

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
 Data File : VU057156.D
 Acq On : 22 Dec 2023 00:04
 Operator : MD/SY
 Sample : 05894-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH3N4

Quant Time: Dec 22 00:24:13 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)

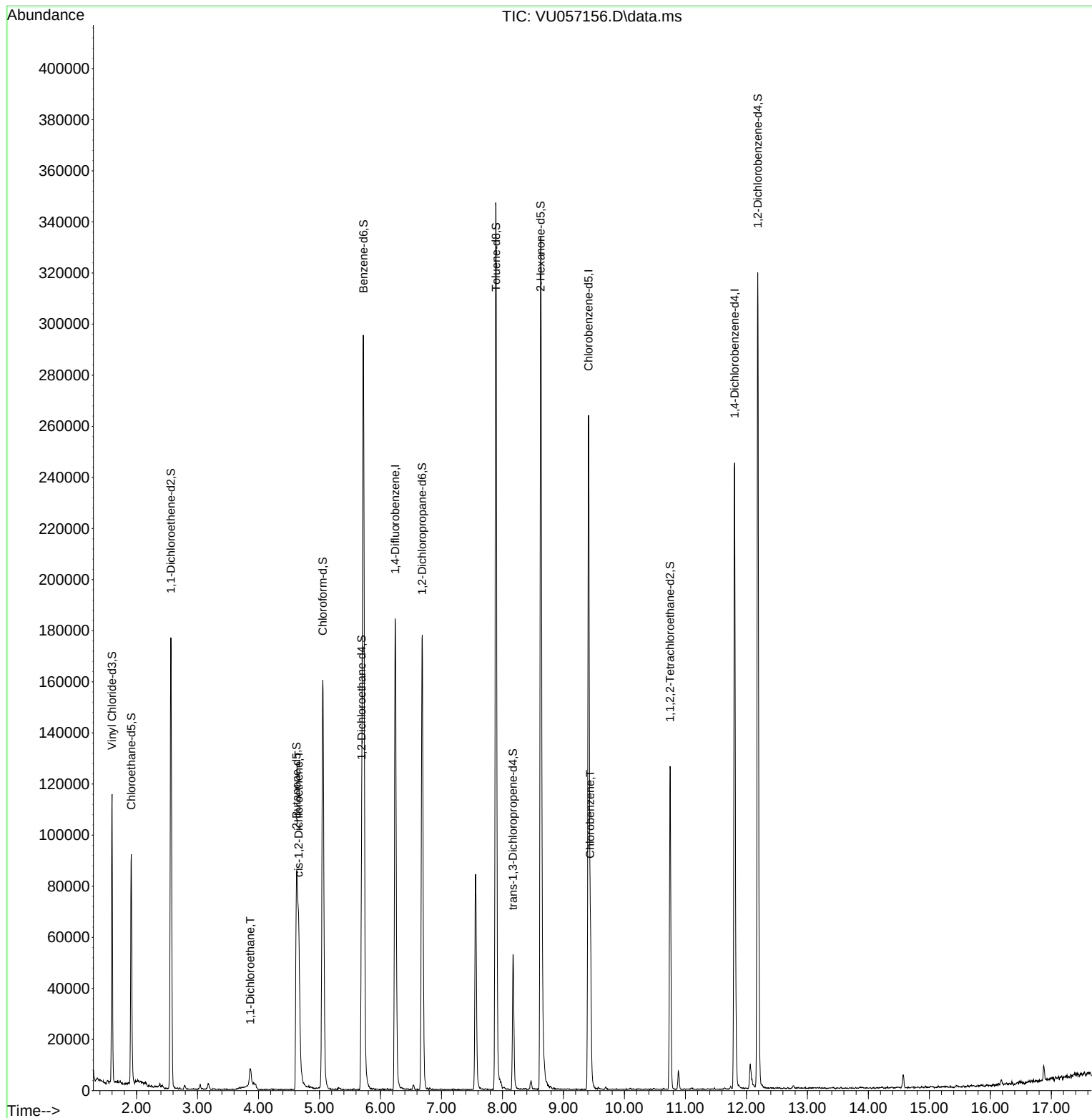
Internal Standards							
1) 1,4-Difluorobenzene		6.242	114	149364	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.412	117	148541	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.807	152	67416	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.599	65	80402	5.632	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.600%	
7) Chloroethane-d5		1.914	69	67196	5.718	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.400%	
11) 1,1-Dichloroethene-d2		2.563	65	33819	5.468	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.400%	
20) 2-Butanone-d5		4.624	46	135462	60.434	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.860%	
24) Chloroform-d		5.055	84	154301	5.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.000%	
26) 1,2-Dichloroethane-d4		5.692	65	76414	5.816	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.400%	
32) Benzene-d6		5.721	84	282115	5.537	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.800%	
36) 1,2-Dichloropropane-d6		6.682	67	81777	5.640	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.800%	
41) Toluene-d8		7.894	98	235947	5.073	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%	
43) trans-1,3-Dichloroprop...		8.174	79	31990	5.301	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.000%	
46) 2-Hexanone-d5		8.627	63	116995	56.936	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.880%	
56) 1,1,2,2-Tetrachloroeth...		10.749	84	59999	5.816	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.400%	
66) 1,2-Dichlorobenzene-d4		12.187	152	82607	5.694	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.800%	
Target Compounds							
19) 1,1-Dichloroethane		3.866	63	8218	0.380	ug/L	Qvalue 97
22) cis-1,2-Dichloroethene		4.660	96	20716	1.727	ug/L	98
51) Chlorobenzene		9.441	112	31179	0.960	ug/L	97

