

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055147.D
 Acq On : 06 Sep 2023 17:58
 Operator : MD/SY
 Sample : 04230-17DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4B4DL

Quant Time: Sep 06 20:42:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

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

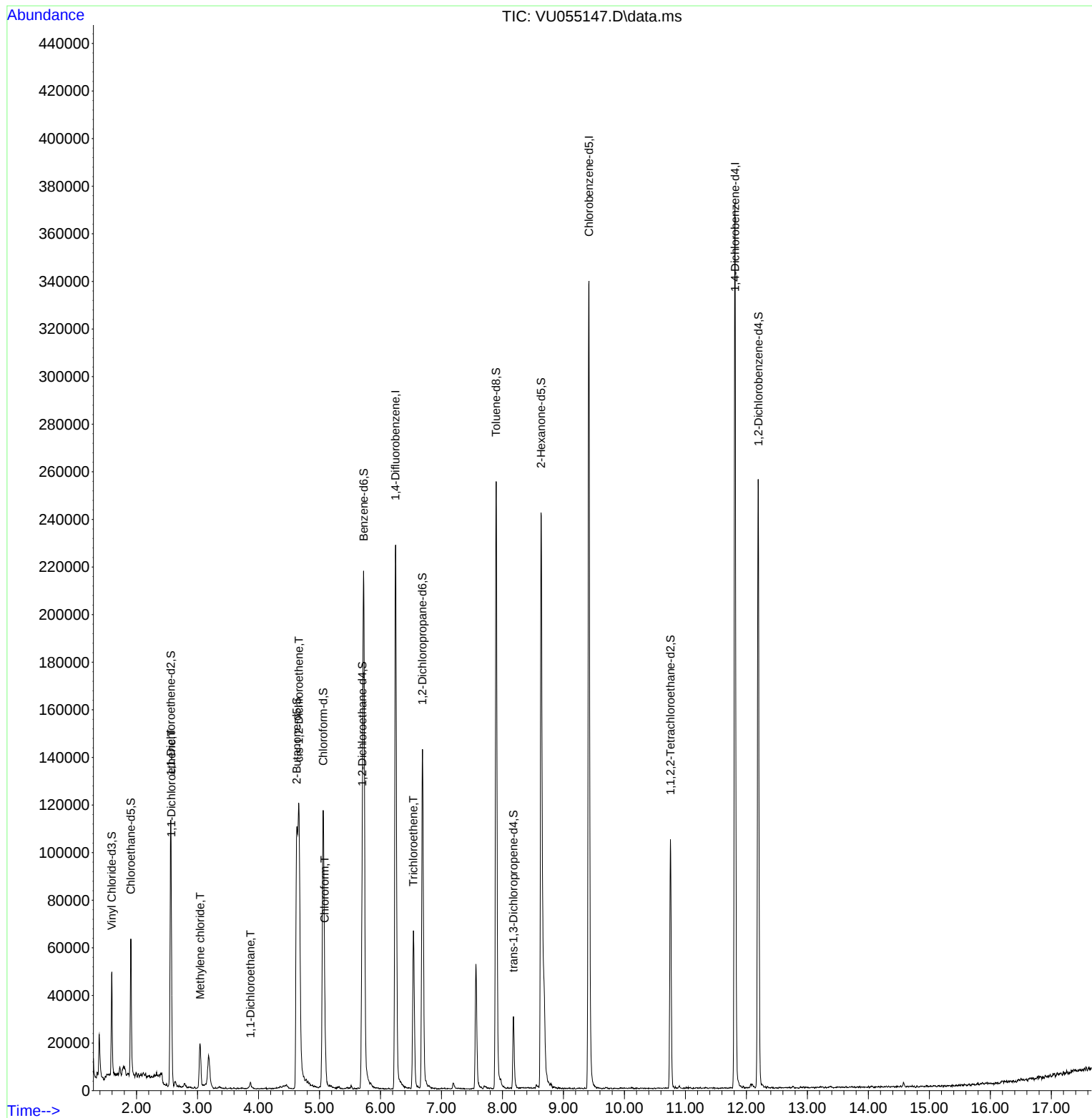
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	182050	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	186562	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	92991	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	29757	3.488	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.800%
7) Chloroethane-d5	1.907	69	39523	4.002	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.563	65	20085	4.131	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	4.628	46	133370	53.865	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.720%
24) Chloroform-d	5.062	84	103485	4.571	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.701	65	54247	4.789	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.727	84	197742	4.294	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.689	67	68258	4.660	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.897	98	171473	4.042	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.180	79	17215	4.268	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.634	63	75289	45.976	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.960%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	51561	5.005	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.196	152	65033	4.791	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	4750	0.564	ug/L	# 1
16) Methylene chloride	3.042	84	8403	0.653	ug/L	92
19) 1,1-Dichloroethane	3.869	63	3199	0.173	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	47440	4.538	ug/L	99
25) Chloroform	5.084	83	14015	0.729	ug/L	91
34) Trichloroethene	6.541	95	22628	2.051	ug/L	91

