

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054950.D
 Acq On : 29 Aug 2023 12:36
 Operator : MD/SY
 Sample : 04173-03DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK7DL

Quant Time: Aug 29 22:28:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 29 22:22:50 2023
 Response via : Initial Calibration

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

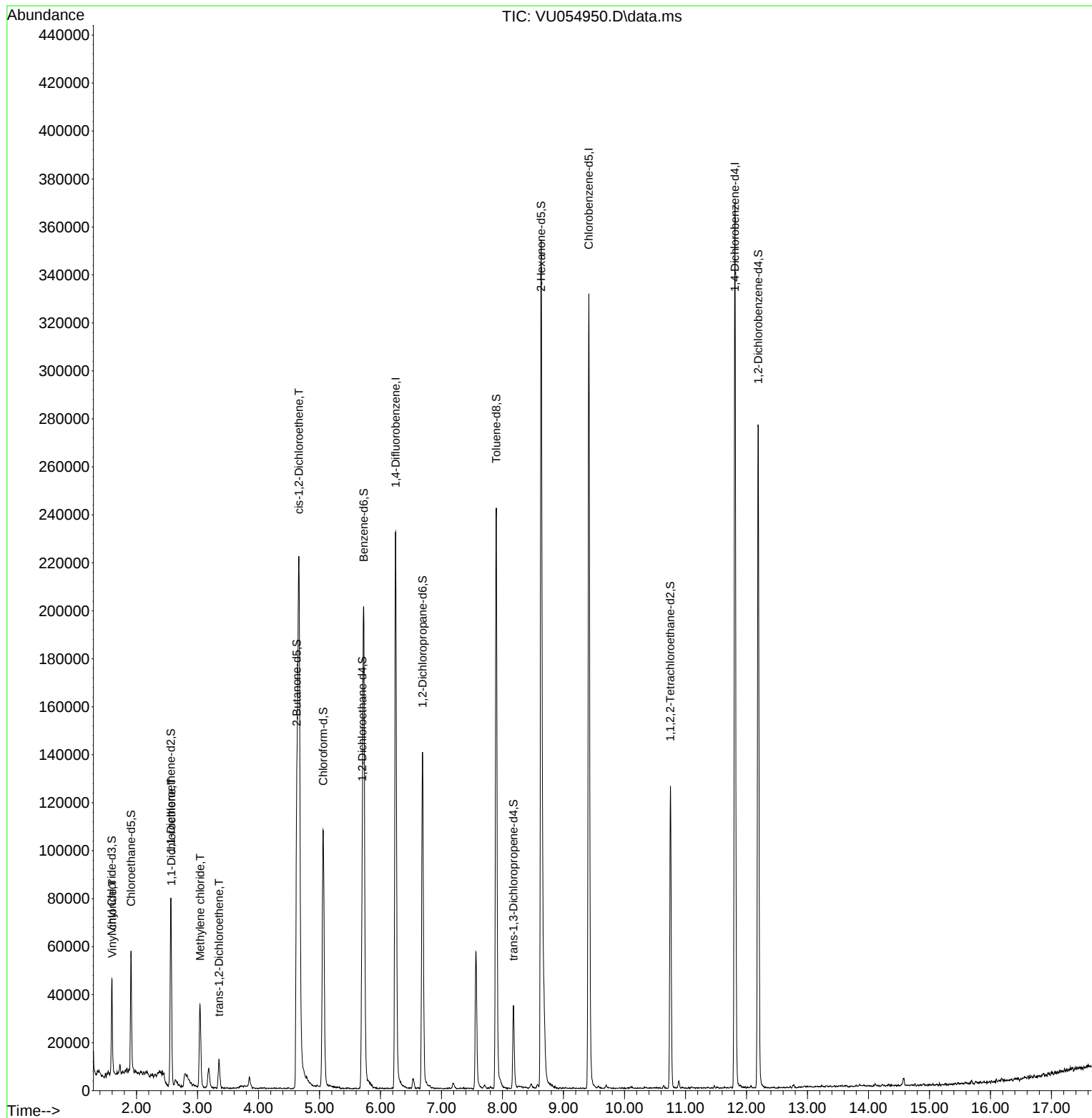
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	185566	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	179787	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	92223	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	24998	4.268	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	85.400%	
7) Chloroethane-d5	1.910	69	33634	4.445	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.000%	
11) 1,1-Dichloroethene-d2	2.563	65	14532	4.390	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.800%	
20) 2-Butanone-d5	4.627	46	180570	57.116	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	114.240%	
24) Chloroform-d	5.058	84	100622	4.631	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.600%	
26) 1,2-Dichloroethane-d4	5.701	65	56296	4.869	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.400%	
32) Benzene-d6	5.724	84	184201	4.558	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
36) 1,2-Dichloropropane-d6	6.688	67	65887	4.636	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.800%	
41) Toluene-d8	7.897	98	166133	4.292	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.800%	
43) trans-1,3-Dichloroprop...	8.180	79	20278	4.335	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.800%	
46) 2-Hexanone-d5	8.634	63	119054	53.624	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	107.240%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	61649	5.058	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.200%	
66) 1,2-Dichlorobenzene-d4	12.193	152	70121	4.762	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.200%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	3532	0.284	ug/L	97
12) 1,1-Dichloroethene	2.570	96	966	0.115	ug/L	# 1
16) Methylene chloride	3.042	84	15788	1.227	ug/L	97
18) trans-1,2-Dichloroethene	3.354	96	4513	0.493	ug/L	93
22) cis-1,2-Dichloroethene	4.663	96	97406	8.923	ug/L	94

