

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050230.D
 Acq On : 11 Aug 2022 15:05
 Operator : SY/MD
 Sample : N4160-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGBT0

Quant Time: Aug 12 01:32:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 01:30:48 2022
 Response via : Initial Calibration

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

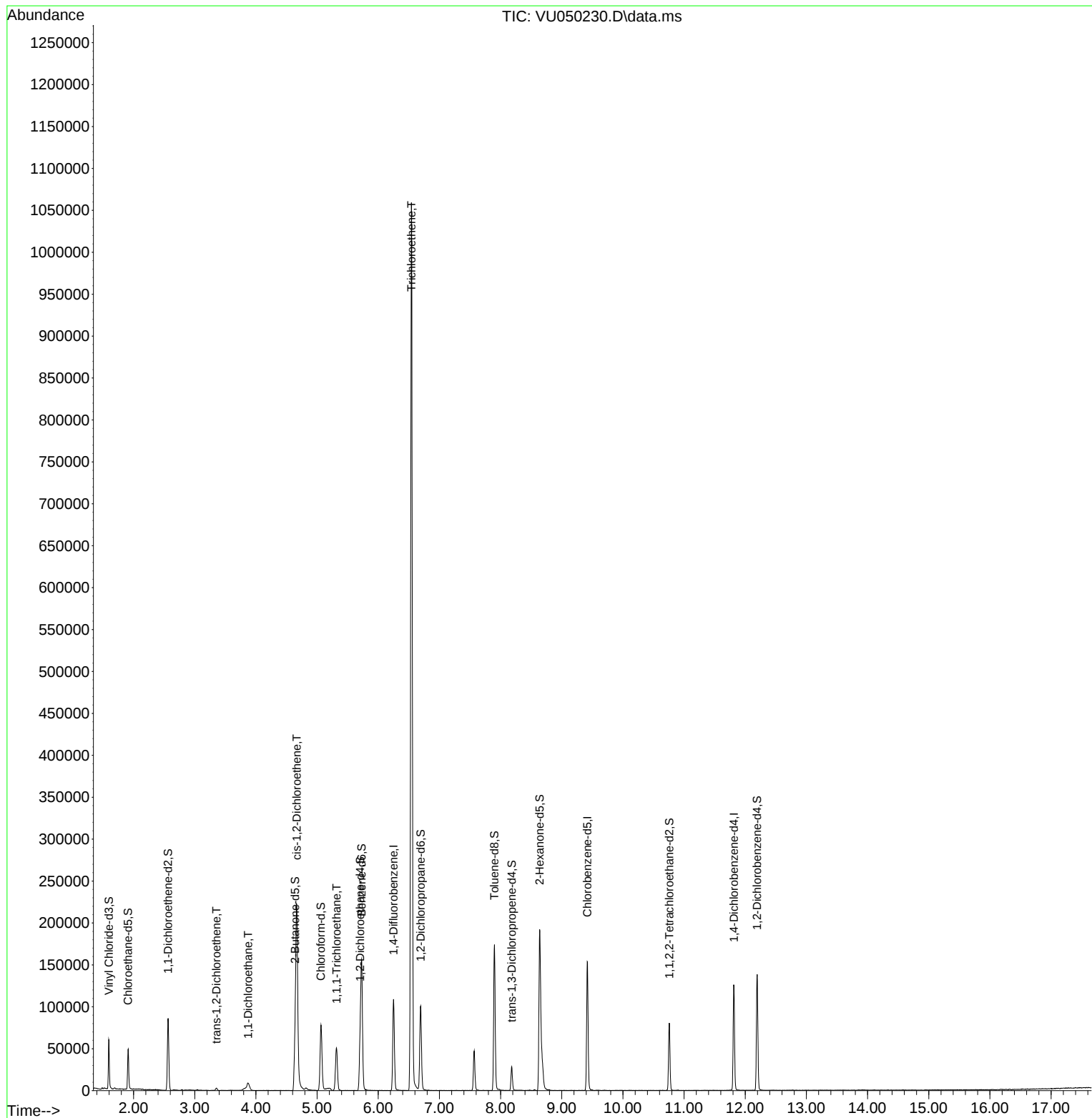
Internal Standards							
1) 1,4-Difluorobenzene		6.250	114	89910	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.417	117	88536	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.815	152	34727	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.594	65	43476	5.811	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.200%	
7) Chloroethane-d5		1.909	69	35173	5.827	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.600%	
11) 1,1-Dichloroethene-d2		2.565	65	16509	5.645	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	113.000%	
20) 2-Butanone-d5		4.642	46	111929	61.343	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.680%	
24) Chloroform-d		5.063	84	74722	5.369	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.400%	
26) 1,2-Dichloroethane-d4		5.703	65	39012	5.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.200%	
32) Benzene-d6		5.729	84	148336	5.369	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.400%	
36) 1,2-Dichloropropane-d6		6.694	67	51238	5.632	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.600%	
41) Toluene-d8		7.899	98	120498	4.938	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%	
43) trans-1,3-Dichloroprop...		8.182	79	16665	5.111	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.200%	
46) 2-Hexanone-d5		8.639	63	61782	53.437	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.880%	
56) 1,1,2,2-Tetrachloroeth...		10.758	84	42182	5.280	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.600%	
66) 1,2-Dichlorobenzene-d4		12.195	152	37760	5.550	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.000%	
Target Compounds							Qvalue
18) trans-1,2-Dichloroethene		3.356	96	1356	0.195	ug/L	87
19) 1,1-Dichloroethane		3.874	63	6724	0.510	ug/L	93
22) cis-1,2-Dichloroethene		4.668	96	102740	13.302	ug/L	98
29) 1,1,1-Trichloroethane		5.317	97	37852	3.485	ug/L	99
34) Trichloroethene		6.542	95	375482	50.049	ug/L	97

