

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050257.D
 Acq On : 12 Aug 2022 03:24
 Operator : SY/MD
 Sample : N4161-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGBZ1

Quant Time: Aug 12 05:03:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 04:56:24 2022
 Response via : Initial Calibration

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

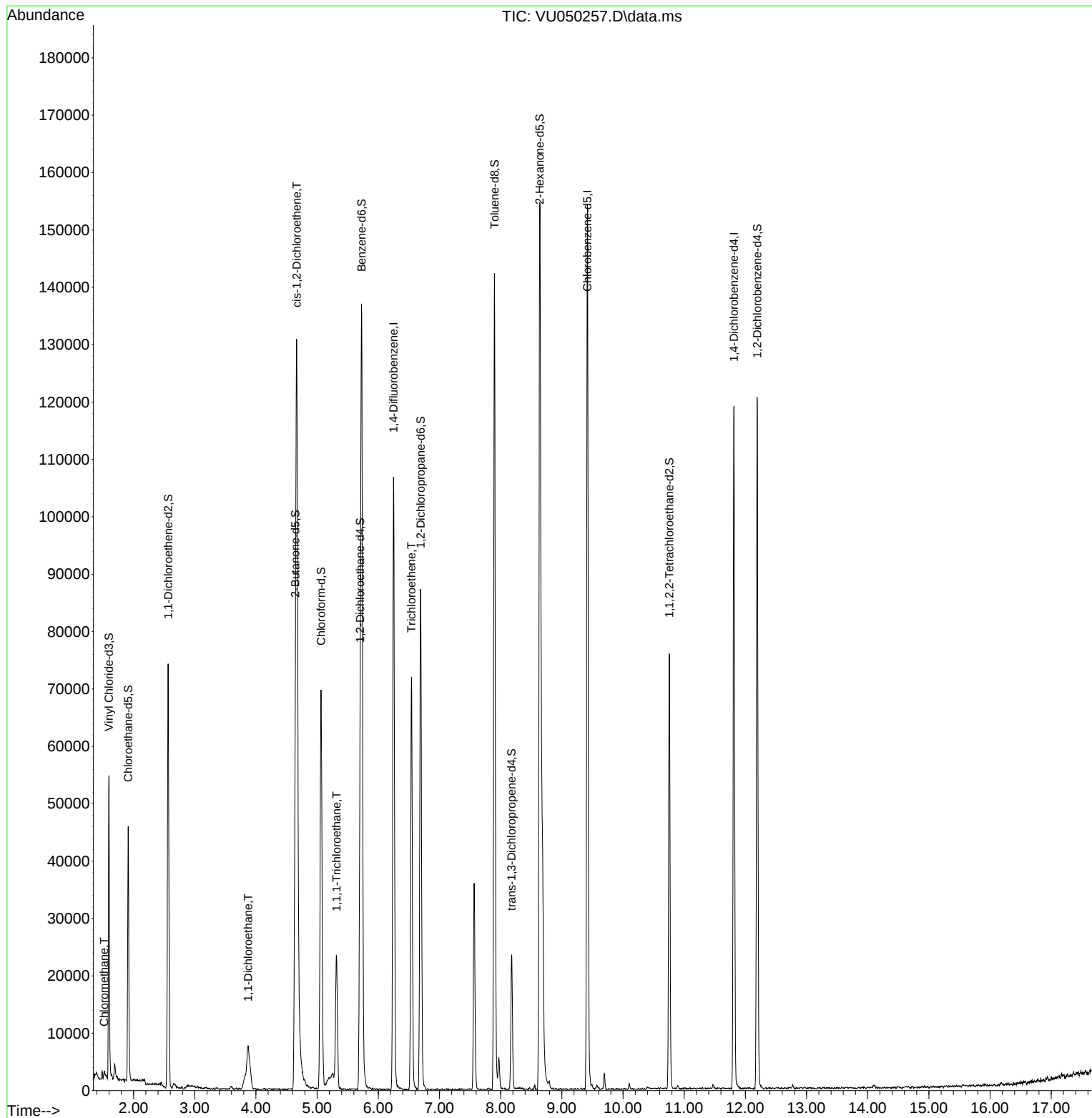
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	87509	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	89696	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	33649	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	37707	5.178	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	103.600%	
7) Chloroethane-d5	1.912	69	31641	5.385	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	107.800%	
11) 1,1-Dichloroethene-d2	2.565	65	13789	4.845	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.800%	
20) 2-Butanone-d5	4.645	46	99046	55.772	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	111.540%	
24) Chloroform-d	5.063	84	66697	4.924	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.400%	
26) 1,2-Dichloroethane-d4	5.703	65	35855	5.155	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.200%	
32) Benzene-d6	5.729	84	129870	4.640	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.800%	
36) 1,2-Dichloropropane-d6	6.693	67	45112	4.894	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.800%	
41) Toluene-d8	7.899	98	100134	4.050	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.000%	
43) trans-1,3-Dichloroprop...	8.179	79	13288	4.023	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.400%	
46) 2-Hexanone-d5	8.636	63	48635	41.521	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.040%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	39104	4.831	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.600%	
66) 1,2-Dichlorobenzene-d4	12.195	152	33954	5.150	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.000%	
Target Compounds						
3) Chloromethane	1.520	50	1363	0.130	ug/L	98
19) 1,1-Dichloroethane	3.870	63	5416	0.422	ug/L	95
22) cis-1,2-Dichloroethene	4.668	96	53692	7.142	ug/L	99
29) 1,1,1-Trichloroethane	5.317	97	17319	1.574	ug/L	97
34) Trichloroethene	6.542	95	25396	3.341	ug/L	97

