

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122823\
 Data File : VU057338.D
 Acq On : 28 Dec 2023 17:08
 Operator : MD/SY
 Sample : 06021-09DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH7Z1DL

Quant Time: Dec 28 21:38:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 21:37:03 2023
 Response via : Initial Calibration

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

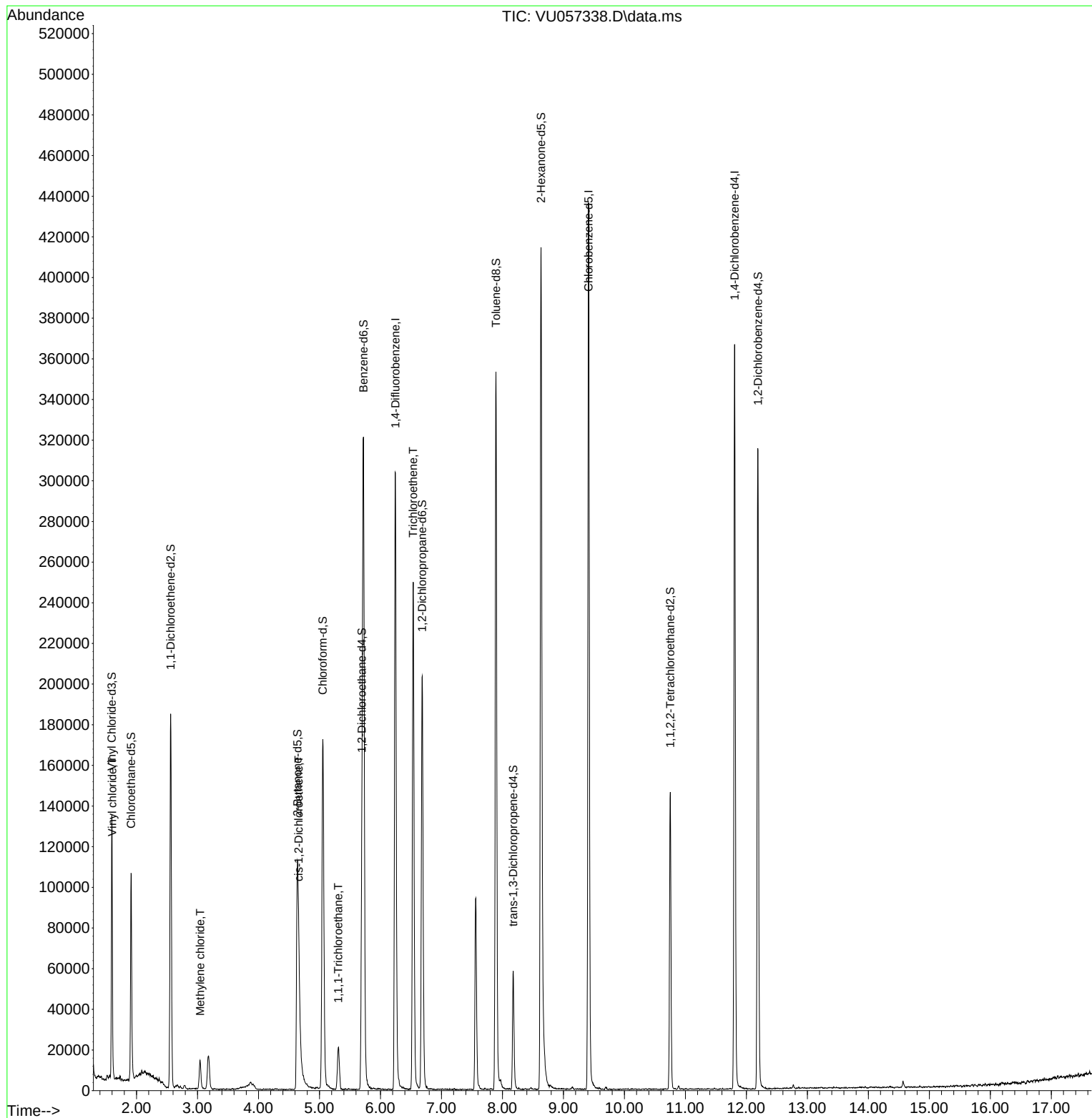
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	242339	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	241441	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	94668	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	86538	4.154	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.000%	
7) Chloroethane-d5	1.911	69	79033	4.723	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.400%	
11) 1,1-Dichloroethene-d2	2.560	65	34239	4.129	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.600%	
20) 2-Butanone-d5	4.640	46	193751	41.061	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	82.120%	
24) Chloroform-d	5.055	84	165698	4.473	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.400%	
26) 1,2-Dichloroethane-d4	5.695	65	83335	4.402	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.000%	
32) Benzene-d6	5.721	84	303643	4.412	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.200%	
36) 1,2-Dichloropropane-d6	6.685	67	101199	4.692	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.800%	
41) Toluene-d8	7.894	98	238918	4.024	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.400%	
43) trans-1,3-Dichloroprop...	8.177	79	35340	4.084	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.600%	
46) 2-Hexanone-d5	8.634	63	142108	36.258	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	72.520%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	75119	4.147	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	83.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	82145	4.765	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.400%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	6644	0.328	ug/L	# 78
16) Methylene chloride	3.042	84	7026	0.344	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	6768	0.373	ug/L	93
29) 1,1,1-Trichloroethane	5.309	97	16882	0.552	ug/L	94
34) Trichloroethene	6.537	95	89089	4.807	ug/L	96

