

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055141.D
 Acq On : 06 Sep 2023 15:32
 Operator : MD/SY
 Sample : 04267-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

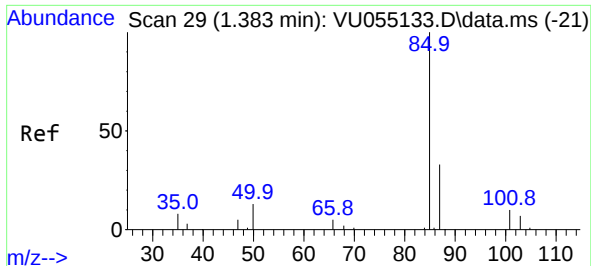
Instrument :
 MSVOA_U
 ClientSampleId :
 BH4D3

Quant Time: Sep 06 20:41:29 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	168493	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	174459	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	87551	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	32497	4.115	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.907	69	40630	4.445	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.560	65	20534	4.564	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.200%
20) 2-Butanone-d5	4.624	46	128727	56.173	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.340%
24) Chloroform-d	5.062	84	104835	5.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.702	65	54911	5.238	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.727	84	200043	4.645	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.689	67	68094	4.972	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.898	98	173368	4.370	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	8.181	79	17059	4.523	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.634	63	75294	49.169	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.340%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	50834	5.277	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	64072	5.014	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
2) Dichlorodifluoromethane	1.383	85	1490	0.152	ug/L #	87
12) 1,1-Dichloroethene	2.573	96	6860	0.881	ug/L #	1
17) Methyl tert-butyl Ether	3.370	73	3818	0.187	ug/L #	64
19) 1,1-Dichloroethane	3.872	63	6455	0.378	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	110662	11.439	ug/L	95
25) Chloroform	5.087	83	31848	1.790	ug/L	98
34) Trichloroethene	6.541	95	130285	12.626	ug/L	97
47) Tetrachloroethene	8.557	164	2467	0.346	ug/L	88

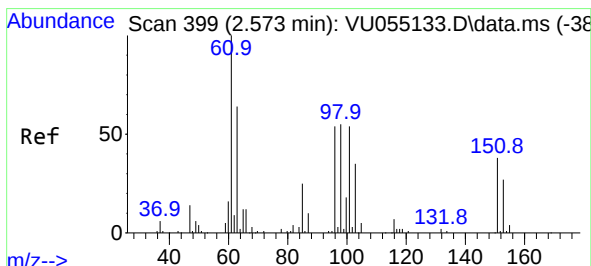
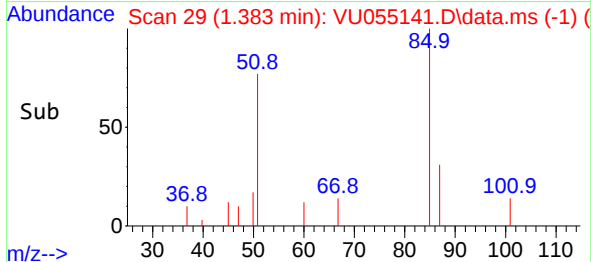
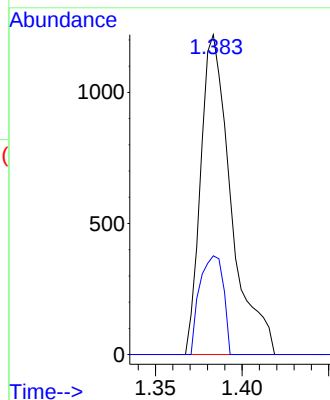
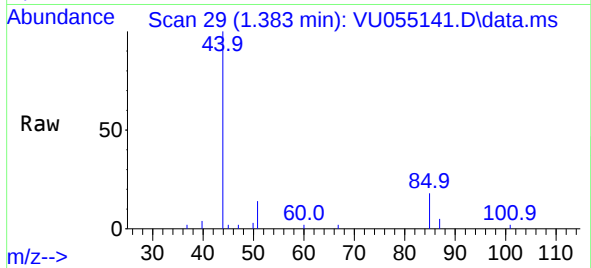
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 0.152 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU055141.D
Acq: 06 Sep 2023 15:32