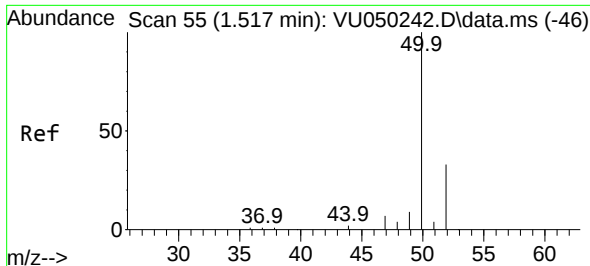
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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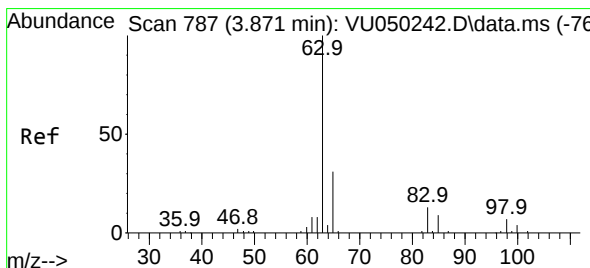
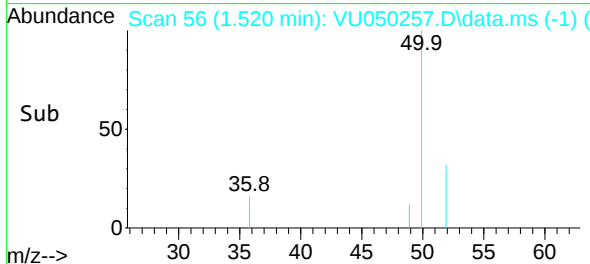
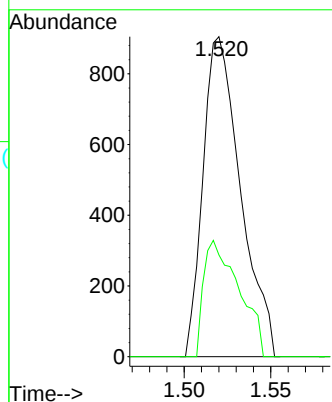
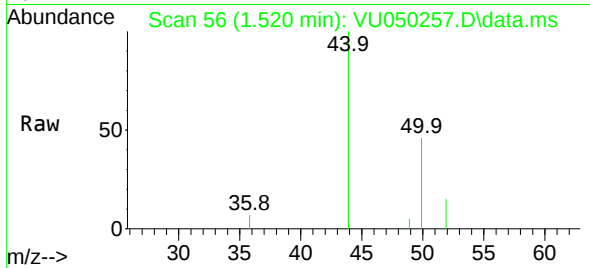




#3
Chloromethane
Concen: 0.130 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.003 min
Lab File: VU050257.D
Acq: 12 Aug 2022 03:24

