

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
 Data File : VU057162.D
 Acq On : 22 Dec 2023 02:53
 Operator : MD/SY
 Sample : 05912-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH3L3

Quant Time: Dec 22 07:02:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 22 01:33:10 2023
 Response via : Initial Calibration

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

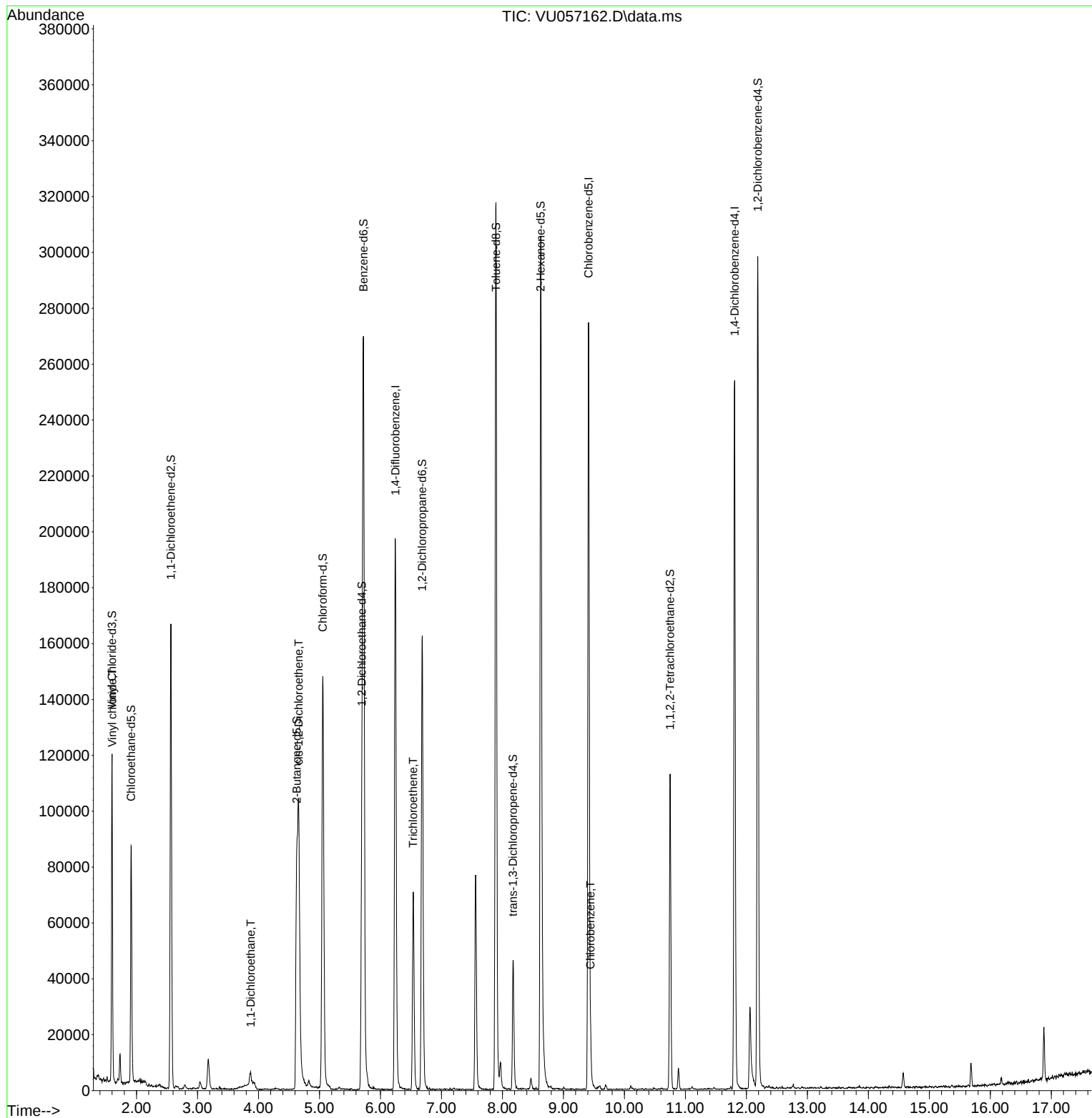
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	159804	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	155672	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	67328	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	72335	4.736	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.800%	
7) Chloroethane-d5	1.911	69	65091	5.177	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.600%	
11) 1,1-Dichloroethene-d2	2.563	65	31131	4.704	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.000%	
20) 2-Butanone-d5	4.628	46	129785	54.119	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.240%	
24) Chloroform-d	5.055	84	142072	4.817	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.400%	
26) 1,2-Dichloroethane-d4	5.695	65	71890	5.114	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.200%	
32) Benzene-d6	5.721	84	260923	4.887	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.800%	
36) 1,2-Dichloropropane-d6	6.685	67	75919	4.997	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.000%	
41) Toluene-d8	7.894	98	217044	4.452	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.000%	
43) trans-1,3-Dichloroprop...	8.174	79	27979	4.424	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.400%	
46) 2-Hexanone-d5	8.627	63	104441	48.498	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.000%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	54089	5.003	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.000%	
66) 1,2-Dichlorobenzene-d4	12.187	152	76427	5.275	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.600%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	10687	0.765	ug/L	89
19) 1,1-Dichloroethane	3.872	63	5083	0.220	ug/L #	76
22) cis-1,2-Dichloroethene	4.660	96	37983	2.960	ug/L	97
34) Trichloroethene	6.537	95	24759	1.716	ug/L	98
51) Chlorobenzene	9.444	112	6984	0.205	ug/L #	91

