

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011222\
 Data File : VU046742.D
 Acq On : 12 Jan 2022 15:07
 Operator : SY/MD
 Sample : N1077-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXW3

Quant Time: Jan 13 01:01:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 10 00:25:50 2022
 Response via : Initial Calibration

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

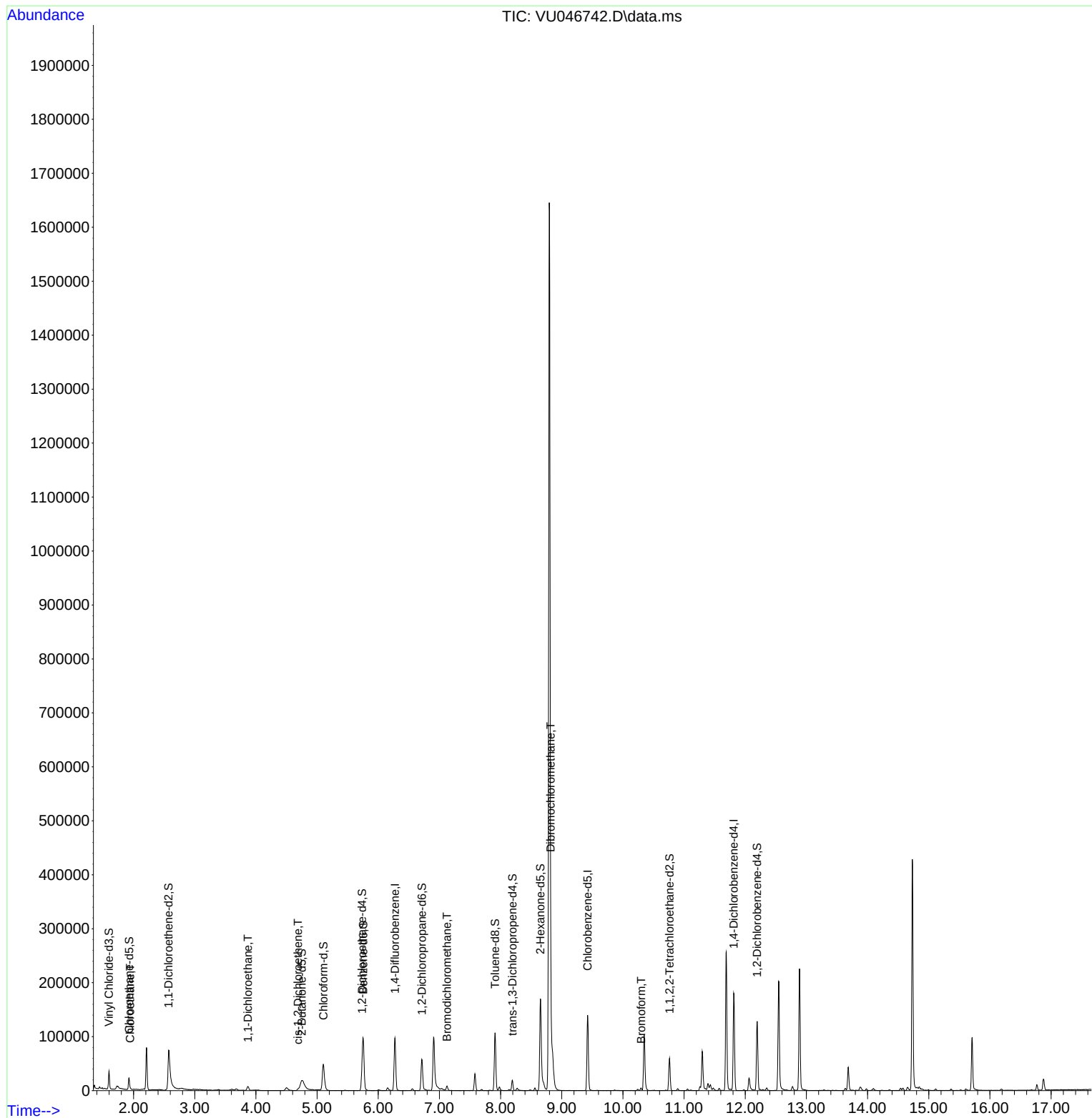
Internal Standards						
1) 1,4-Difluorobenzene	6.272	114	79127	5.000	ug/L	0.02
28) Chlorobenzene-d5	9.423	117	80673	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	47743	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	19057	3.058	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.200%
7) Chloroethane-d5	1.925	69	16673	3.397	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.000%
11) 1,1-Dichloroethene-d2	2.571	65	8635	3.286	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.800%
20) 2-Butanone-d5	4.751	46	61060	33.775	ug/L	0.10
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.540%
24) Chloroform-d	5.102	84	45704	4.002	ug/L	0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
26) 1,2-Dichloroethane-d4	5.735	65	26218	4.016	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
32) Benzene-d6	5.755	84	84857	3.773	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.400%
36) 1,2-Dichloropropane-d6	6.713	67	27830	4.118	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.400%
41) Toluene-d8	7.909	98	72059	3.530	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.600%
43) trans-1,3-Dichloroprop...	8.192	79	11520	3.686	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.800%
46) 2-Hexanone-d5	8.652	63	73901	40.274	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.540%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	29669	4.278	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	33792	3.842	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.800%#
Target Compounds						
					Qvalue	
8) Chloroethane	1.945	64	872	0.145	ug/L	97
19) 1,1-Dichloroethane	3.870	63	8412	0.615	ug/L	93
22) cis-1,2-Dichloroethene	4.687	96	1556	0.192	ug/L	87
38) Bromodichloromethane	7.124	83	5898	0.521	ug/L #	98
49) Dibromochloromethane	8.819	129	5702	0.701	ug/L	97
59) Bromoform	10.298	173	2365	0.429	ug/L #	87