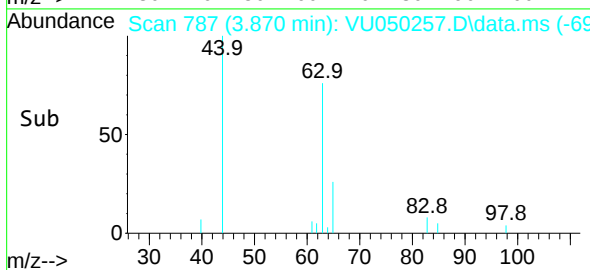
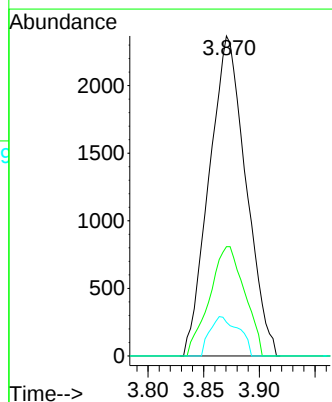
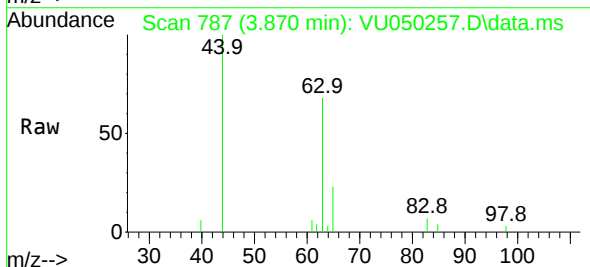
Instrument :
MSVOA_U
ClientSampleId :
BGBZ1

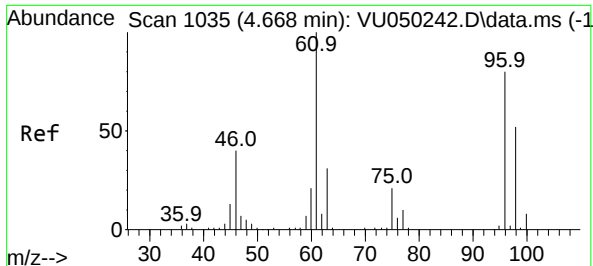
Tgt Ion: 50 Resp: 1363
Ion Ratio Lower Upper
50 100
52 31.8 23.2 43.2



#19
1,1-Dichloroethane
Concen: 0.422 ug/L
RT: 3.870 min Scan# 787
Delta R.T. -0.000 min
Lab File: VU050257.D
Acq: 12 Aug 2022 03:24

Tgt Ion: 63 Resp: 5416
Ion Ratio Lower Upper
63 100
65 34.1 22.7 42.3
83 10.6 9.8 18.2





#22

cis-1,2-Dichloroethene

Concen: 7.142 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU050257.D

Acq: 12 Aug 2022 03:24

Instrument :

MSVOA_U

ClientSampleId :

BGBZ1

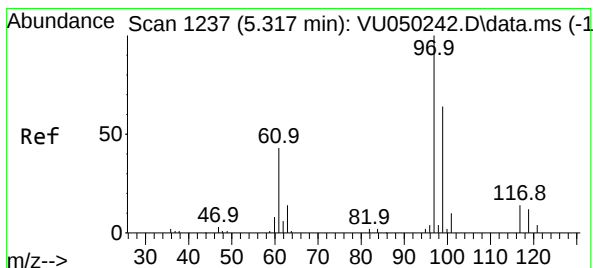
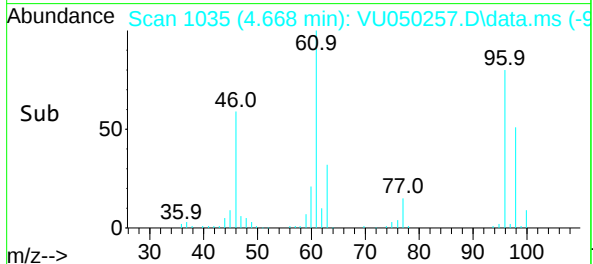
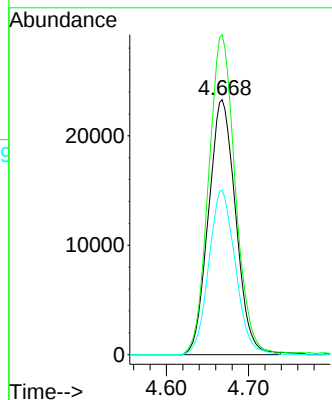
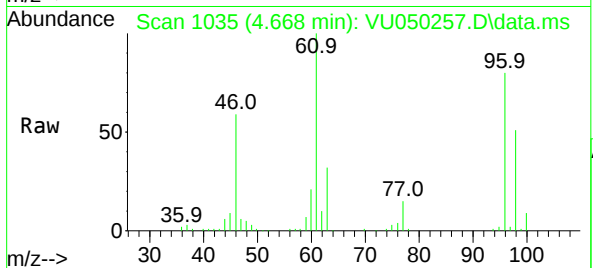
Tgt Ion: 96 Resp: 53692

