

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112322\
 Data File : VU052120.D
 Acq On : 24 Nov 2022 06:08
 Operator : JC/MD
 Sample : N5770-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1G3

Quant Time: Nov 24 07:02:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 05:20:45 2022
 Response via : Initial Calibration

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

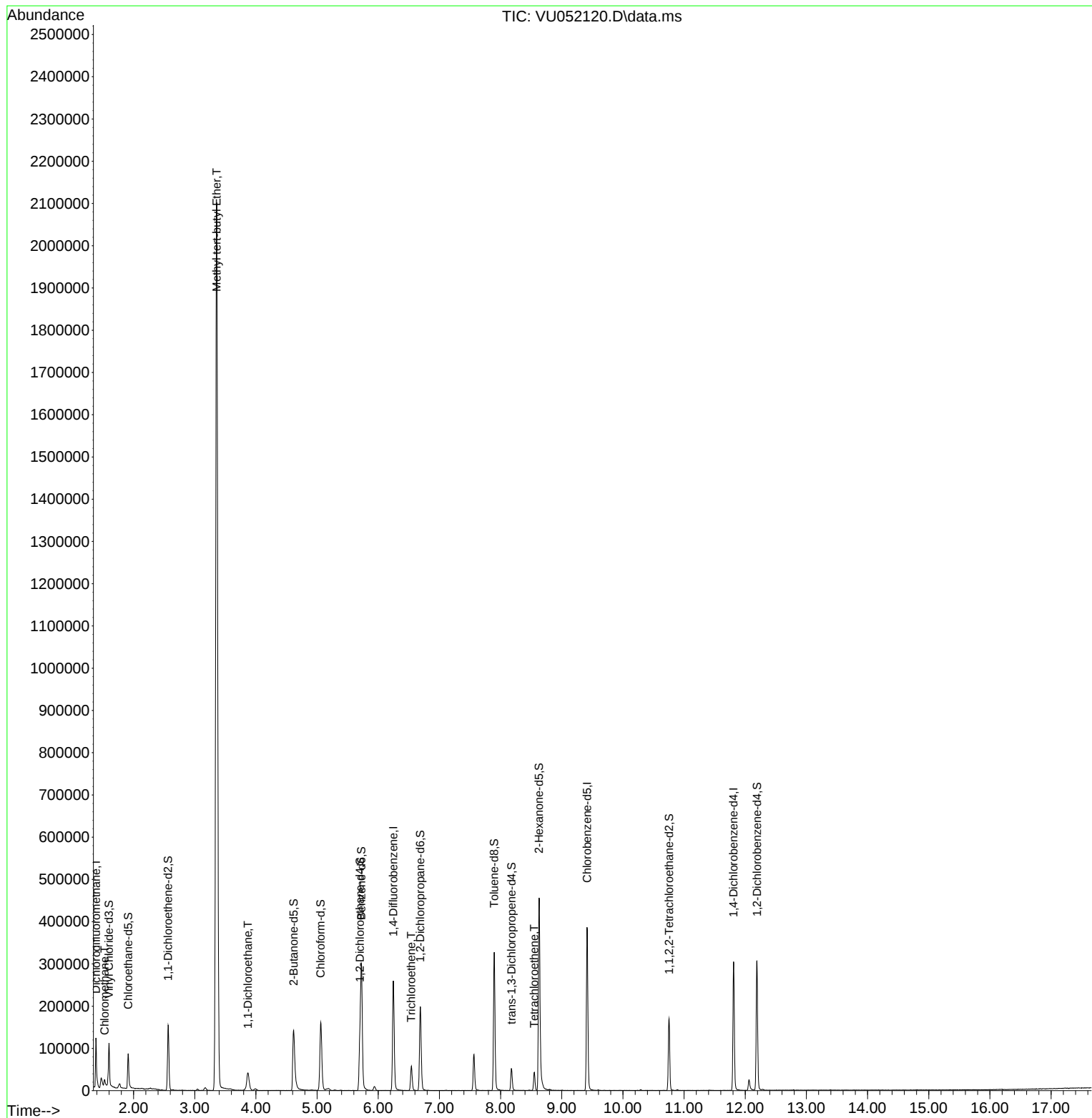
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	215484	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	223377	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	84945	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	72888	3.477	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.600%
7) Chloroethane-d5	1.913	69	68755	4.223	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.565	65	28593	3.806	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	4.617	46	204779	53.899	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.800%
24) Chloroform-d	5.060	84	152280	4.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.700	65	78509	5.047	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.726	84	295251	4.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.687	67	100055	4.875	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.896	98	227250	3.787	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.800%
43) trans-1,3-Dichloroprop...	8.179	79	31164	4.167	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.629	63	156108	49.254	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.500%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	88628	4.981	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	84608	5.202	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	74425	3.982	ug/L	98
3) Chloromethane	1.527	50	11793	0.484	ug/L	99
17) Methyl tert-butyl Ether	3.359	73	2341062	66.898	ug/L	100
19) 1,1-Dichloroethane	3.871	63	40491	1.341	ug/L	97
34) Trichloroethene	6.539	95	20553	1.134	ug/L	97
47) Tetrachloroethene	8.549	164	10097	0.727	ug/L	95