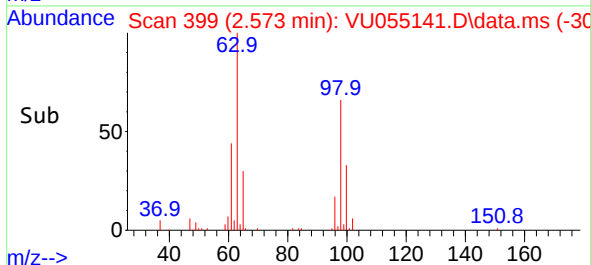
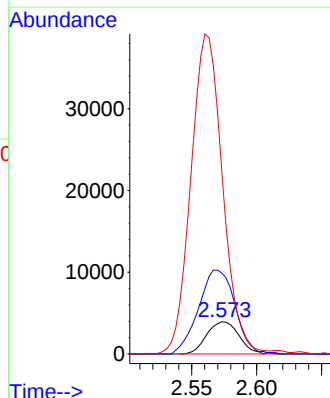
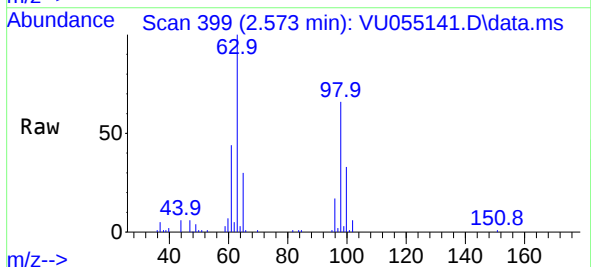
Instrument :
MSVOA_U
ClientSampleId :
BH4D3

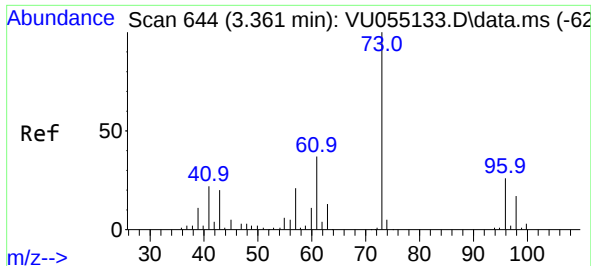
Tgt Ion: 85 Resp: 1490
Ion Ratio Lower Upper
85 100
87 24.0 25.1 37.7#



#12
1,1-Dichloroethene
Concen: 0.881 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU055141.D
Acq: 06 Sep 2023 15:32

Tgt Ion: 96 Resp: 6860
Ion Ratio Lower Upper
96 100
61 252.8 120.8 224.4#
63 576.3 94.5 175.5#





#17

Methyl tert-butyl Ether

Concen: 0.187 ug/L

RT: 3.370 min Scan# 64

Delta R.T. 0.007 min

Lab File: VU055141.D

Acq: 06 Sep 2023 15:32

Instrument :

MSVOA_U

ClientSampleId :