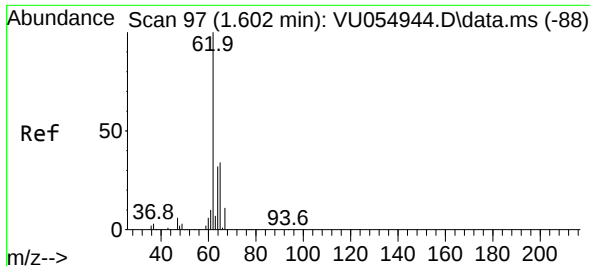
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 29 22:22:50 2023
Response via : Initial Calibration

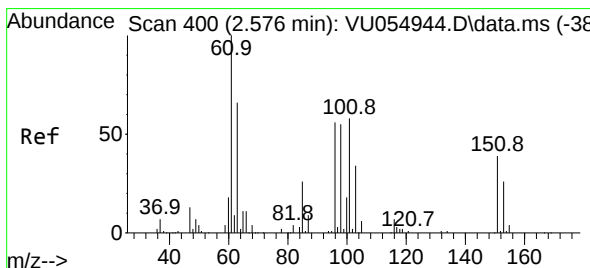
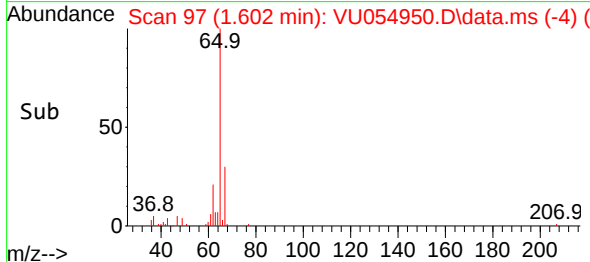
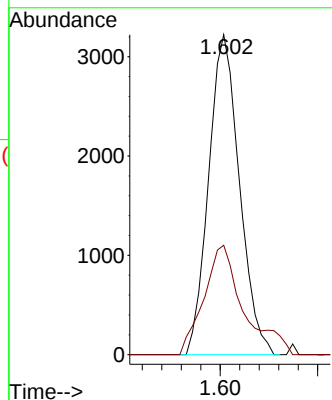
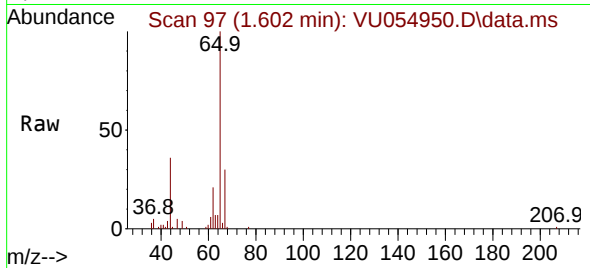