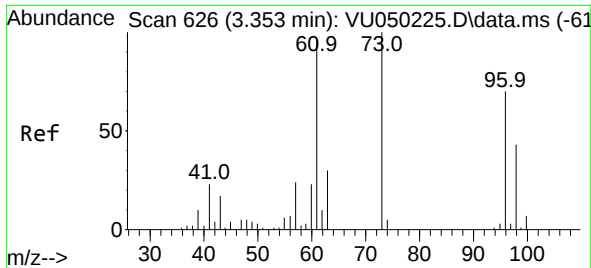
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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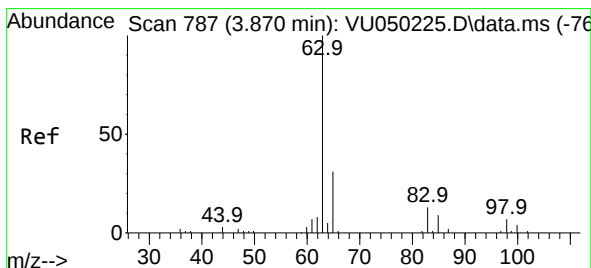
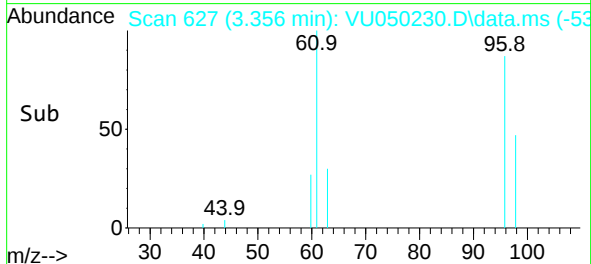
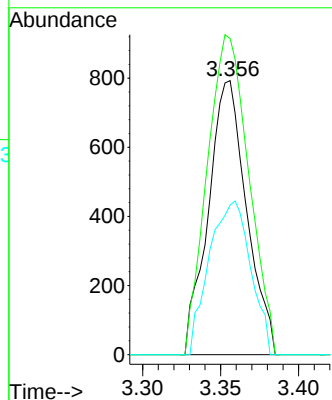
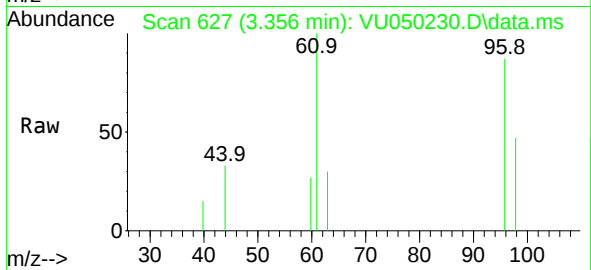