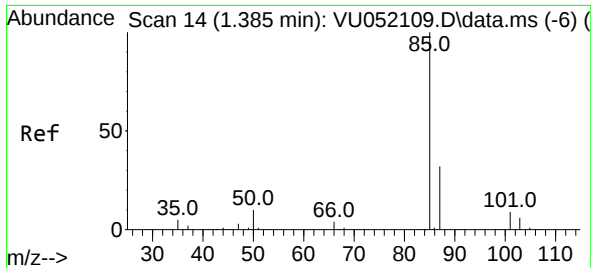
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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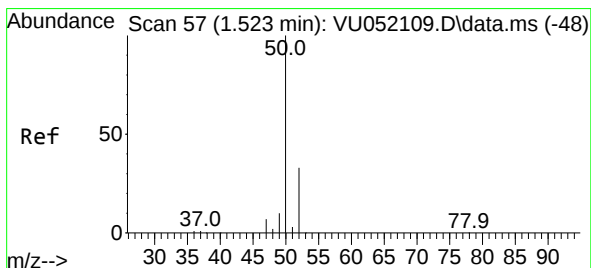
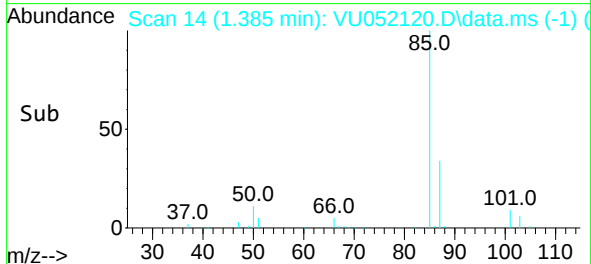
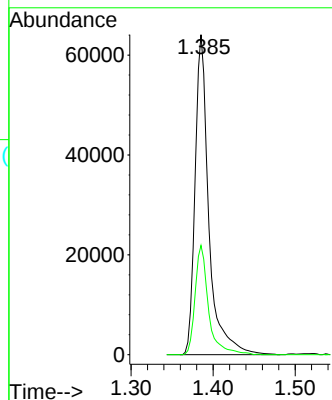
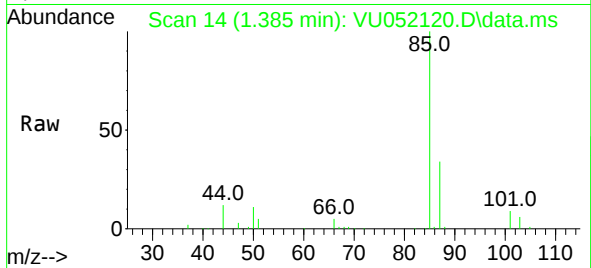




#2
Dichlorodifluoromethane
Concen: 3.982 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052120.D
Acq: 24 Nov 2022 06:08

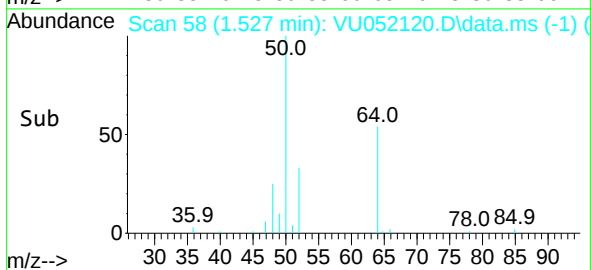
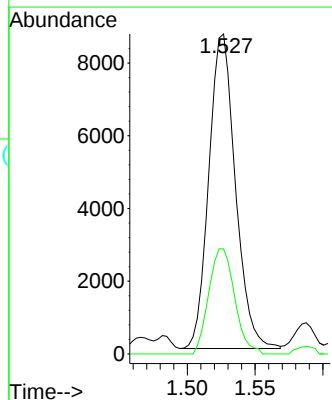
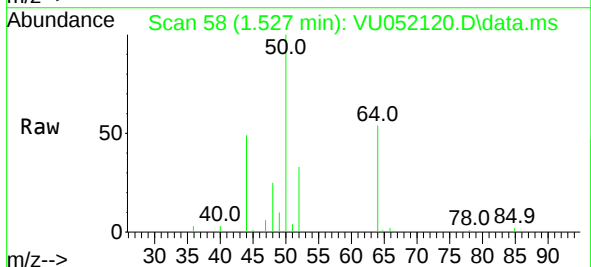
Instrument :
MSVOA_U
ClientSampleId :
BH1G3