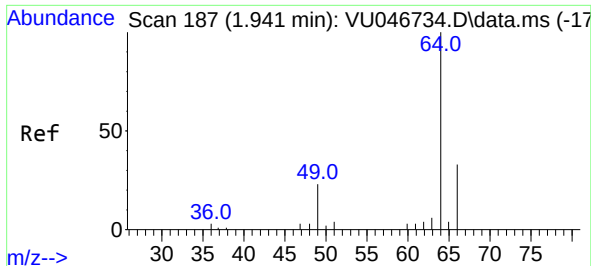
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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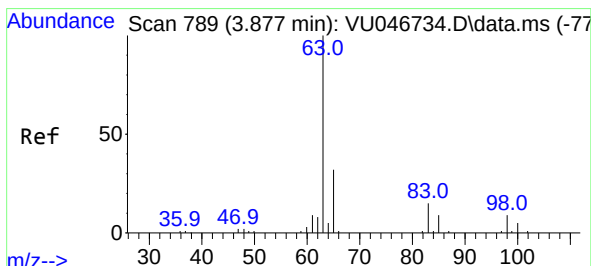
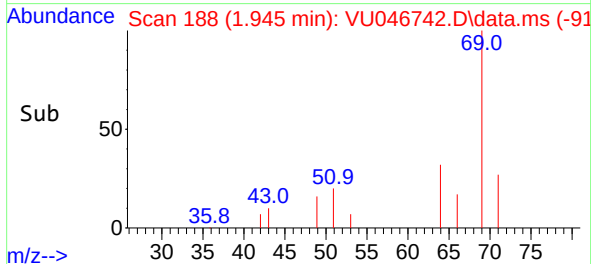
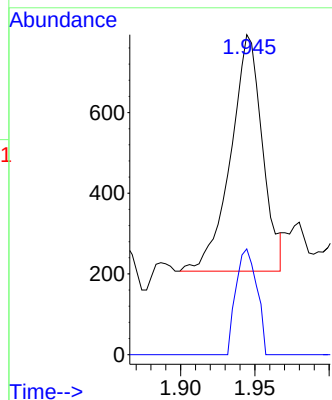
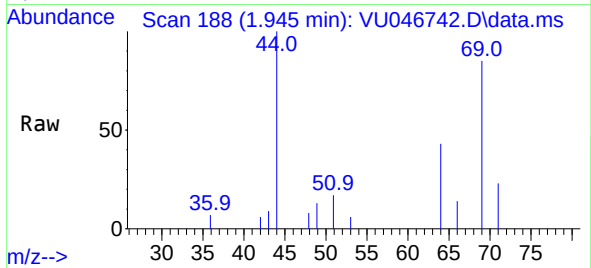