#18
trans-1,2-Dichloroethene
Concen: 0.195 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU050230.D
Acq: 11 Aug 2022 15:05

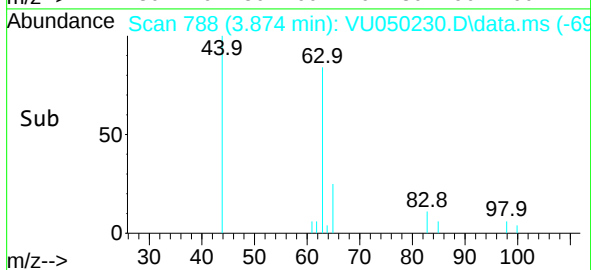
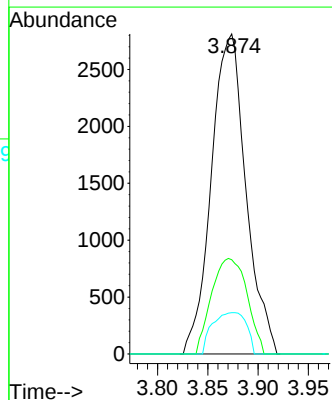
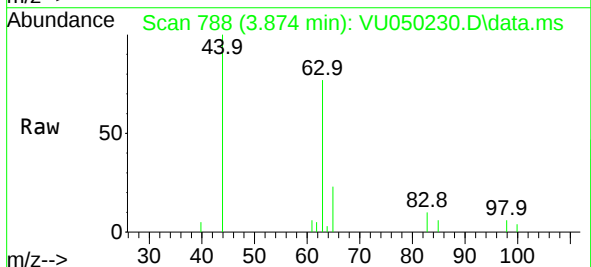
Instrument :
MSVOA_U
ClientSampleId :
BGBT0

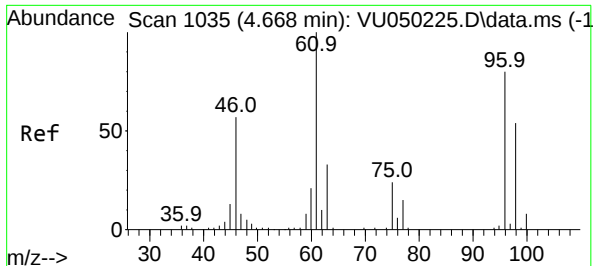
Tgt Ion: 96 Resp: 1356
Ion Ratio Lower Upper
96 100
61 115.4 92.3 171.5
98 54.6 43.2 80.2



#19
1,1-Dichloroethane
Concen: 0.510 ug/L
RT: 3.874 min Scan# 788
Delta R.T. 0.003 min
Lab File: VU050230.D
Acq: 11 Aug 2022 15:05

Tgt Ion: 63 Resp: 6724
Ion Ratio Lower Upper
63 100
65 28.2 22.7 42.3
83 12.4 9.8 18.2





#22

cis-1,2-Dichloroethene

Concen: 13.302 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VU050230.D

Acq: 11 Aug 2022 15:05

Instrument :

MSVOA_U

ClientSampleId :