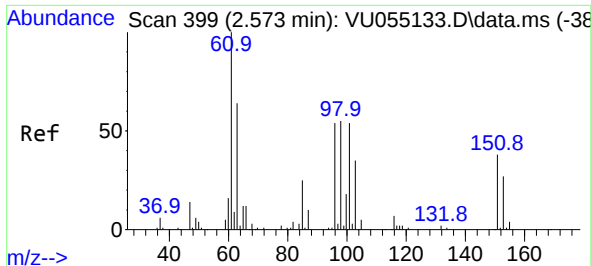
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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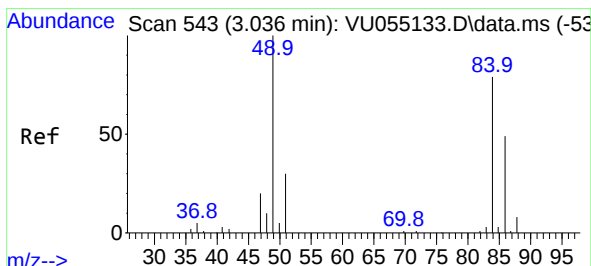
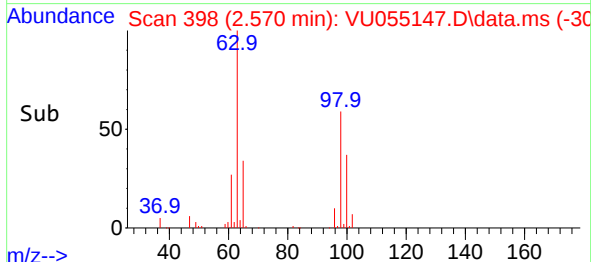
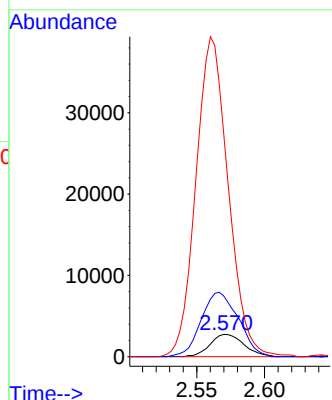
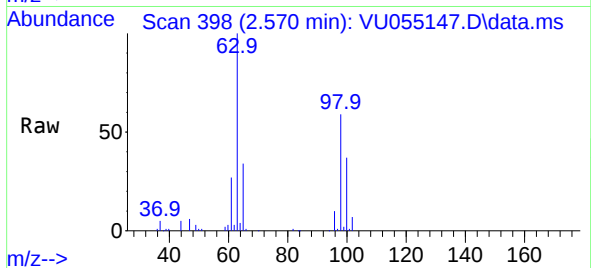




#12
1,1-Dichloroethene
Concen: 0.564 ug/L
RT: 2.570 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU055147.D
Acq: 06 Sep 2023 17:58

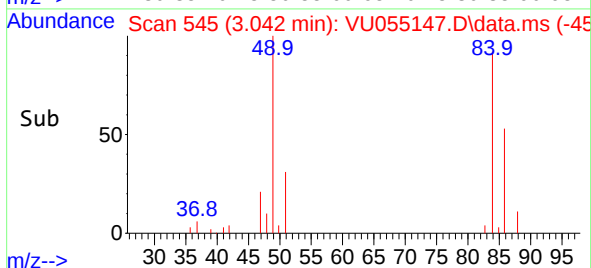
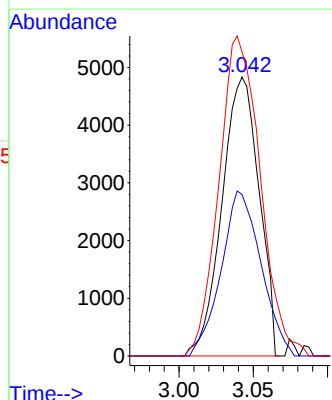
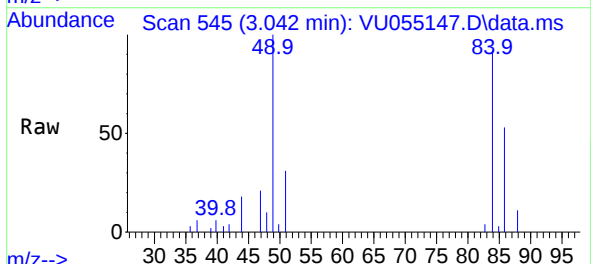
Instrument :
MSVOA_U
ClientSampleId :
BH4B4DL