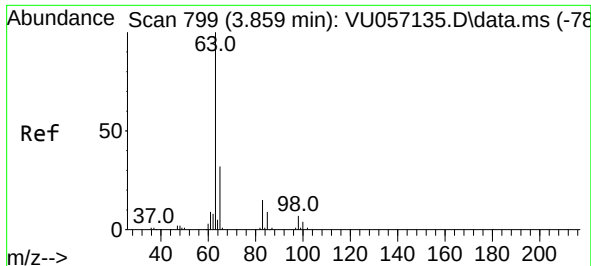
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 0.380 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.006 min

Lab File: VU057156.D

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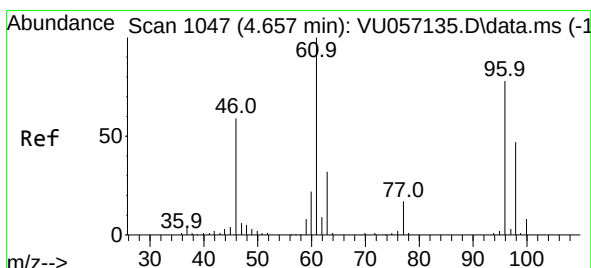
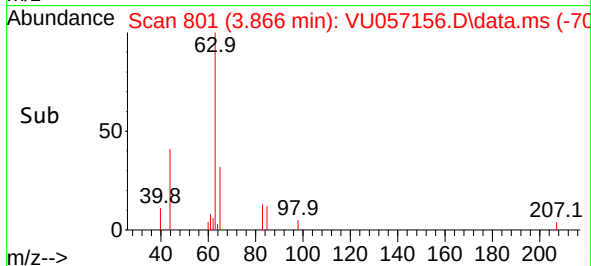
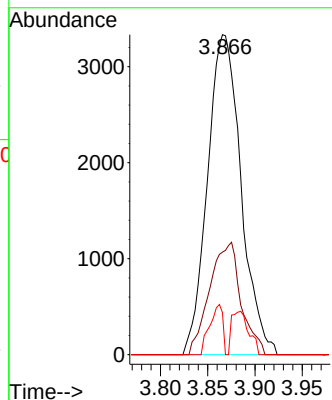
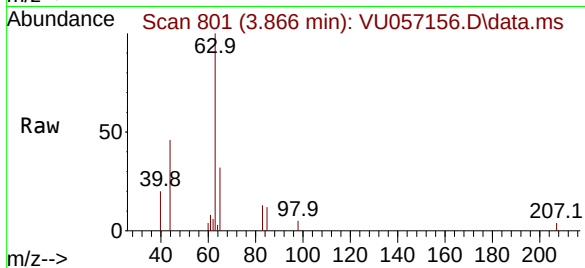
Tgt Ion: 63 Resp: 8218

Ion Ratio Lower Upper

63 100

65 32.1 21.6 40.2

83 13.2 10.2 19.0



#22

cis-1,2-Dichloroethene

Concen: 1.727 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

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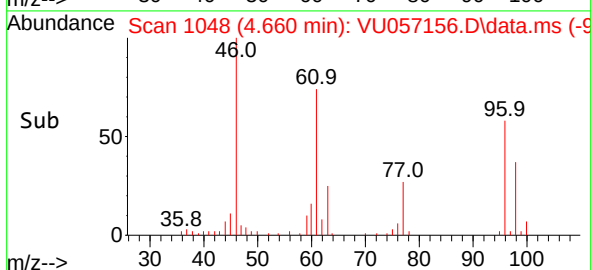
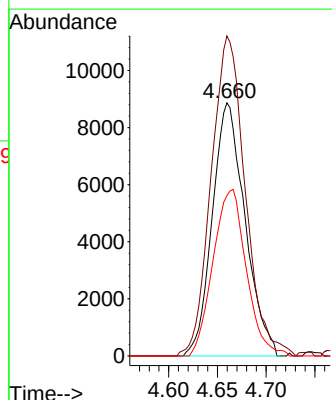
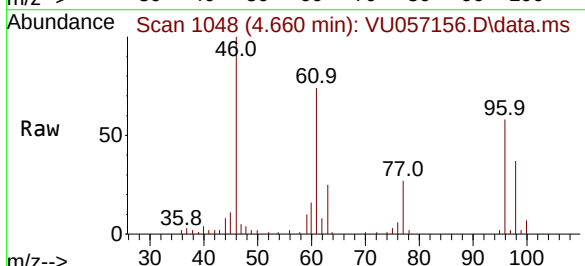
Tgt Ion: 96 Resp: 20716

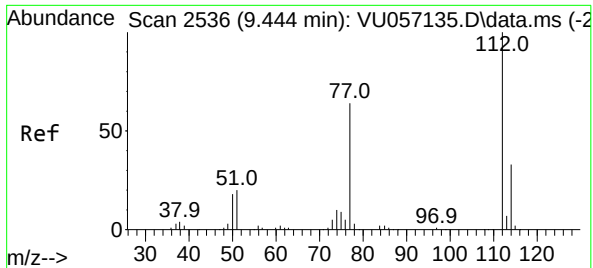
Ion Ratio Lower Upper

96 100

61 126.4 86.8 161.2

98 63.4 45.5 84.5





#51
 Chlorobenzene
 Concen: 0.960 ug/L
 RT: 9.441 min Scan# 21
 Delta R.T. -0.003 min
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Tgt Ion:112	Resp:	31179
Ion	Ratio	Lower Upper
112	100	
114	34.8	22.7 42.1
77	63.4	52.2 78.2