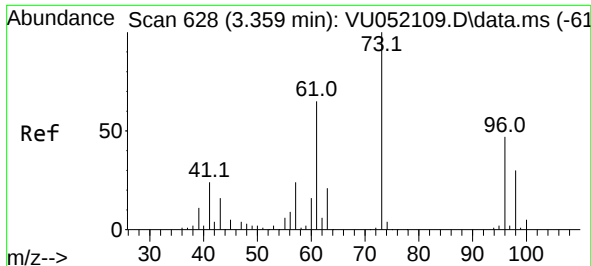
Tgt Ion: 85 Resp: 74425
Ion Ratio Lower Upper
85 100
87 33.4 25.8 38.8



#3
Chloromethane
Concen: 0.484 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU052120.D
Acq: 24 Nov 2022 06:08

Tgt Ion: 50 Resp: 11793
Ion Ratio Lower Upper
50 100
52 32.9 23.4 43.4



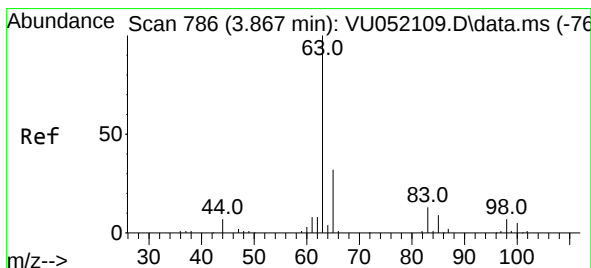
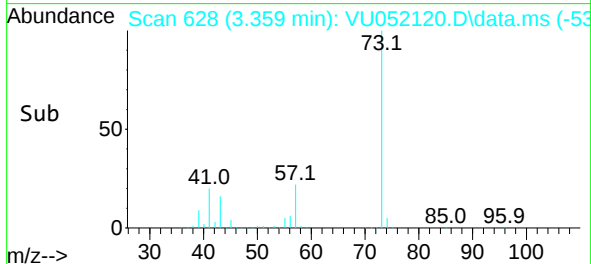
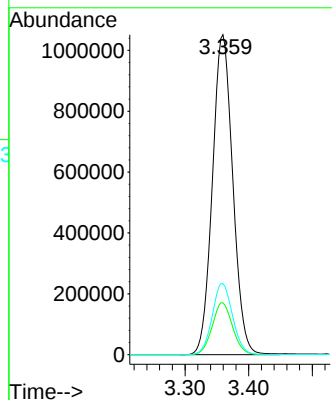
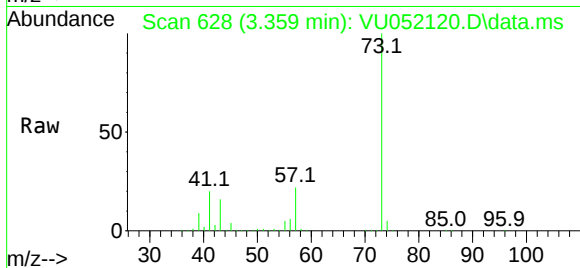


#17
Methyl tert-butyl Ether
Concen: 66.898 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU052120.D
Acq: 24 Nov 2022 06:08

Instrument :
MSVOA_U
ClientSampleId :
BH1G3

Tgt Ion: 73 Resp: 2341062

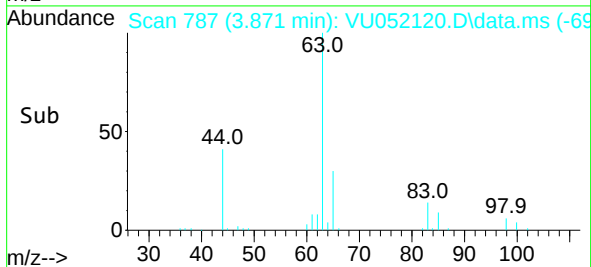
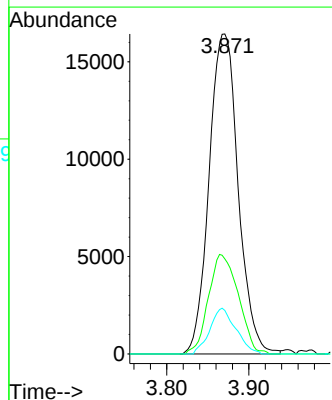
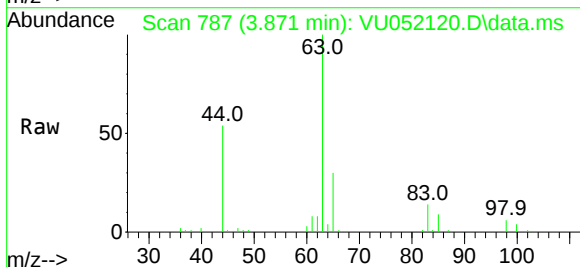
Ion	Ratio	Lower	Upper
73	100		
43	16.3	13.2	19.8
57	22.2	17.8	26.8