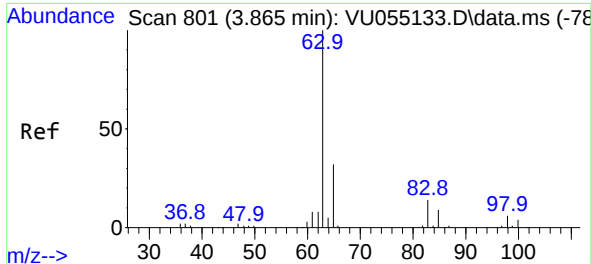
Tgt Ion: 96 Resp: 4750
Ion Ratio Lower Upper
96 100
61 274.5 120.8 224.4#
63 1012.8 94.5 175.5#



#16
Methylene chloride
Concen: 0.653 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU055147.D
Acq: 06 Sep 2023 17:58

Tgt Ion: 84 Resp: 8403
Ion Ratio Lower Upper
84 100
86 58.0 43.4 80.6
49 113.9 87.7 162.9





#19

1,1-Dichloroethane

Concen: 0.173 ug/L

RT: 3.869 min Scan# 801

Delta R.T. 0.003 min

Lab File: VU055147.D

Acq: 06 Sep 2023 17:58

Instrument :

MSVOA_U

ClientSampleId :

BH4B4DL

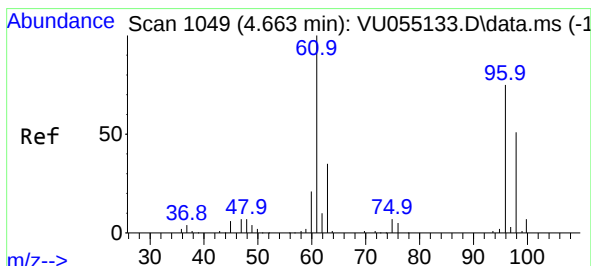
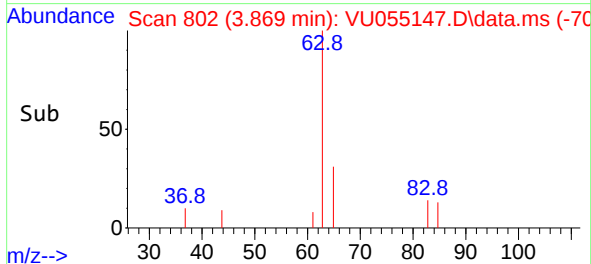
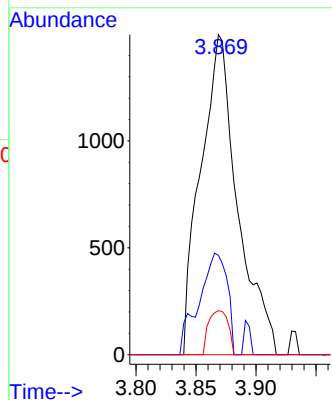
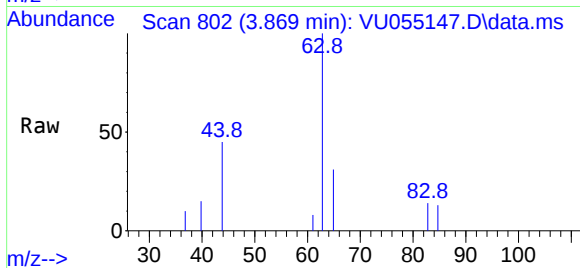
Tgt Ion: 63 Resp: 3199

