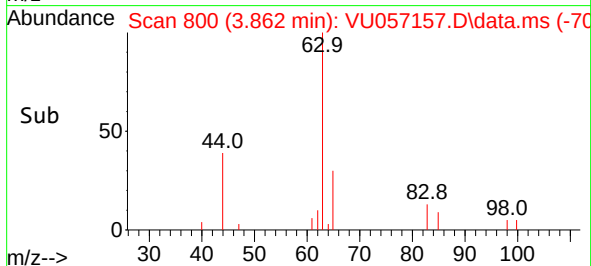
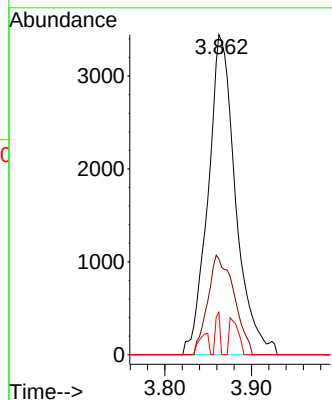
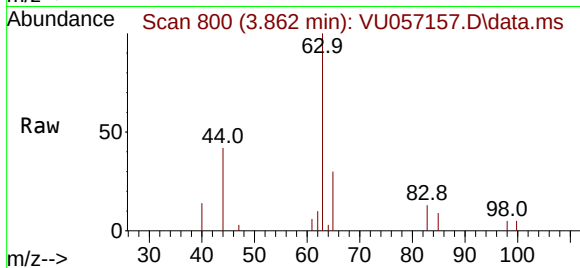
Tgt Ion: 63 Resp: 7622

Ion Ratio Lower Upper

63 100

65 29.9 21.6 40.2

83 13.2 10.2 19.0



#22

cis-1,2-Dichloroethene

Concen: 0.869 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.006 min

Lab File: VU057157.D

Acq: 22 Dec 2023 00:28

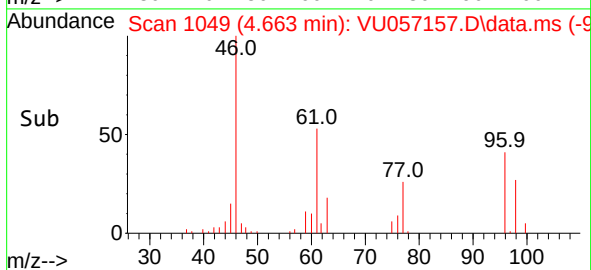
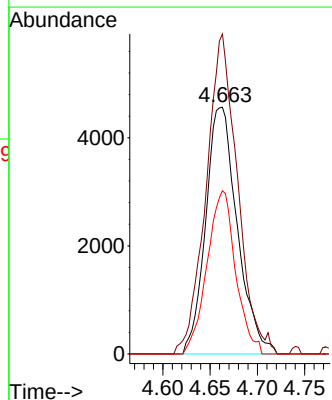
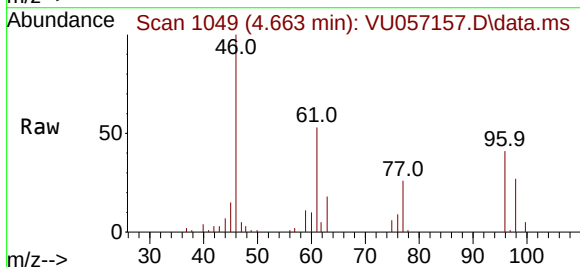
Tgt Ion: 96 Resp: 10624

