

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111821\
 Data File : VU045859.D
 Acq On : 18 Nov 2021 11:07
 Operator : SY/MD
 Sample : M4686-06DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG1Z4DL

Quant Time: Nov 19 00:52:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 00:50:55 2021
 Response via : Initial Calibration

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

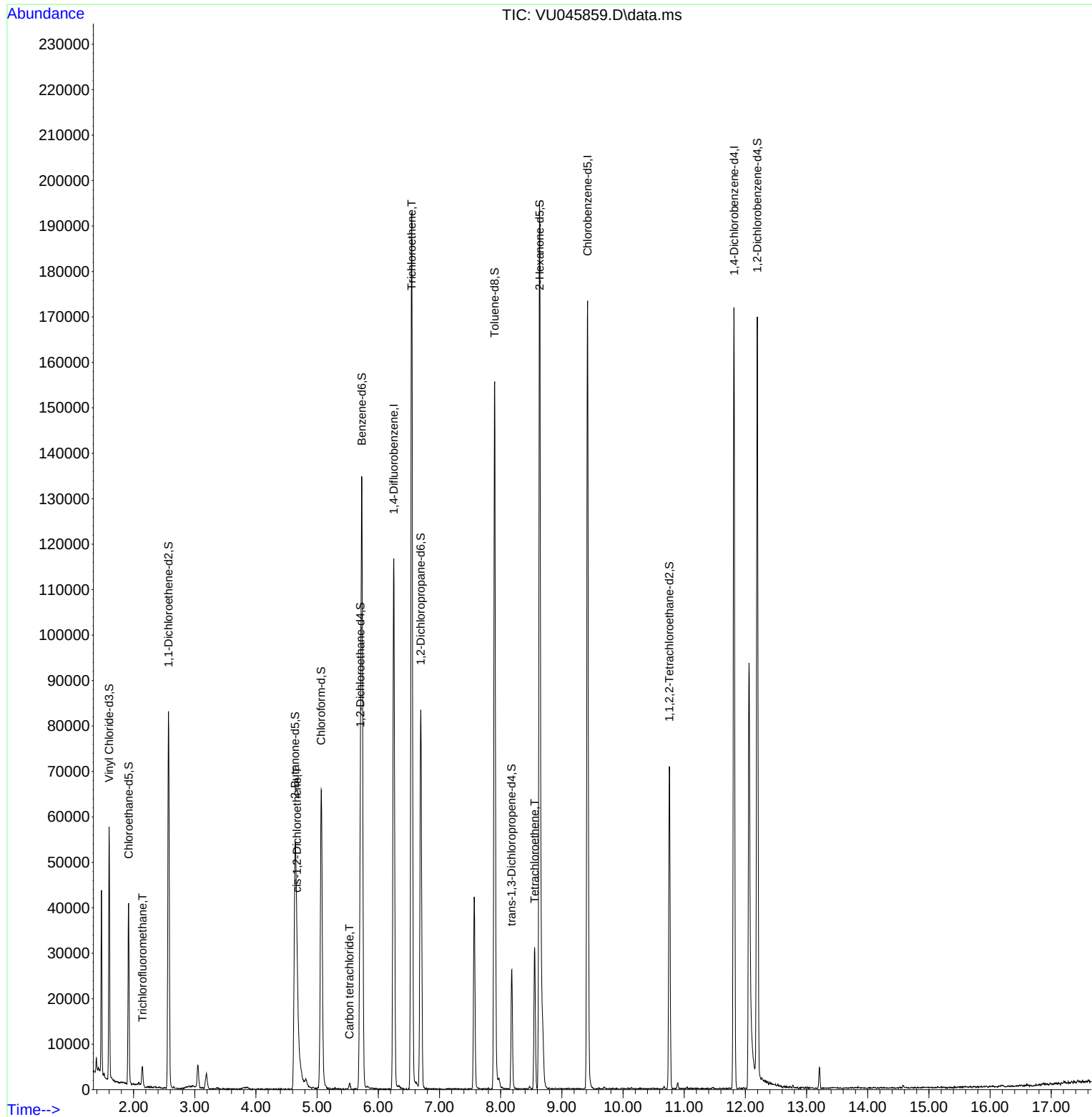
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	93673	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	98487	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	44443	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	38477	5.184	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 103.600%		
7) Chloroethane-d5	1.919	69	28646	5.302	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 106.000%		
11) 1,1-Dichloroethene-d2	2.572	65	15708	5.046	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 101.000%		
20) 2-Butanone-d5	4.642	46	103593	52.086	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 104.180%		
24) Chloroform-d	5.067	84	61380	4.964	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 99.200%		
26) 1,2-Dichloroethane-d4	5.707	65	35999	4.962	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 99.200%		
32) Benzene-d6	5.732	84	124905	4.605	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 92.200%		
36) 1,2-Dichloropropane-d6	6.694	67	40354	4.721	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 94.400%		
41) Toluene-d8	7.903	98	106386	4.336	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 86.800%		
43) trans-1,3-Dichloroprop...	8.179	79	15500	4.467	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 89.400%		
46) 2-Hexanone-d5	8.636	63	69036	44.202	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 88.400%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33643	4.659	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 93.200%		
66) 1,2-Dichlorobenzene-d4	12.195	152	42135	5.522	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 110.400%		
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	3171	0.303	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	1473	0.219	ug/L	93
31) Carbon tetrachloride	5.530	117	907	0.101	ug/L	92
34) Trichloroethene	6.546	95	65213	9.207	ug/L	97
47) Tetrachloroethene	8.555	164	6811	1.374	ug/L	95