#5
 Vinyl chloride
 Concen: 0.284 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU054950.D
 Acq: 29 Aug 2023 12:36

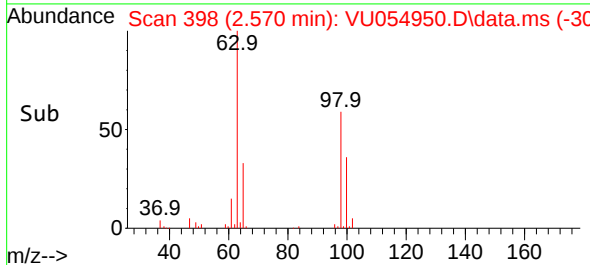
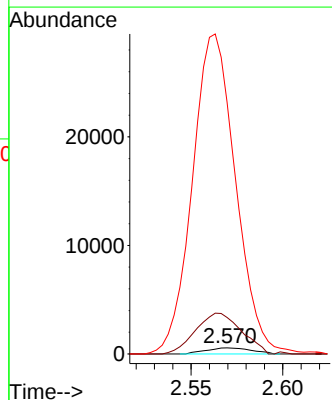
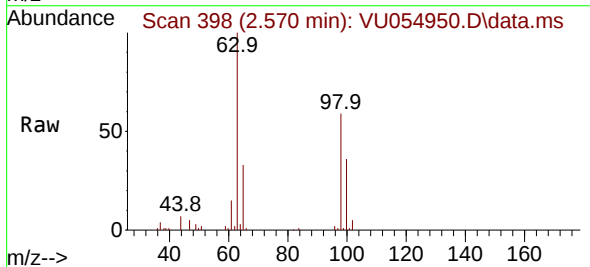
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK7DL

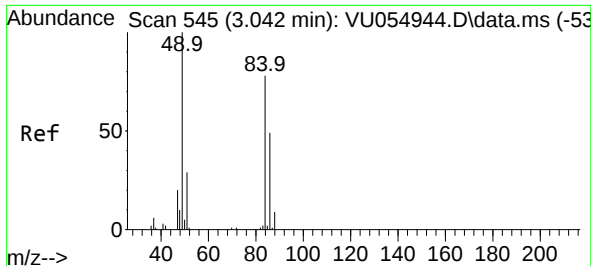
Tgt Ion: 62 Resp: 3532
 Ion Ratio Lower Upper
 62 100
 64 34.2 22.7 42.1



#12
 1,1-Dichloroethene
 Concen: 0.115 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.007 min
 Lab File: VU054950.D
 Acq: 29 Aug 2023 12:36

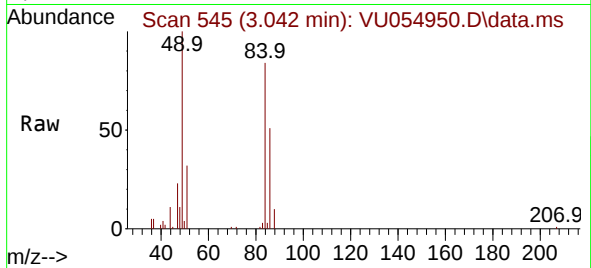
Tgt Ion: 96 Resp: 966
 Ion Ratio Lower Upper
 96 100
 61 594.3 132.4 245.8#
 63 4096.1 82.5 153.1#