#8
Chloroethane
Concen: 0.145 ug/L
RT: 1.945 min Scan# 11
Delta R.T. 0.013 min
Lab File: VU046742.D
Acq: 12 Jan 2022 15:07

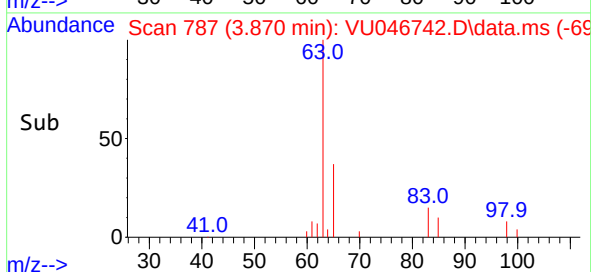
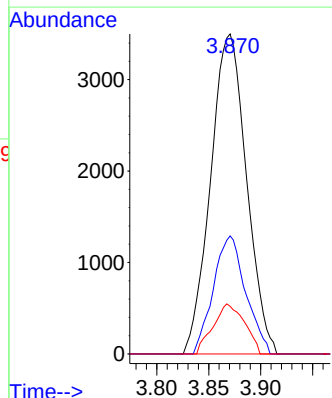
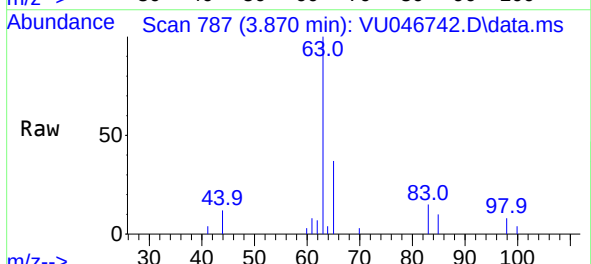
Instrument :
MSVOA_U
ClientSampleId :
BFXW3

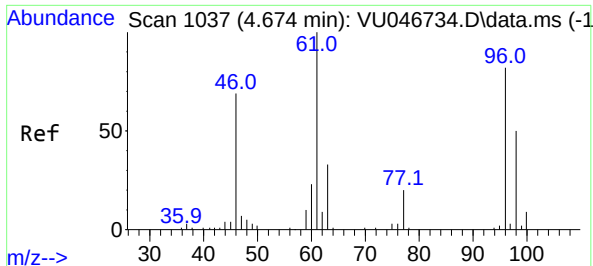
Tgt Ion: 64 Resp: 872
Ion Ratio Lower Upper
64 100
66 33.0 22.1 41.1



#19
1,1-Dichloroethane
Concen: 0.615 ug/L
RT: 3.870 min Scan# 787
Delta R.T. 0.003 min
Lab File: VU046742.D
Acq: 12 Jan 2022 15:07

Tgt Ion: 63 Resp: 8412
Ion Ratio Lower Upper
63 100
65 36.9 22.3 41.5
83 14.9 9.6 17.8