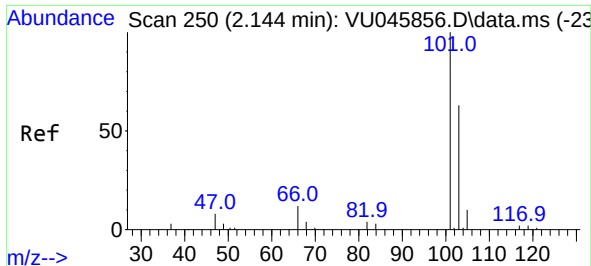
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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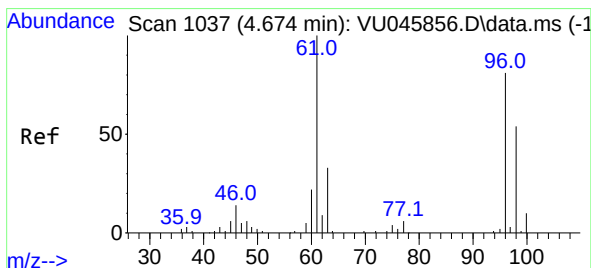
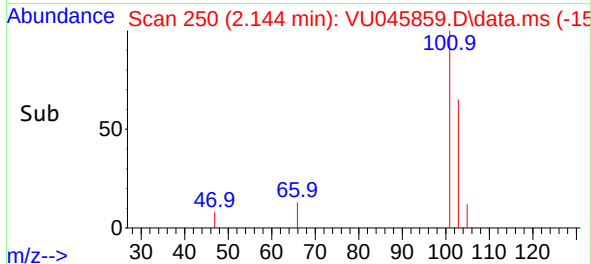
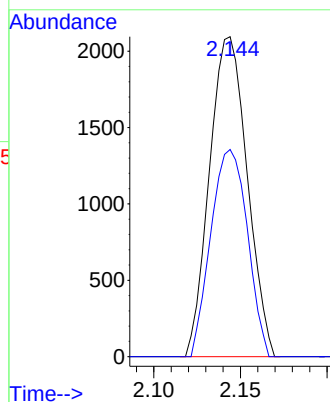
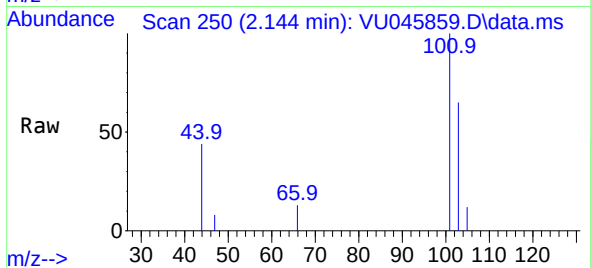




