

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
 Data File : VU051657.D
 Acq On : 01 Nov 2022 16:25
 Operator : JC/MD
 Sample : N5319-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAA8

Quant Time: Nov 02 02:04:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 02 01:48:00 2022
 Response via : Initial Calibration

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

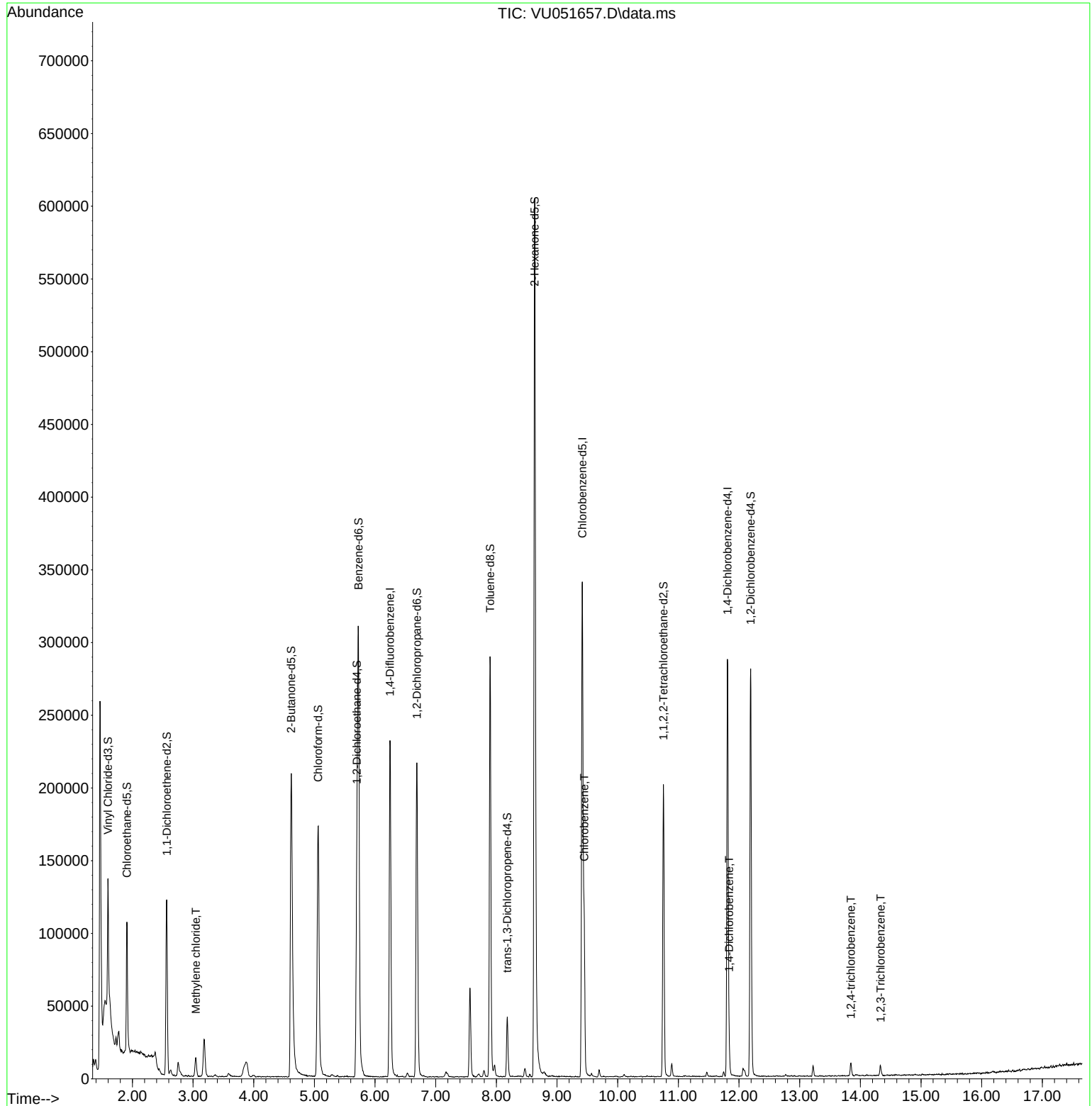
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	195201	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	196289	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	81257	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	59805	4.068	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	81.400%	
7) Chloroethane-d5	1.909	69	70606	4.605	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.000%	
11) 1,1-Dichloroethene-d2	2.565	65	23022	4.315	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	86.200%	
20) 2-Butanone-d5	4.617	46	287992	54.090	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.180%	
24) Chloroform-d	5.060	84	164511	4.782	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.600%	
26) 1,2-Dichloroethane-d4	5.700	65	93024	5.006	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.200%	
32) Benzene-d6	5.726	84	299085	4.828	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.600%	
36) 1,2-Dichloropropane-d6	6.690	67	111875	5.165	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.400%	
41) Toluene-d8	7.896	98	201815	4.143	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.800%	
43) trans-1,3-Dichloroprop...	8.179	79	23774	3.590	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	71.800%	
46) 2-Hexanone-d5	8.629	63	201086	50.437	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.880%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	102517	5.165	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.200%	
66) 1,2-Dichlorobenzene-d4	12.192	152	78640	5.273	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.400%	
Target Compounds						
16) Methylene chloride	3.044	84	6463	0.233	ug/L	95
51) Chlorobenzene	9.446	112	60357	1.205	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	6183	0.209	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	3554	0.220	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	3080	0.189	ug/L	92