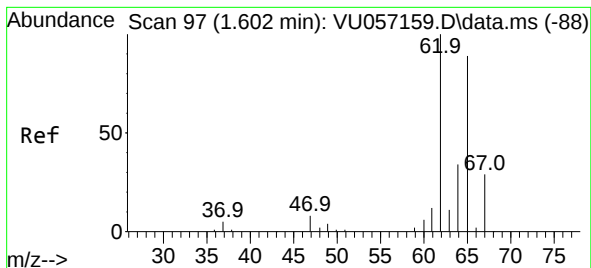
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.765 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU057162.D

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MSVOA_U

ClientSampleId :

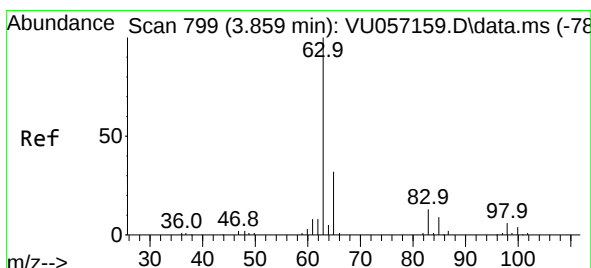
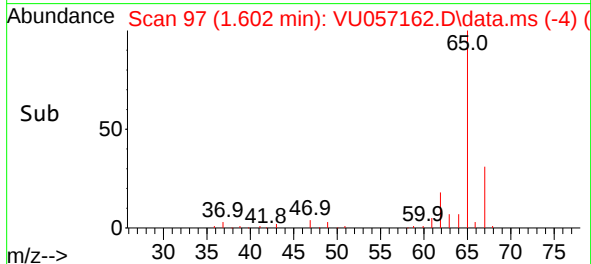
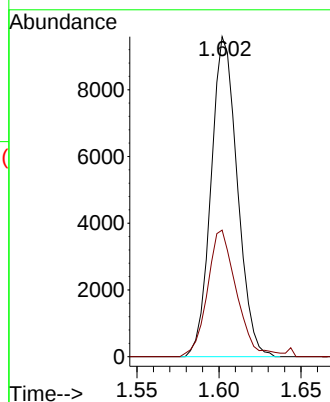
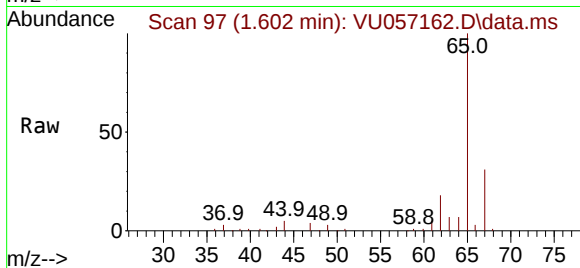
BH3L3