#9
 Trichlorofluoromethane
 Concen: 0.303 ug/L
 RT: 2.144 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU045859.D
 Acq: 18 Nov 2021 11:07

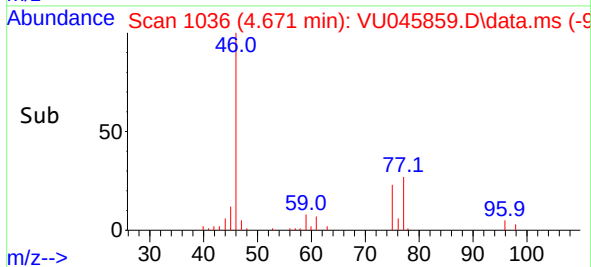
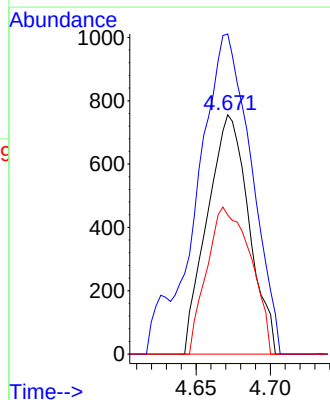
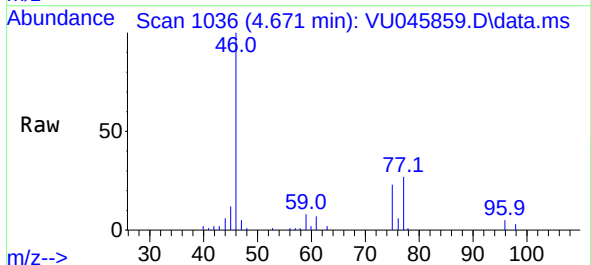
Instrument :
 MSVOA_U
 ClientSampleId :
 BG1Z4DL

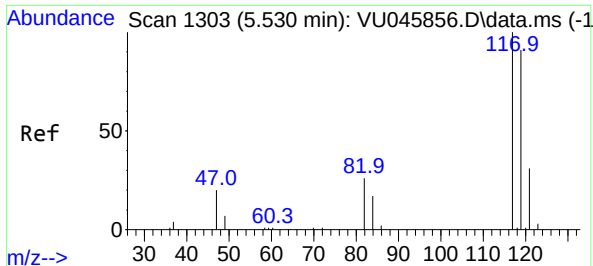
Tgt Ion:101 Resp: 3171
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.5 77.3



#22
 cis-1,2-Dichloroethene
 Concen: 0.219 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VU045859.D
 Acq: 18 Nov 2021 11:07

Tgt Ion: 96 Resp: 1473
 Ion Ratio Lower Upper
 96 100
 61 133.7 88.5 164.3
 98 58.1 44.4 82.5

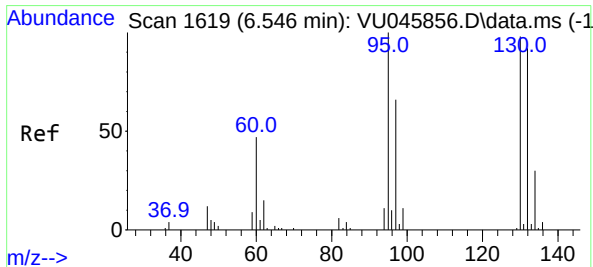
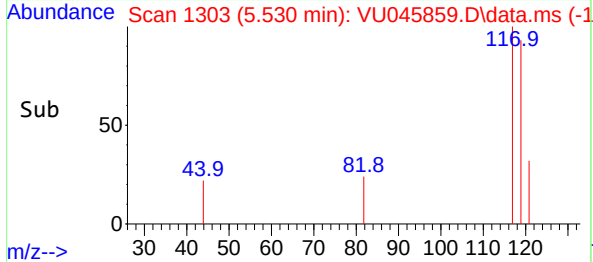
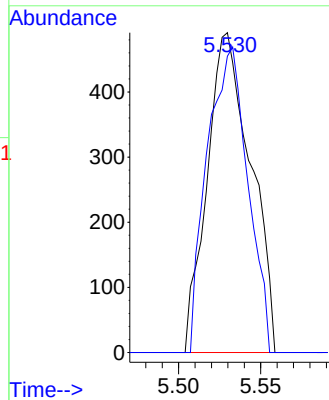
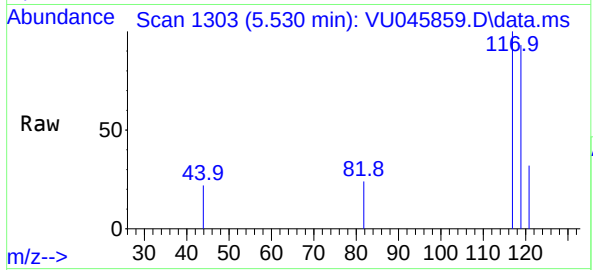