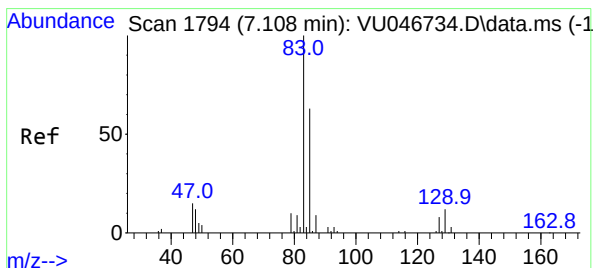
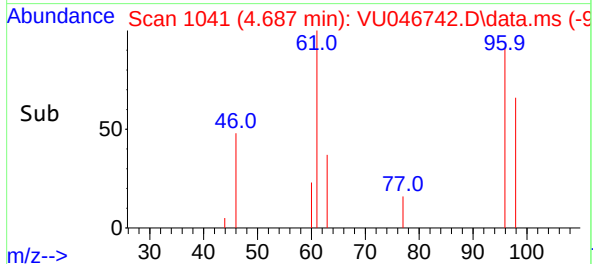
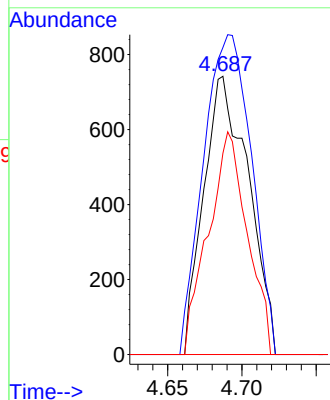
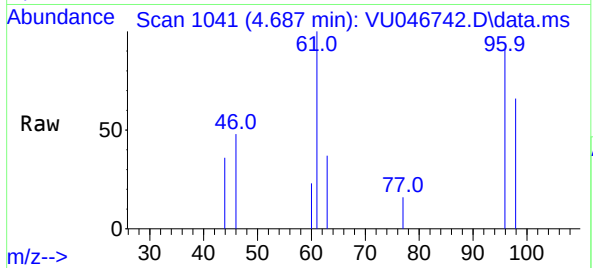


#22
 cis-1,2-Dichloroethene
 Concen: 0.192 ug/L
 RT: 4.687 min Scan# 1041
 Delta R.T. 0.022 min
 Lab File: VU046742.D
 Acq: 12 Jan 2022 15:07

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXW3

Tgt Ion: 96 Resp: 1556

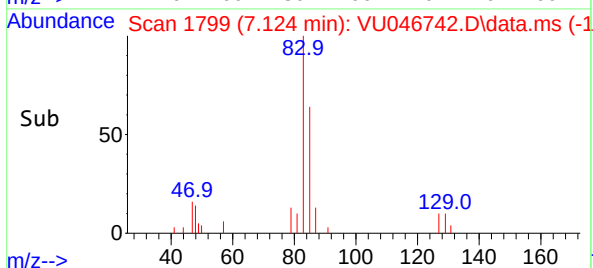
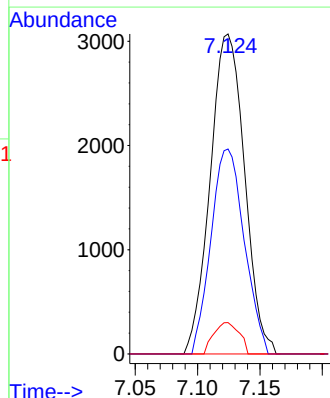
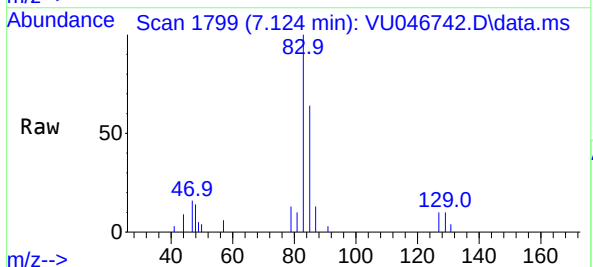
Ion	Ratio	Lower	Upper
96	100		
61	110.4	88.5	164.3
98	72.4	44.4	82.5