Ion Ratio Lower Upper

63 100

65 31.1 22.2 41.2

83 13.8 10.6 19.8



#22

cis-1,2-Dichloroethene

Concen: 4.538 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU055147.D

Acq: 06 Sep 2023 17:58

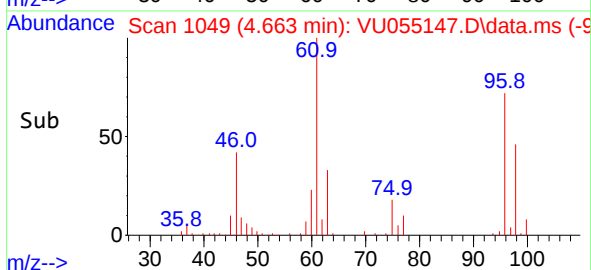
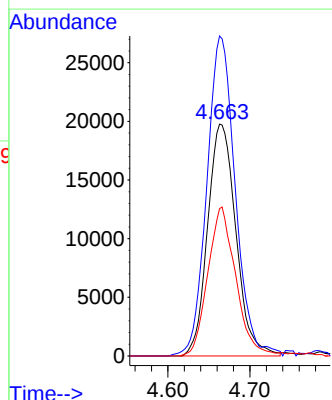
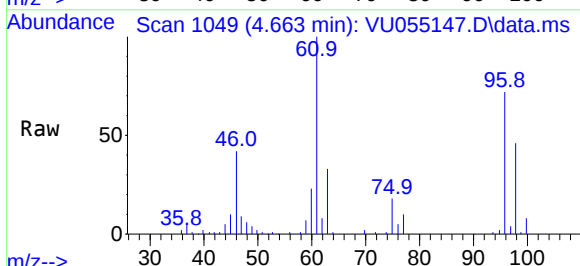
Tgt Ion: 96 Resp: 47440

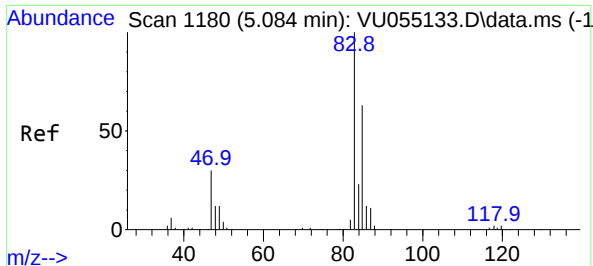
Ion Ratio Lower Upper

96 100

61 138.1 97.2 180.4

98 63.6 46.1 85.7

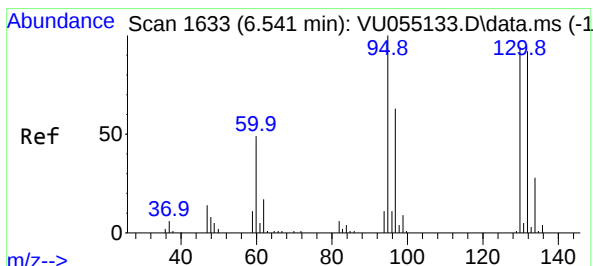
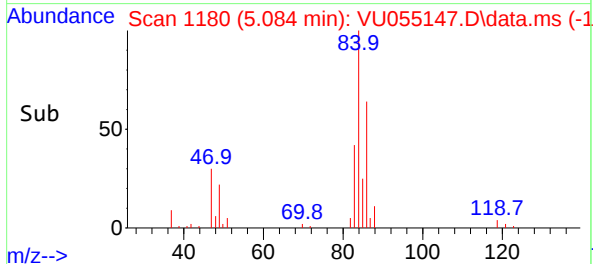
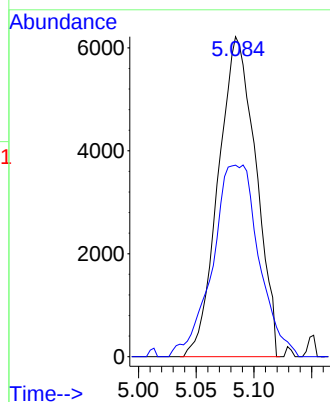
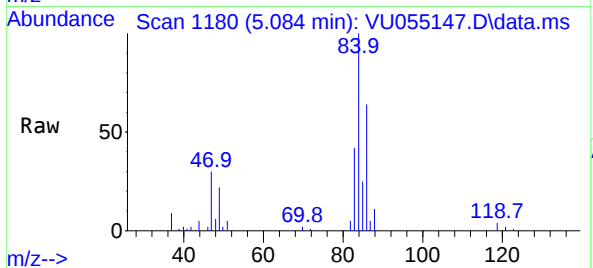




#25
Chloroform
Concen: 0.729 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. -0.003 min
Lab File: VU055147.D
Acq: 06 Sep 2023 17:58

Instrument :
MSVOA_U
ClientSampleId :
BH4B4DL

Tgt Ion: 83 Resp: 14015
Ion Ratio Lower Upper
83 100
85 59.9 47.2 87.6



#34
Trichloroethene
Concen: 2.051 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VU055147.D
Acq: 06 Sep 2023 17:58

Tgt Ion: 95 Resp: 22628
Ion Ratio Lower Upper
95 100
97 58.3 44.7 83.1
132 83.1 66.6 123.6
130 88.0 66.5 123.5