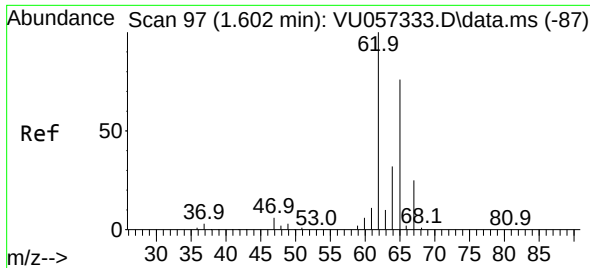
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 28 21:37:03 2023
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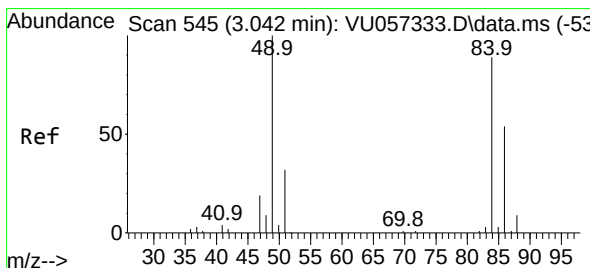
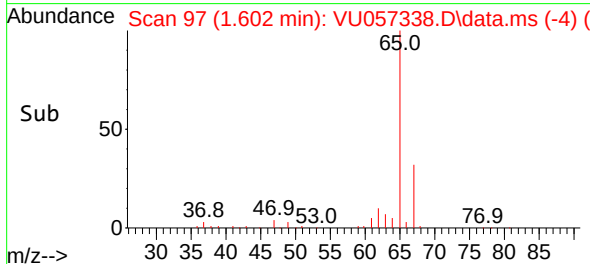
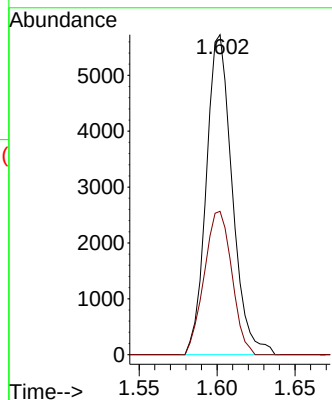
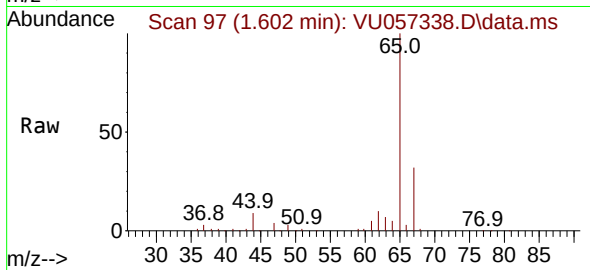




#5
 Vinyl chloride
 Concen: 0.328 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU057338.D
 Acq: 28 Dec 2023 17:08