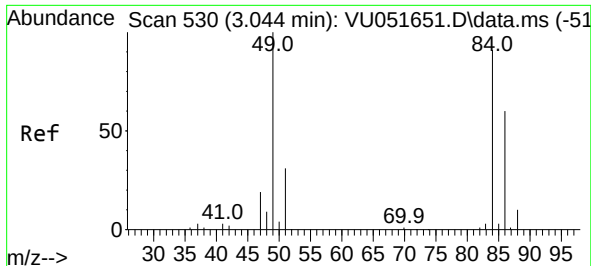
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 02 01:48:00 2022
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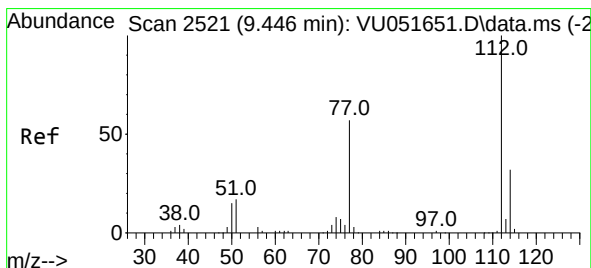
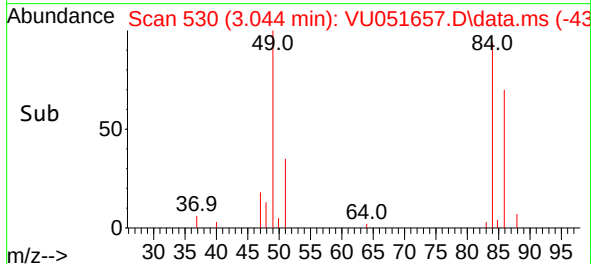
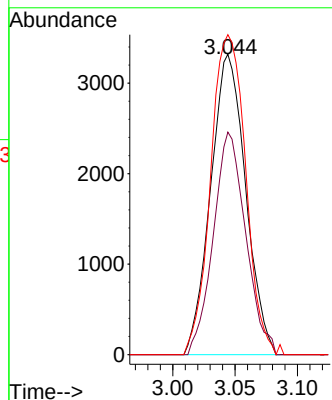
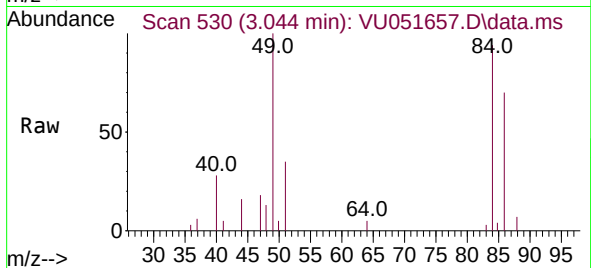




#16
Methylene chloride
Concen: 0.233 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU051657.D
Acq: 01 Nov 2022 16:25