Ion Ratio Lower Upper

96 100

61 125.4 89.0 165.4

98 64.5 45.2 84.0



#29

1,1,1-Trichloroethane

Concen: 1.574 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.000 min

Lab File: VU050257.D

Acq: 12 Aug 2022 03:24

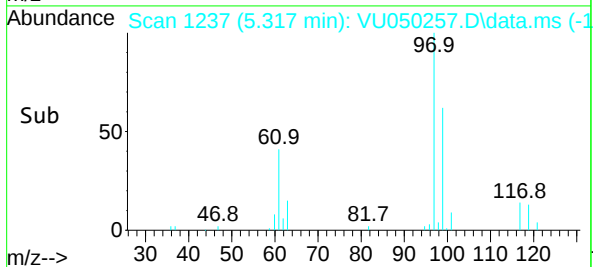
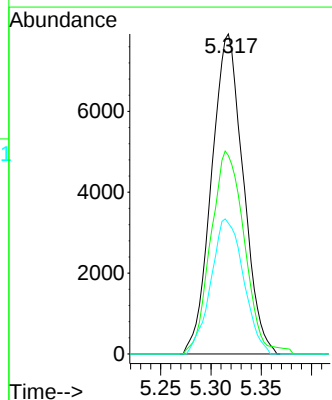
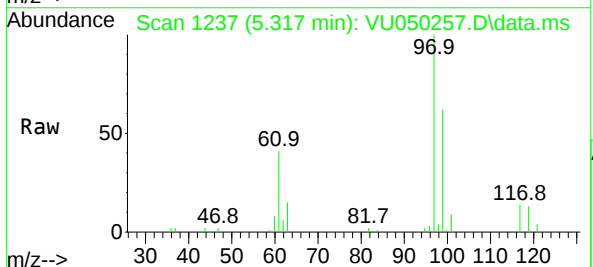
Tgt Ion: 97 Resp: 17319

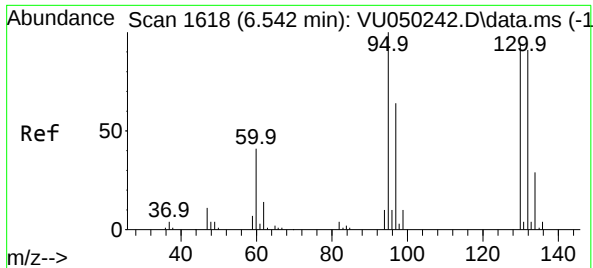
Ion Ratio Lower Upper

97 100

99 67.2 51.5 77.3

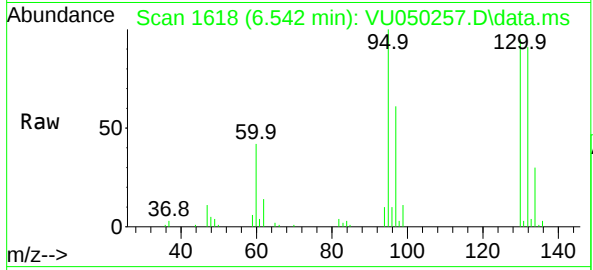
61 43.4 34.2 51.4





#34
 Trichloroethene
 Concen: 3.341 ug/L
 RT: 6.542 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VU050257.D
 Acq: 12 Aug 2022 03:24

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Tgt Ion: 95 Resp: 25396

Ion	Ratio	Lower	Upper
95	100		
97	60.9	45.6	84.8
132	91.5	65.0	120.6
130	95.5	69.3	128.7