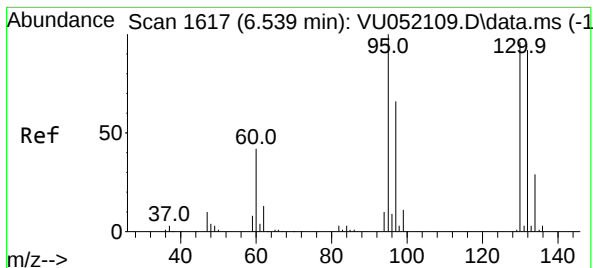


#19
1,1-Dichloroethane
Concen: 1.341 ug/L
RT: 3.871 min Scan# 787
Delta R.T. 0.003 min
Lab File: VU052120.D
Acq: 24 Nov 2022 06:08

Tgt Ion: 63 Resp: 40491

Ion	Ratio	Lower	Upper
63	100		
65	29.7	22.2	41.2
83	13.6	9.2	17.0





#34

Trichloroethene

Concen: 1.134 ug/L

RT: 6.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052120.D

Acq: 24 Nov 2022 06:08

Instrument :

MSVOA_U

ClientSampleId :

BH1G3

Tgt Ion: 95 Resp: 20553

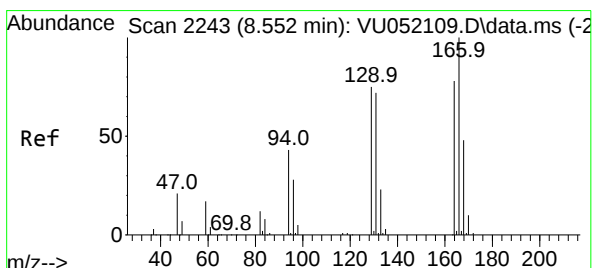
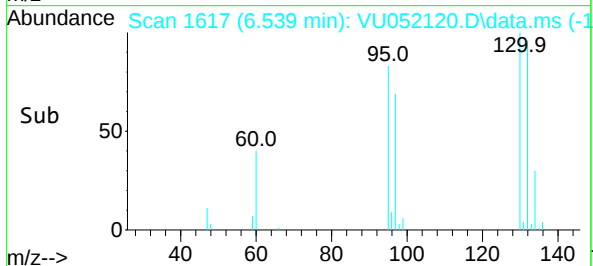
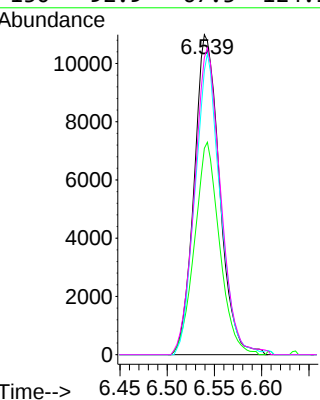
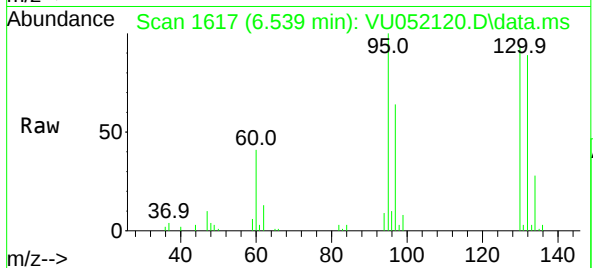
Ion Ratio Lower Upper

95 100

97 64.5 43.7 81.1

132 88.8 64.3 119.3

130 92.9 67.3 124.9



#47

Tetrachloroethene

Concen: 0.727 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. -0.003 min

Lab File: VU052120.D

Acq: 24 Nov 2022 06:08

Tgt Ion: 164 Resp: 10097

Ion Ratio Lower Upper

164 100

129 91.1 67.4 125.2

131 91.3 67.1 124.7

166 123.1 89.7 166.5