BH4D3

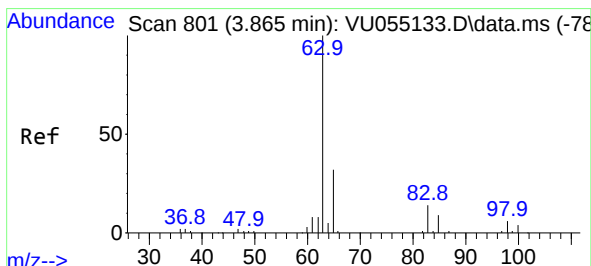
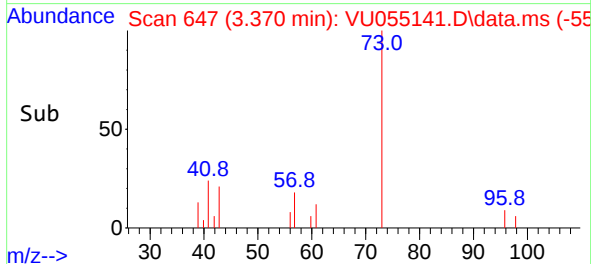
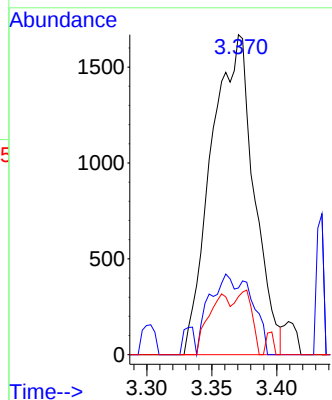
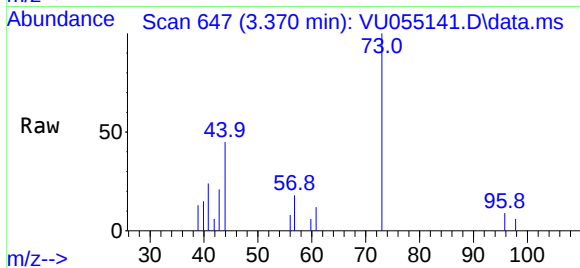
Tgt Ion: 73 Resp: 3818

Ion Ratio Lower Upper

73 100

43 0.0 16.2 24.2#

57 8.2 17.4 26.2#



#19

1,1-Dichloroethane

Concen: 0.378 ug/L

RT: 3.872 min Scan# 803

Delta R.T. 0.007 min

Lab File: VU055141.D

Acq: 06 Sep 2023 15:32

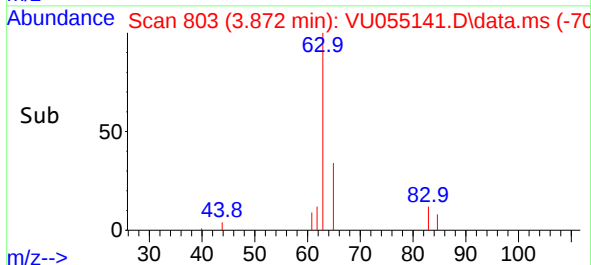
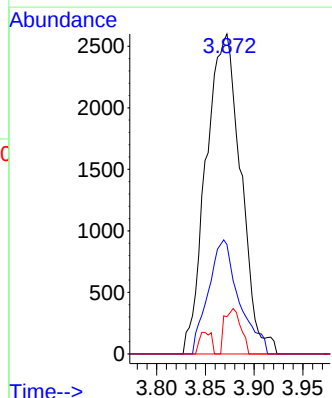
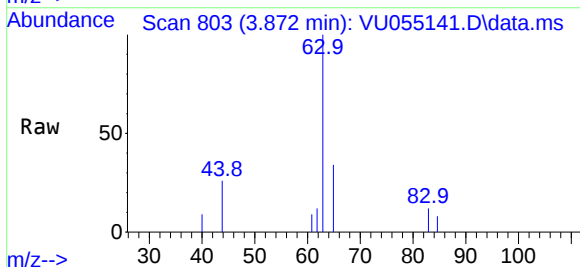
Tgt Ion: 63 Resp: 6455