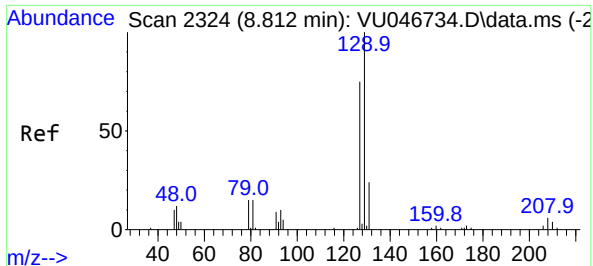


#38
 Bromodichloromethane
 Concen: 0.521 ug/L
 RT: 7.124 min Scan# 1799
 Delta R.T. 0.019 min
 Lab File: VU046742.D
 Acq: 12 Jan 2022 15:07

Tgt Ion: 83 Resp: 5898

Ion	Ratio	Lower	Upper
83	100		
85	64.0	44.0	81.8
127	9.8	6.3	9.5





#49

Dibromochloromethane

Concen: 0.701 ug/L

RT: 8.819 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU046742.D

Acq: 12 Jan 2022 15:07

Instrument :

MSVOA_U

ClientSampleId :

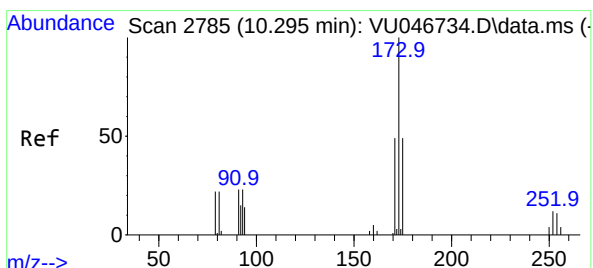
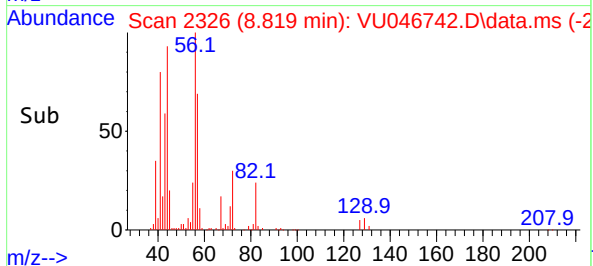
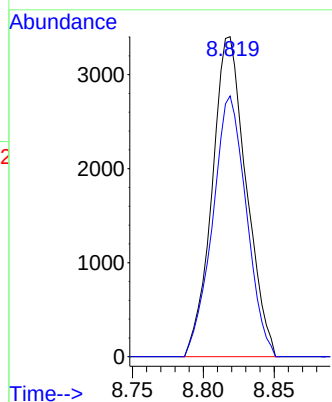
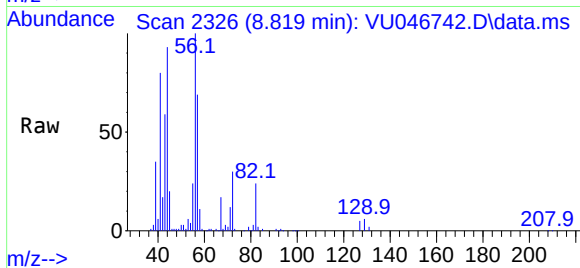
BFXW3

Tgt Ion:129 Resp: 5702

Ion Ratio Lower Upper

129 100

127 81.5 55.4 102.8



#59

Bromoform

Concen: 0.429 ug/L

RT: 10.298 min Scan# 2786

Delta R.T. 0.006 min

Lab File: VU046742.D

Acq: 12 Jan 2022 15:07

Tgt Ion:173 Resp: 2365

Ion Ratio Lower Upper

173 100

175 37.7 37.8 56.6#

254 5.6 7.3 10.9#

