

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051621.D
 Acq On : 31 Oct 2022 19:15
 Operator : JC/MD
 Sample : N5353-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWU7

Quant Time: Nov 01 01:29:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 01 01:25:31 2022
 Response via : Initial Calibration

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

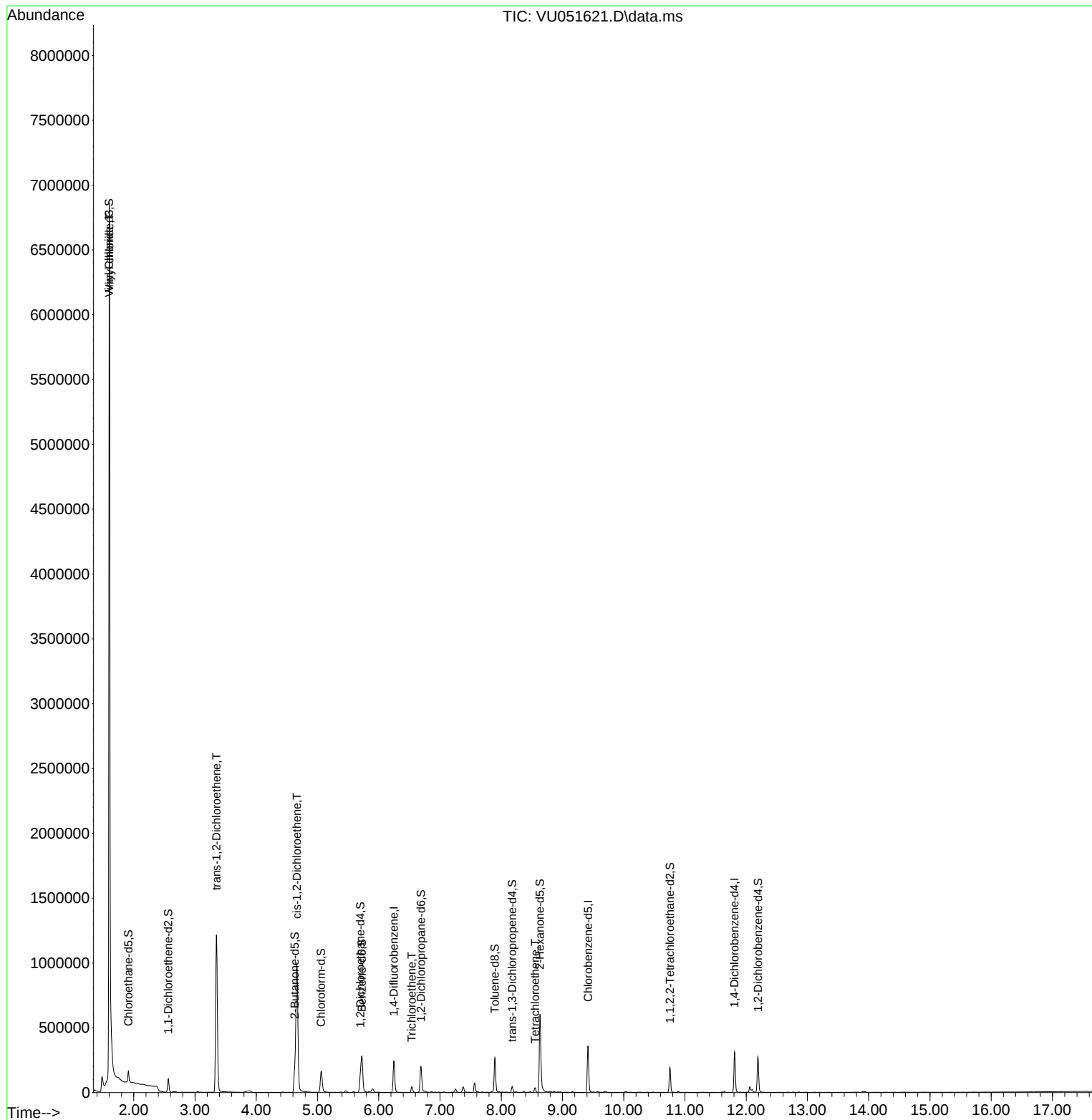
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	201455	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	211125	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	85542	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	90907	5.992	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.800%
7) Chloroethane-d5	1.913	69	62460	3.947	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.565	65	18748	3.405	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	4.629	46	285567	51.970	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.940%
24) Chloroform-d	5.060	84	155524	4.380	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	5.700	65	87160	4.544	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.726	84	272395	4.088	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	6.690	67	100754	4.325	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.896	98	183286	3.498	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.000%
43) trans-1,3-Dichloroprop...	8.179	79	25292	3.551	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.000%
46) 2-Hexanone-d5	8.633	63	205680	47.965	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.920%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	99505	4.661	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	75314	4.797	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.601	62	5095743	191.541	ug/L	95
18) trans-1,2-Dichloroethene	3.350	96	531515	28.279	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	519391	24.974	ug/L	99
34) Trichloroethene	6.539	95	15019	0.747	ug/L	97
47) Tetrachloroethene	8.552	164	8012	0.520	ug/L	90