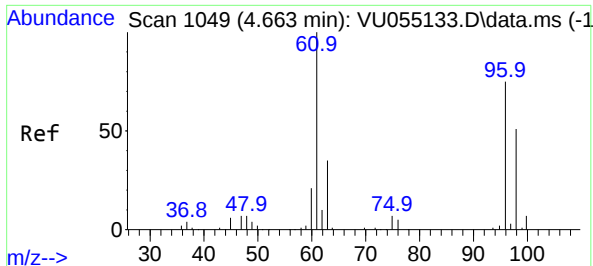
Ion Ratio Lower Upper

63 100

65 34.2 22.2 41.2

83 11.7 10.6 19.8

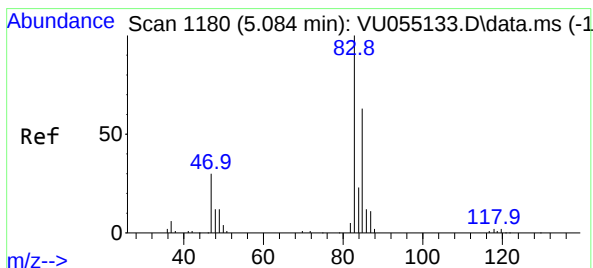
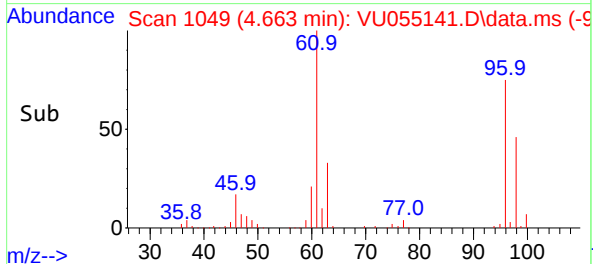
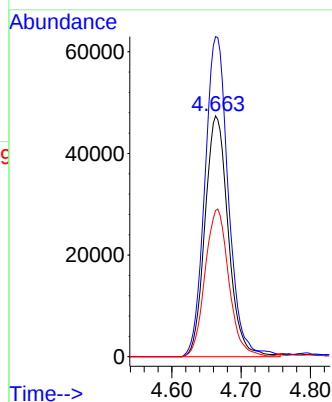
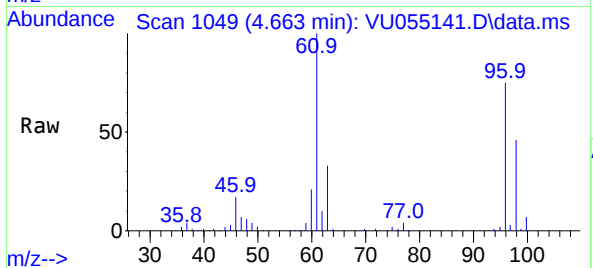




#22
cis-1,2-Dichloroethene
Concen: 11.439 ug/L
RT: 4.663 min Scan# 110662
Delta R.T. 0.000 min
Lab File: VU055141.D
Acq: 06 Sep 2023 15:32

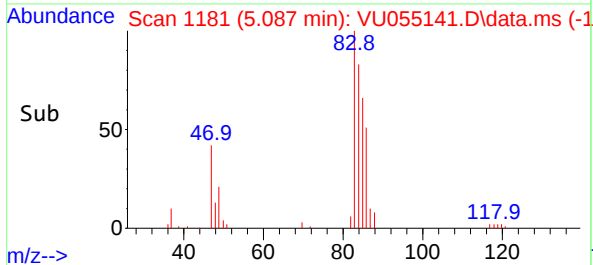
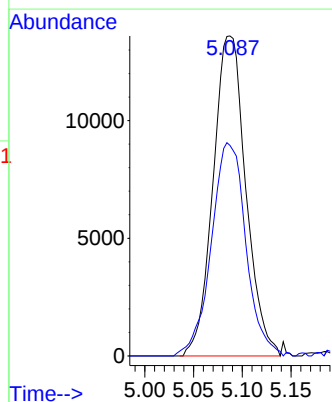
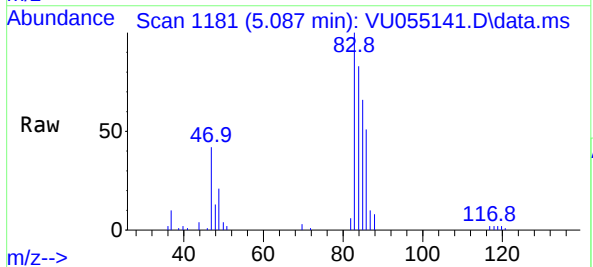
Instrument :
MSVOA_U
ClientSampleId :
BH4D3