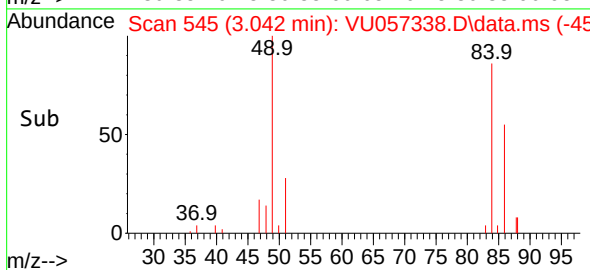
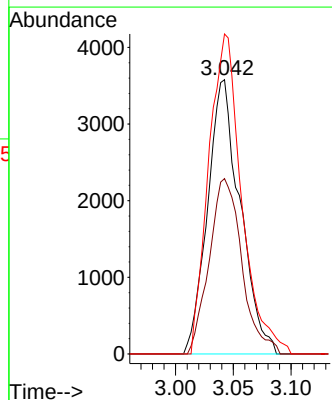
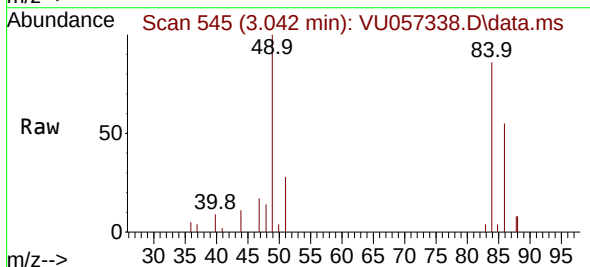
Instrument :
 MSVOA_U
 ClientSampleId :
 BH7Z1DL

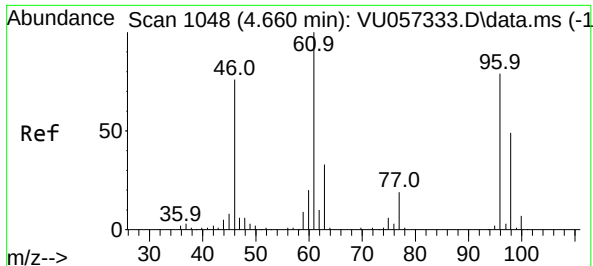
Tgt Ion: 62 Resp: 6644
 Ion Ratio Lower Upper
 62 100
 64 44.8 22.8 42.4#



#16
 Methylene chloride
 Concen: 0.344 ug/L
 RT: 3.042 min Scan# 545
 Delta R.T. -0.000 min
 Lab File: VU057338.D
 Acq: 28 Dec 2023 17:08

Tgt Ion: 84 Resp: 7026
 Ion Ratio Lower Upper
 84 100
 86 63.9 43.8 81.3
 49 116.7 83.2 154.4





#22

cis-1,2-Dichloroethene

Concen: 0.373 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.000 min

Lab File: VU057338.D

Acq: 28 Dec 2023 17:08

Instrument :

MSVOA_U

ClientSampleId :

BH7Z1DL

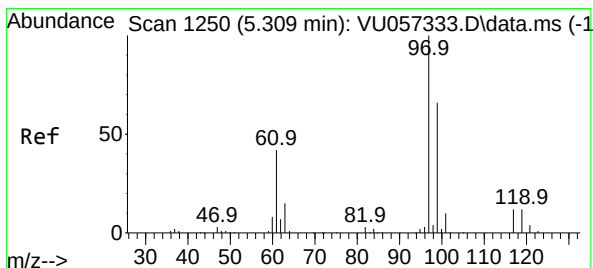
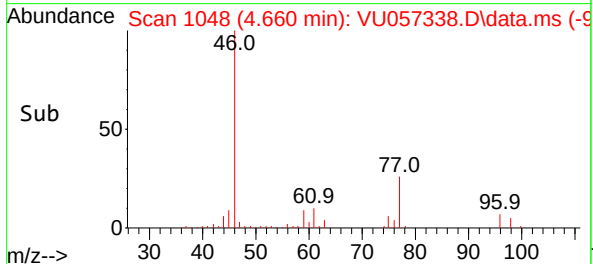
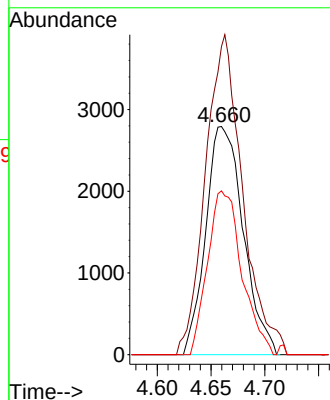
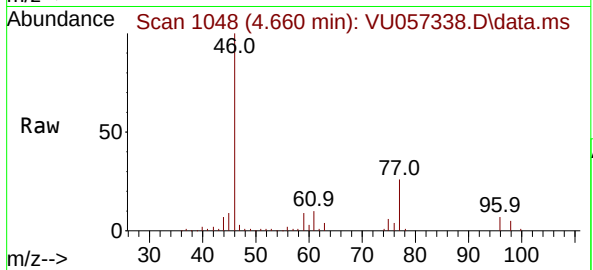
Tgt Ion: 96 Resp: 6768