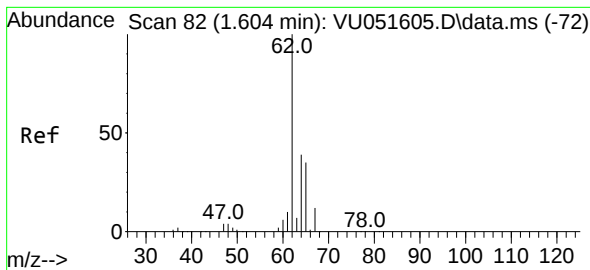
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 01 01:25:31 2022
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 191.541 ug/L

RT: 1.601 min Scan# 81

Delta R.T. -0.003 min

Lab File: VU051621.D

Acq: 31 Oct 2022 19:15

Instrument :

MSVOA_U

ClientSampleId :

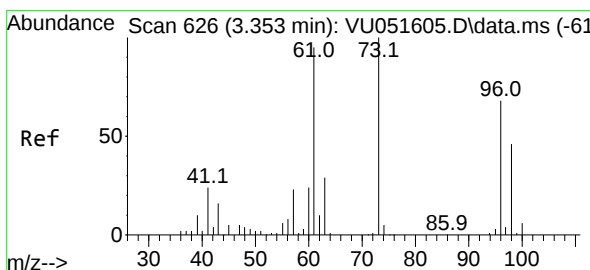
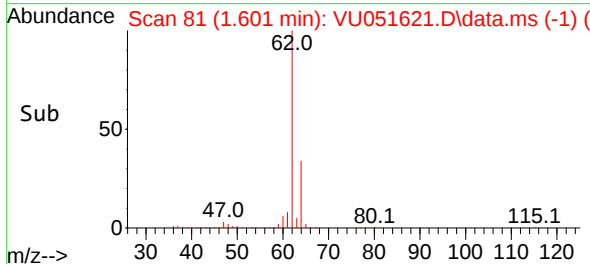
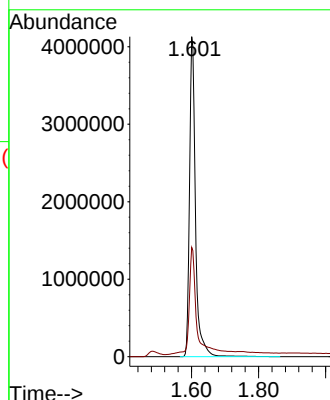
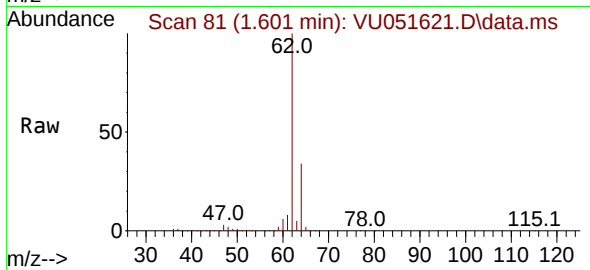
DBWU7