BGBT0

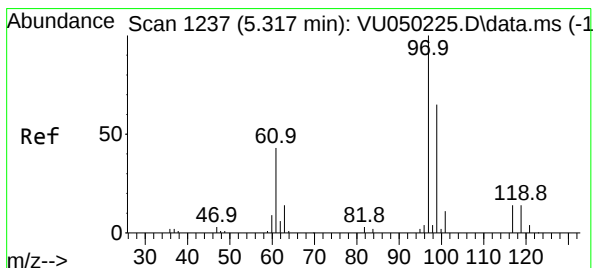
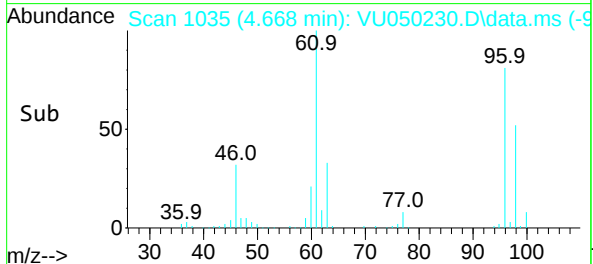
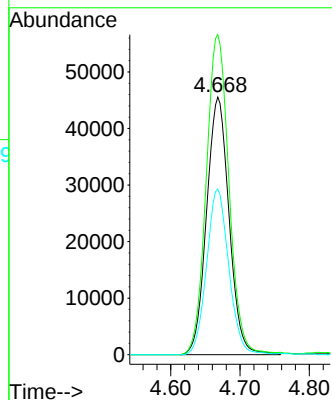
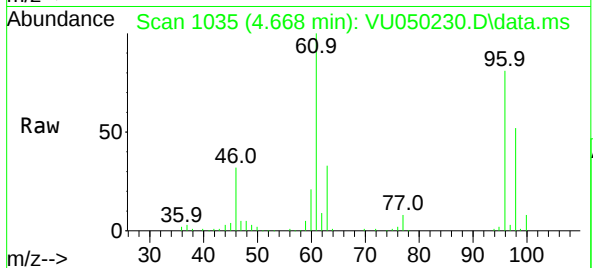
Tgt Ion: 96 Resp: 102740

Ion Ratio Lower Upper

96 100

61 124.2 89.0 165.4

98 64.3 45.2 84.0



#29

1,1,1-Trichloroethane

Concen: 3.485 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. 0.000 min

Lab File: VU050230.D

Acq: 11 Aug 2022 15:05

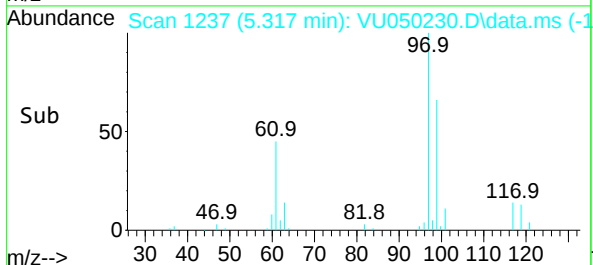
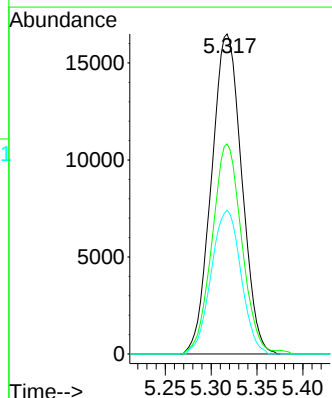
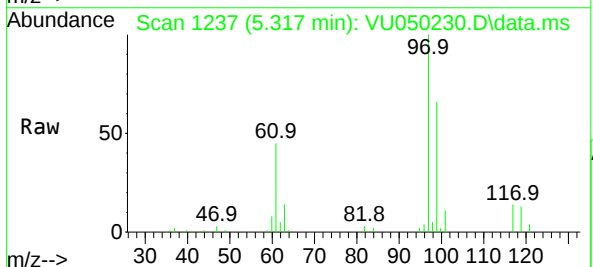
Tgt Ion: 97 Resp: 37852

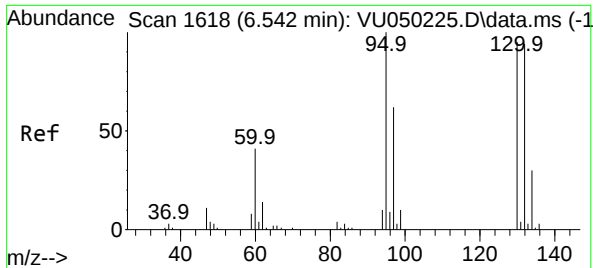
Ion Ratio Lower Upper

97 100

99 64.2 51.5 77.3

61 44.2 34.2 51.4





#34
 Trichloroethene
 Concen: 50.049 ug/L
 RT: 6.542 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VU050230.D
 Acq: 11 Aug 2022 15:05

Instrument :
 MSVOA_U
 ClientSampleId :
 BGBT0

Tgt Ion: 95 Resp: 375482

Ion	Ratio	Lower	Upper
95	100		
97	64.2	45.6	84.8
132	90.4	65.0	120.6
130	94.1	69.3	128.7