#31
Carbon tetrachloride
Concen: 0.101 ug/L
RT: 5.530 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045859.D
Acq: 18 Nov 2021 11:07

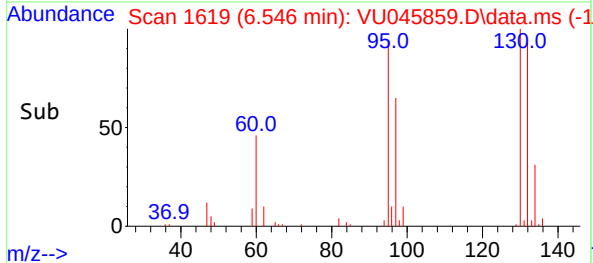
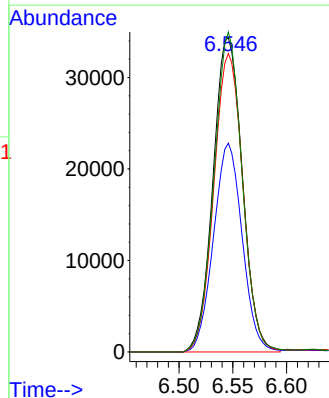
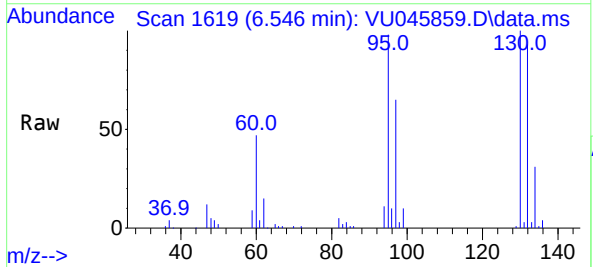
Instrument :
MSVOA_U
ClientSampleId :
BG1Z4DL

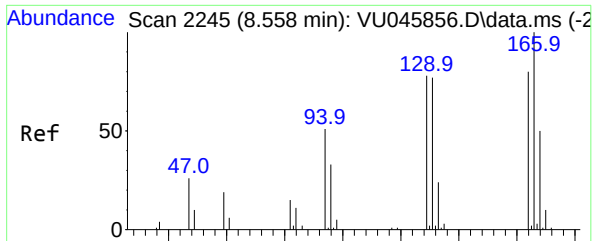
Tgt Ion:117 Resp: 907
Ion Ratio Lower Upper
117 100
119 88.6 77.5 116.3



#34
Trichloroethene
Concen: 9.207 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045859.D
Acq: 18 Nov 2021 11:07

Tgt Ion: 95 Resp: 65213
Ion Ratio Lower Upper
95 100
97 66.4 46.5 86.5
132 94.9 65.1 120.9
130 101.8 67.3 124.9





#47
Tetrachloroethene
Concen: 1.374 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045859.D
Acq: 18 Nov 2021 11:07

Instrument :
MSVOA_U
ClientSampleId :
BG1Z4DL

Tgt Ion:164 Resp: 6811

Ion	Ratio	Lower	Upper
164	100		
129	93.6	71.8	133.4
131	98.6	68.5	127.3
166	127.1	94.1	174.8