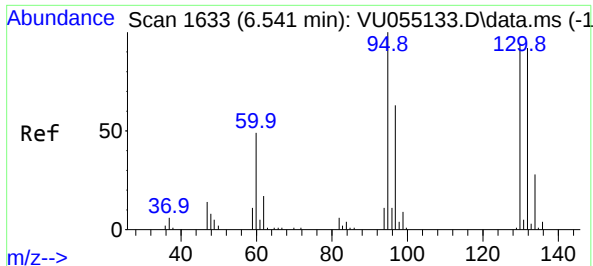
Tgt Ion: 96 Resp: 110662
Ion Ratio Lower Upper
96 100
61 132.9 97.2 180.4
98 60.7 46.1 85.7



#25
Chloroform
Concen: 1.790 ug/L
RT: 5.087 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VU055141.D
Acq: 06 Sep 2023 15:32

Tgt Ion: 83 Resp: 31848
Ion Ratio Lower Upper
83 100
85 65.8 47.2 87.6



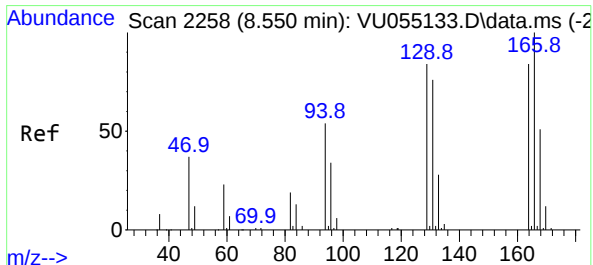
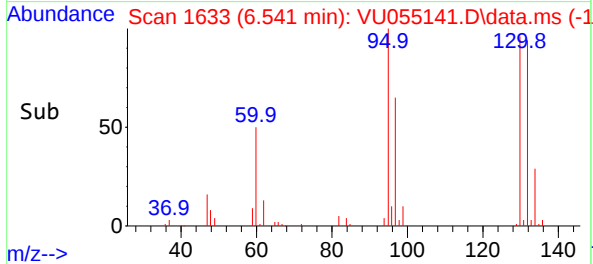
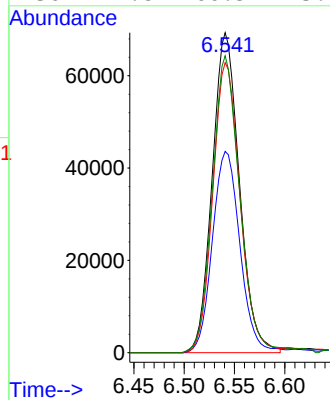
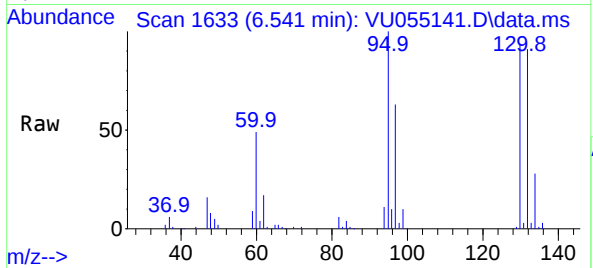


#34
Trichloroethene
Concen: 12.626 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055141.D
Acq: 06 Sep 2023 15:32

Instrument :
MSVOA_U
ClientSampleId :
BH4D3

Tgt Ion: 95 Resp: 130285

Ion	Ratio	Lower	Upper
95	100		
97	62.9	44.7	83.1
132	90.6	66.6	123.6
130	92.8	66.5	123.5



#47
Tetrachloroethene
Concen: 0.346 ug/L
RT: 8.557 min Scan# 2260
Delta R.T. 0.003 min
Lab File: VU055141.D
Acq: 06 Sep 2023 15:32

Tgt Ion: 164 Resp: 2467

Ion	Ratio	Lower	Upper
164	100		
129	102.3	69.2	128.6
131	103.8	68.8	127.8
166	158.5	92.3	171.5