Tgt Ion: 62 Resp: 5095743

Ion Ratio Lower Upper

62 100

64 34.2 22.1 41.1



#18

trans-1,2-Dichloroethene

Concen: 28.279 ug/L

RT: 3.350 min Scan# 625

Delta R.T. -0.003 min

Lab File: VU051621.D

Acq: 31 Oct 2022 19:15

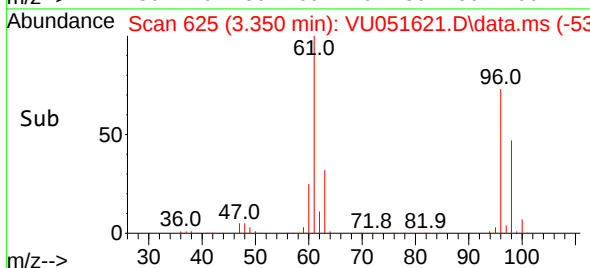
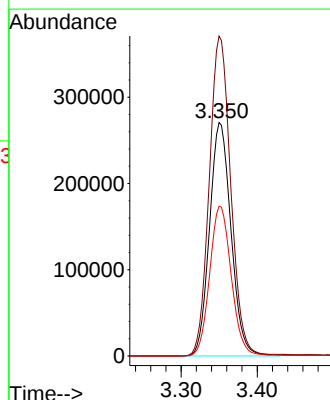
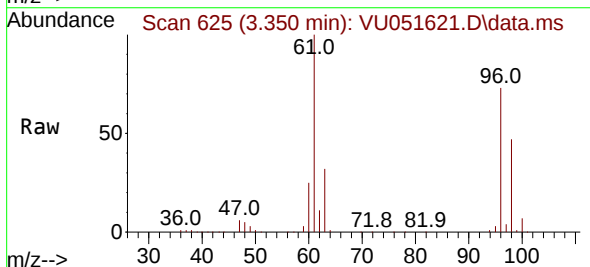
Tgt Ion: 96 Resp: 531515

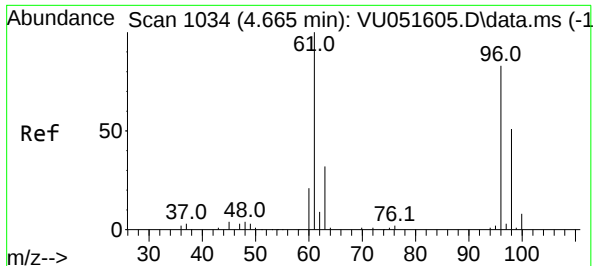
Ion Ratio Lower Upper

96 100

61 137.0 94.7 175.9

98 64.1 44.2 82.0



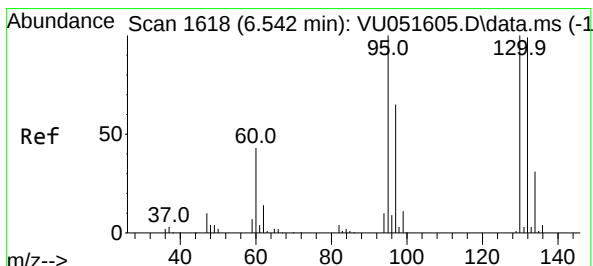
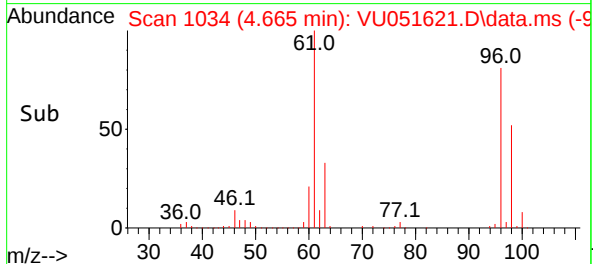
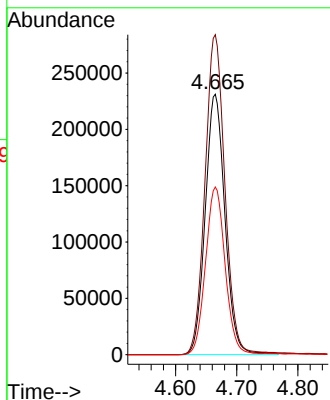
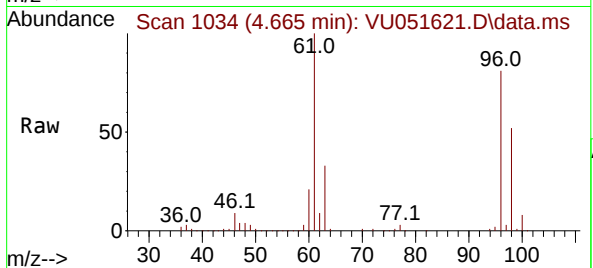