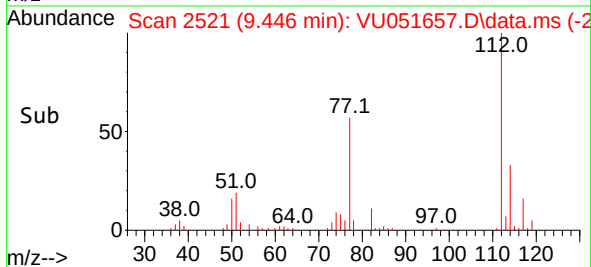
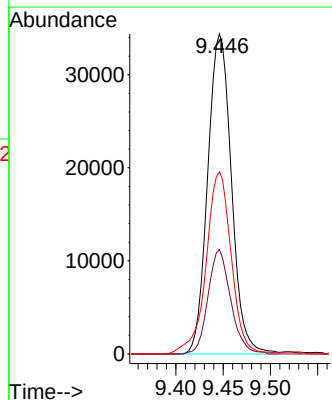
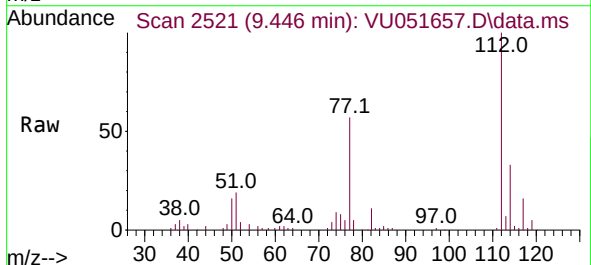
Instrument :
MSVOA_U
ClientSampleId :
BHAA8

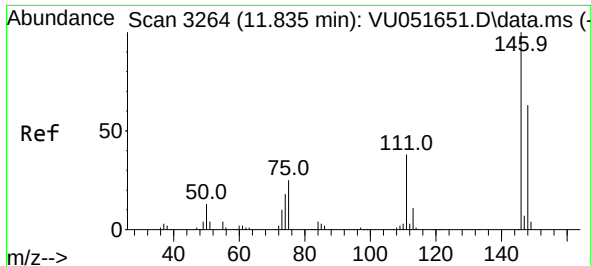
Tgt Ion: 84 Resp: 6463
Ion Ratio Lower Upper
84 100
86 74.1 46.3 85.9
49 106.5 76.0 141.2



#51
Chlorobenzene
Concen: 1.205 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051657.D
Acq: 01 Nov 2022 16:25

Tgt Ion: 112 Resp: 60357
Ion Ratio Lower Upper
112 100
114 32.6 22.0 40.8
77 56.9 46.7 70.1





#65

1,4-Dichlorobenzene

Concen: 0.209 ug/L

RT: 11.835 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU051657.D

Acq: 01 Nov 2022 16:25

Instrument :

MSVOA_U

ClientSampleId :

BHAA8

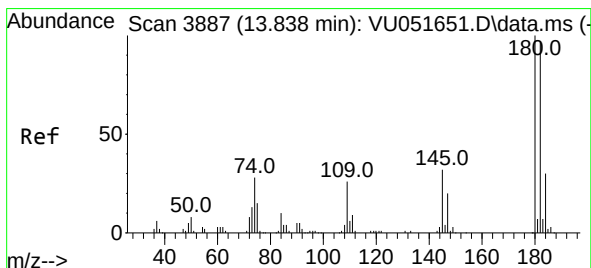
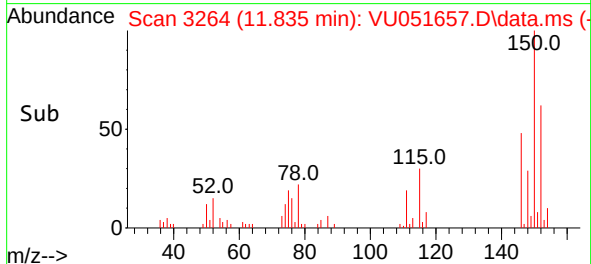
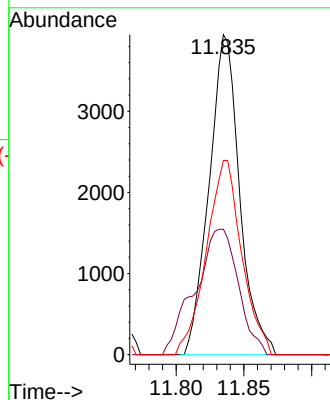
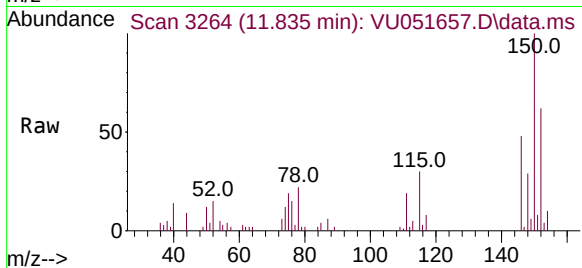
Tgt Ion:146 Resp: 6183