Ion Ratio Lower Upper

96 100

61 135.0 91.1 169.3

98 71.8 42.6 79.0



#29

1,1,1-Trichloroethane

Concen: 0.552 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. -0.000 min

Lab File: VU057338.D

Acq: 28 Dec 2023 17:08

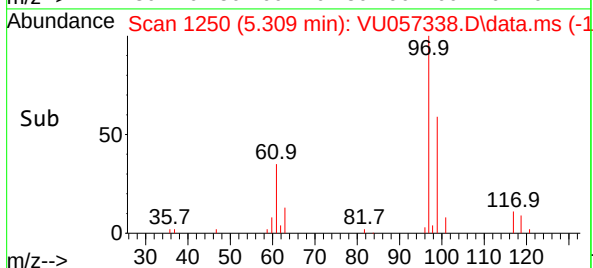
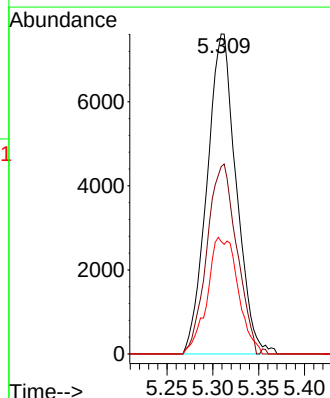
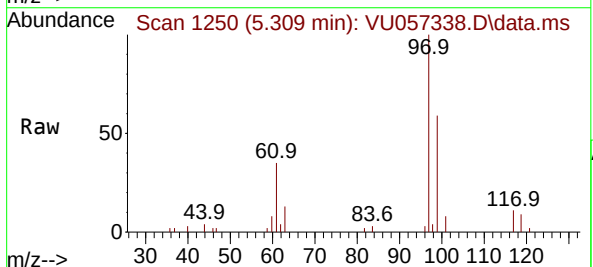
Tgt Ion: 97 Resp: 16882

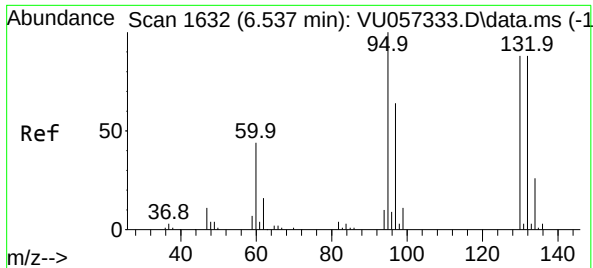
Ion Ratio Lower Upper

97 100

99 60.4 51.7 77.5

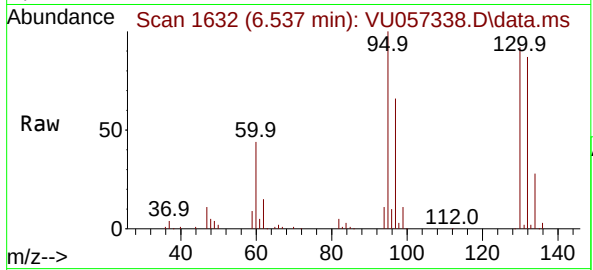
61 38.4 34.1 51.1





#34
 Trichloroethene
 Concen: 4.807 ug/L
 RT: 6.537 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VU057338.D
 Acq: 28 Dec 2023 17:08

Instrument :
 MSVOA_U
 ClientSampleId :
 BH7Z1DL



Tgt Ion: 95 Resp: 89089

Ion	Ratio	Lower	Upper
95	100		
97	65.8	45.3	84.1
132	87.2	63.1	117.3
130	91.6	67.7	125.7