#22
 cis-1,2-Dichloroethene
 Concen: 24.974 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU051621.D
 Acq: 31 Oct 2022 19:15

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWU7

Tgt Ion: 96 Resp: 519391

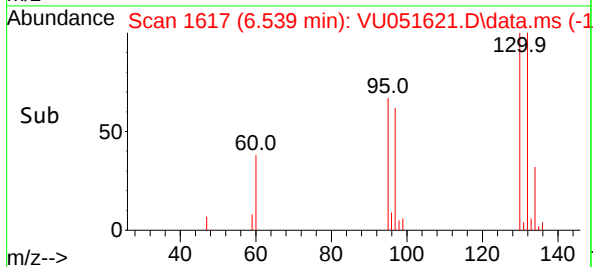
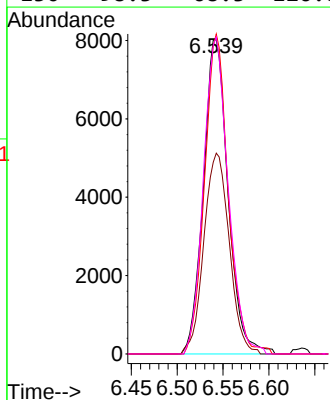
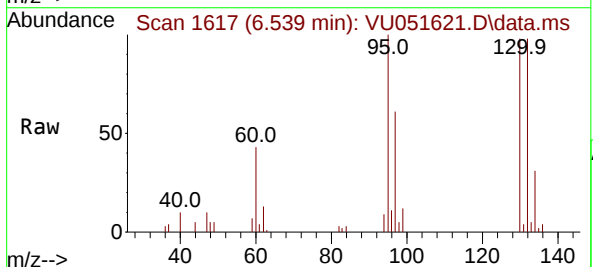
Ion	Ratio	Lower	Upper
96	100		
61	122.9	86.4	160.4
98	64.4	44.2	82.2

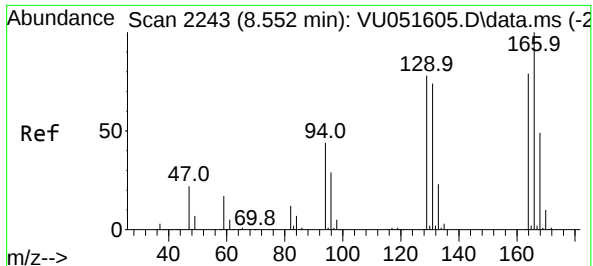


#34
 Trichloroethene
 Concen: 0.747 ug/L
 RT: 6.539 min Scan# 1617
 Delta R.T. -0.003 min
 Lab File: VU051621.D
 Acq: 31 Oct 2022 19:15

Tgt Ion: 95 Resp: 15019

Ion	Ratio	Lower	Upper
95	100		
97	61.0	45.2	84.0
132	98.0	66.5	123.5
130	98.3	68.3	126.8





#47
 Tetrachloroethene
 Concen: 0.520 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU051621.D
 Acq: 31 Oct 2022 19:15

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWU7

Tgt Ion:164	Resp:	8012
Ion	Ratio	Lower Upper
164	100	
129	105.2	64.0 118.8
131	91.5	60.7 112.7
166	134.9	86.8 161.2