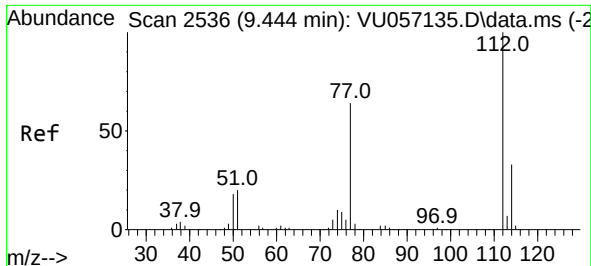
Ion Ratio Lower Upper

96 100

61 129.7 86.8 161.2

98 66.2 45.5 84.5

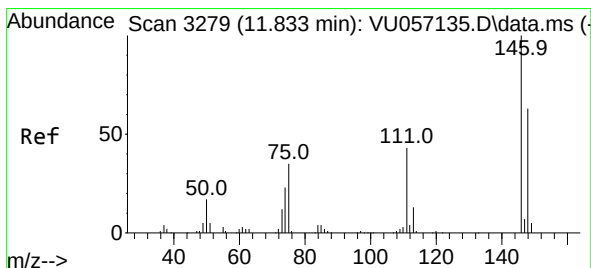
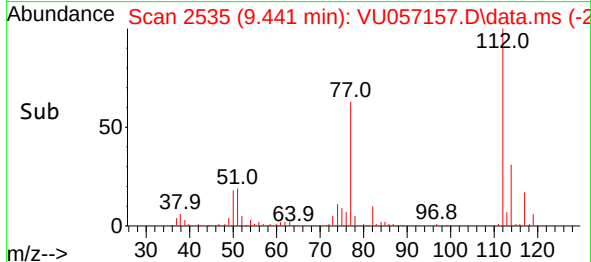
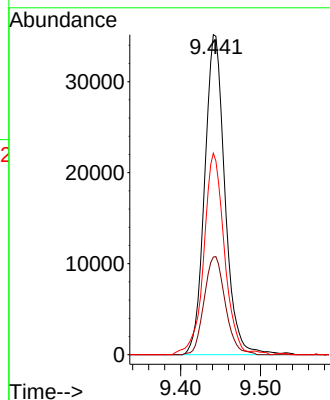
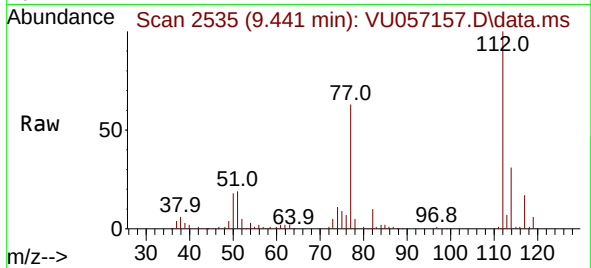




#51
Chlorobenzene
Concen: 1.902 ug/L
RT: 9.441 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057157.D
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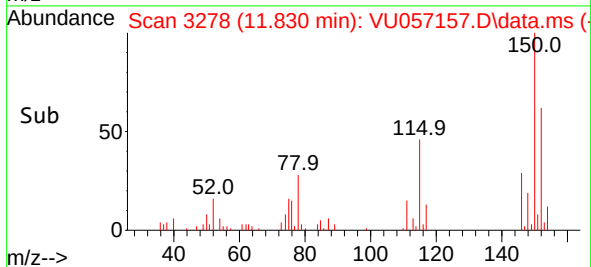
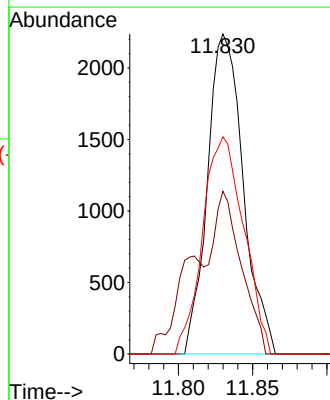
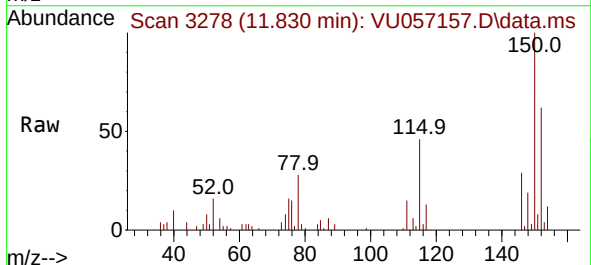
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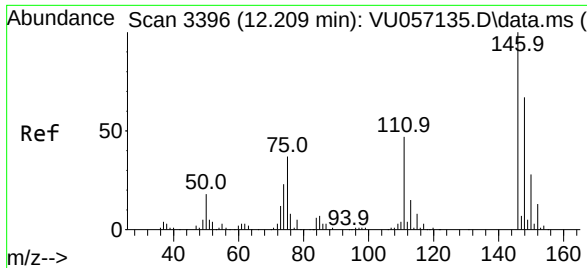
Tgt Ion:112 Resp: 62054
Ion Ratio Lower Upper
112 100
114 30.5 22.7 42.1
77 63.0 52.2 78.2



#65
1,4-Dichlorobenzene
Concen: 0.163 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.003 min
Lab File: VU057157.D
Acq: 22 Dec 2023 00:28

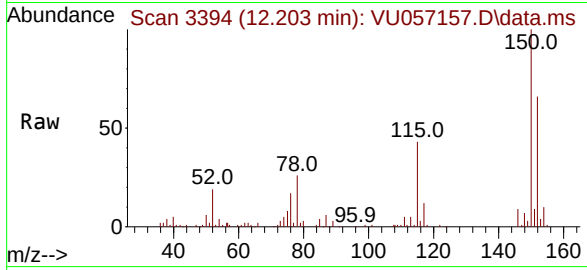
Tgt Ion:146 Resp: 3753
Ion Ratio Lower Upper
146 100
111 50.8 28.1 52.3
148 67.9 43.0 79.8





#67
 1,2-Dichlorobenzene
 Concen: 0.210 ug/L
 RT: 12.203 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VU057157.D
 Acq: 22 Dec 2023 00:28

Instrument :
 MSVOA_U
 ClientSampleId :
 BH3N5



Tgt Ion:146 Resp: 4292

Ion	Ratio	Lower	Upper
146	100		
111	52.3	37.9	56.9
148	73.7	50.1	75.1