Ion Ratio Lower Upper

146 100

111 39.2 26.7 49.5

148 60.7 43.5 80.9



#70

1,2,4-trichlorobenzene

Concen: 0.220 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.003 min

Lab File: VU051657.D

Acq: 01 Nov 2022 16:25

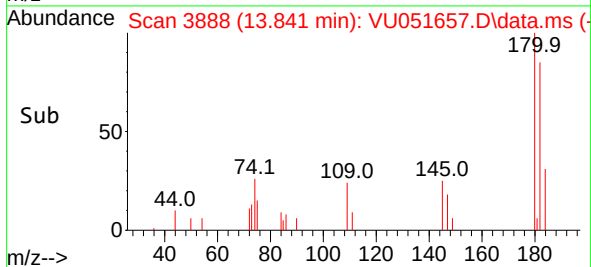
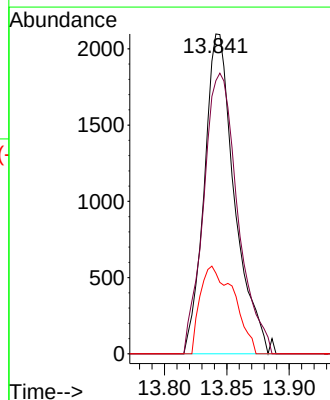
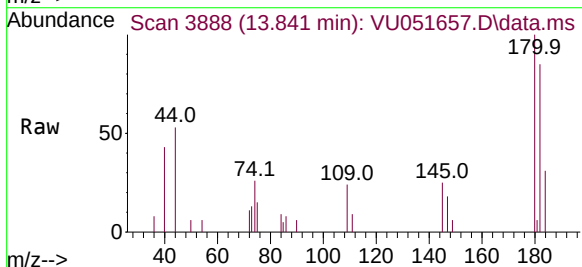
Tgt Ion:180 Resp: 3554

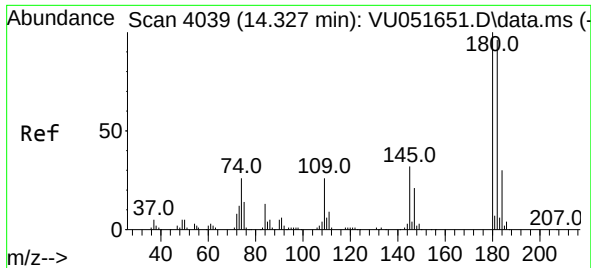
Ion Ratio Lower Upper

180 100

182 98.4 77.8 116.6

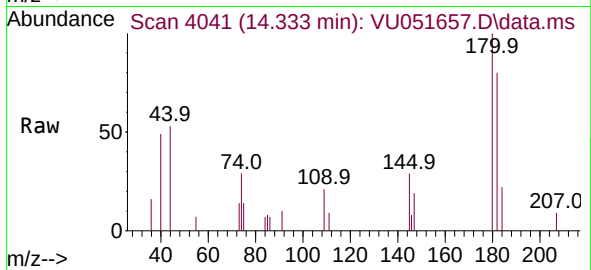
145 30.6 25.0 37.6





#72
 1,2,3-Trichlorobenzene
 Concen: 0.189 ug/L
 RT: 14.333 min Scan# 40
 Delta R.T. 0.007 min
 Lab File: VU051657.D
 Acq: 01 Nov 2022 16:25

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAA8



Tgt Ion:	180	Resp:	3080
Ion	Ratio	Lower	Upper
180	100		
182	88.0	76.1	114.1
145	26.7	25.6	38.4