Tgt Ion: 62 Resp: 10687

Ion Ratio Lower Upper

62 100

64 39.6 23.3 43.3



#19

1,1-Dichloroethane

Concen: 0.220 ug/L

RT: 3.872 min Scan# 803

Delta R.T. 0.013 min

Lab File: VU057162.D

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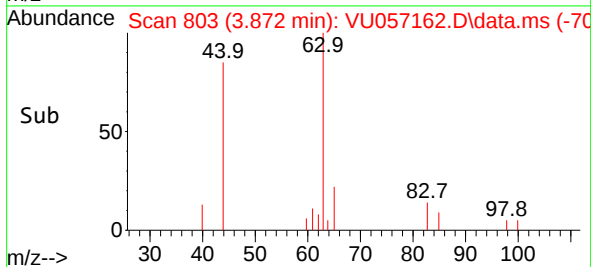
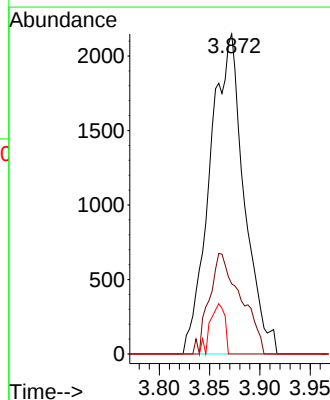
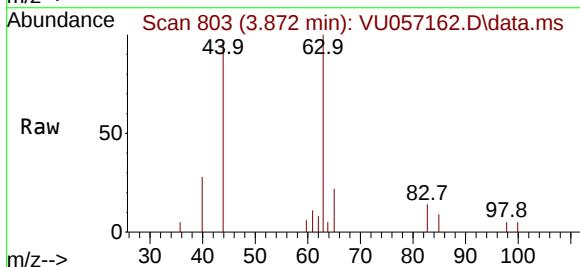
Tgt Ion: 63 Resp: 5083

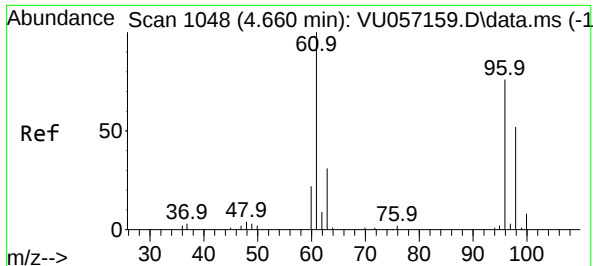
Ion Ratio Lower Upper

63 100

65 20.9 21.6 40.2#

83 0.0 10.2 19.0#





#22

cis-1,2-Dichloroethene

Concen: 2.960 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.000 min

Lab File: VU057162.D

Acq: 22 Dec 2023 02:53

Instrument :

MSVOA_U

ClientSampleId :

BH3L3

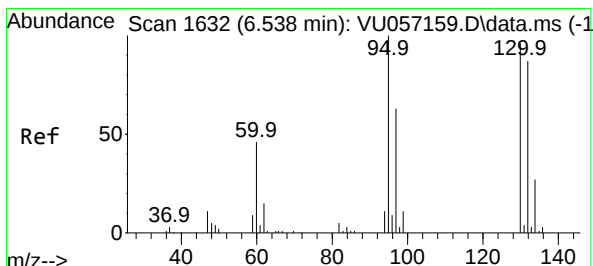
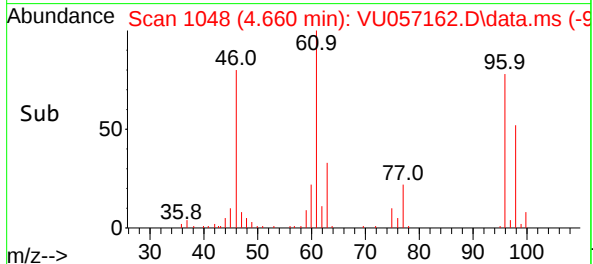
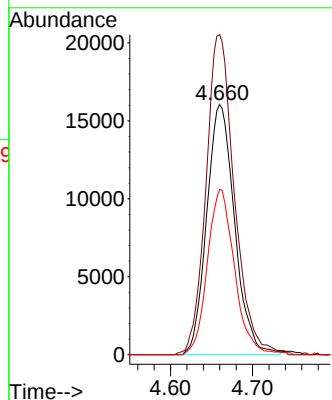
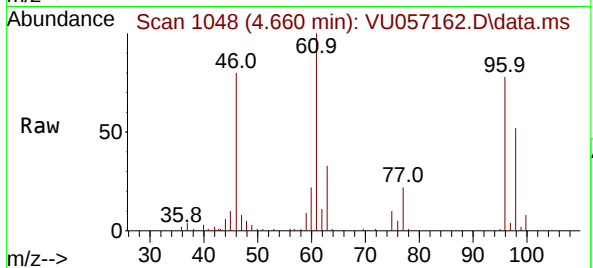
Tgt Ion: 96 Resp: 37983

Ion Ratio Lower Upper

96 100

61 127.9 86.8 161.2

98 66.0 45.5 84.5



#34

Trichloroethene

Concen: 1.716 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VU057162.D

Acq: 22 Dec 2023 02:53

Tgt Ion: 95 Resp: 24759

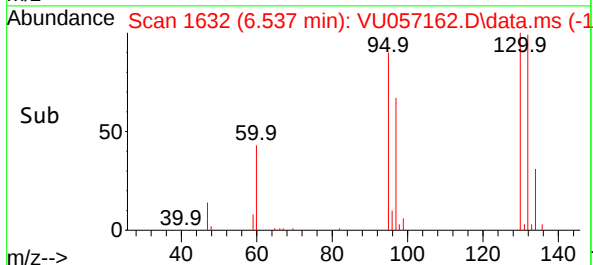
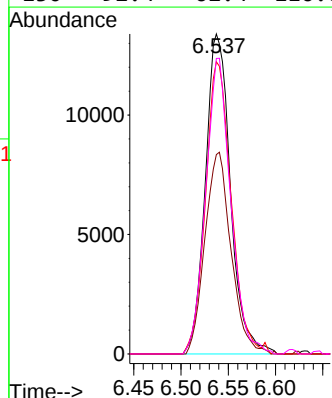
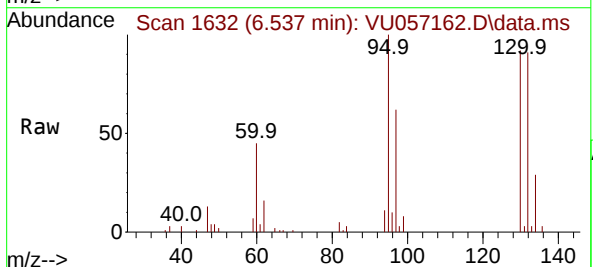
Ion Ratio Lower Upper

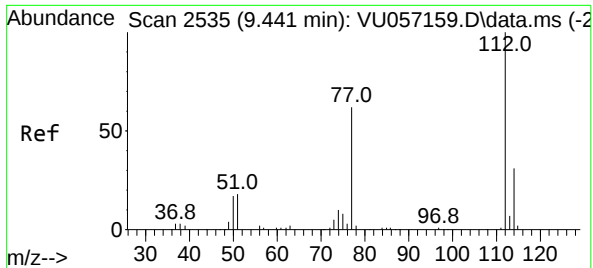
95 100

97 62.3 44.3 82.3

132 91.3 62.6 116.2

130 92.4 62.4 116.0





#51
 Chlorobenzene
 Concen: 0.205 ug/L
 RT: 9.444 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU057162.D
 Acq: 22 Dec 2023 02:53

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:	112	Resp:	6984
Ion	Ratio	Lower	Upper
112	100		
114	43.5	22.7	42.1#
77	68.5	52.2	78.2