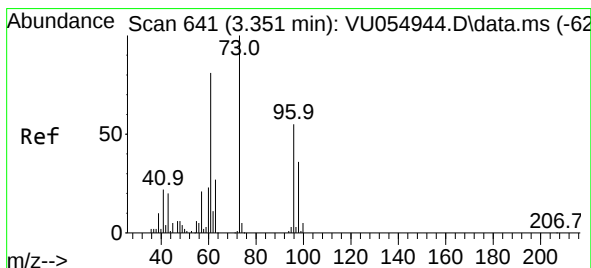
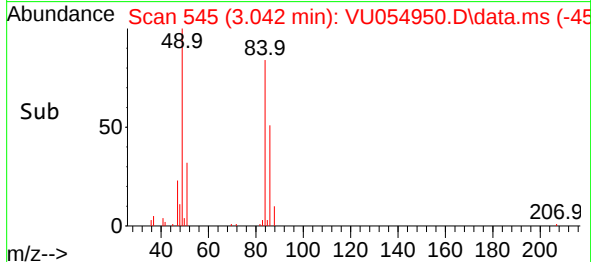
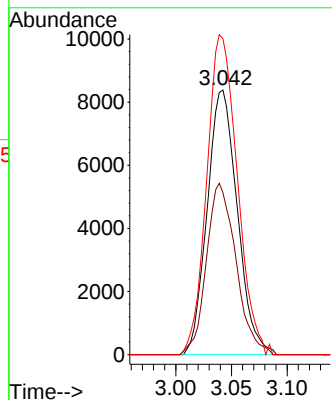
#16
Methylene chloride
Concen: 1.227 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU054950.D
Acq: 29 Aug 2023 12:36

Instrument :
MSVOA_U
ClientSampleId :
C0AK7DL



Tgt Ion: 84 Resp: 15788

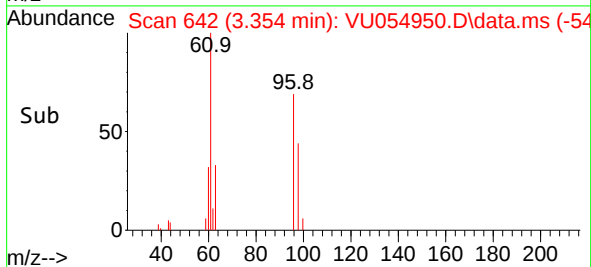
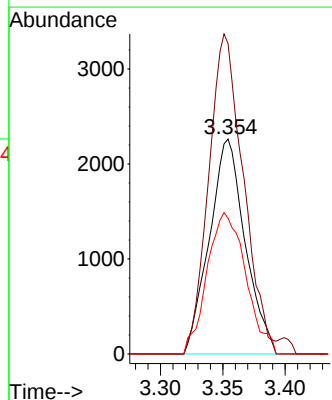
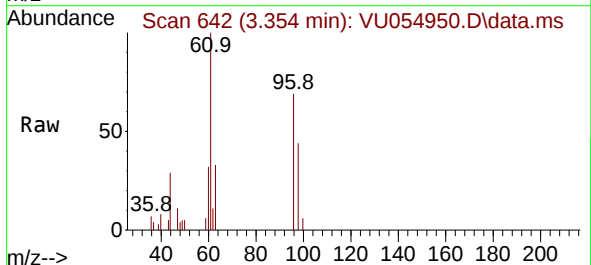
Ion	Ratio	Lower	Upper
84	100		
86	61.2	45.1	83.7
49	124.3	89.5	166.3

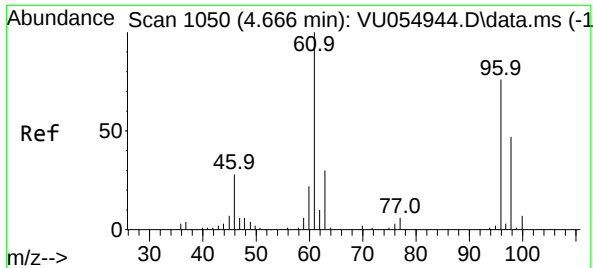


#18
trans-1,2-Dichloroethene
Concen: 0.493 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU054950.D
Acq: 29 Aug 2023 12:36

Tgt Ion: 96 Resp: 4513

Ion	Ratio	Lower	Upper
96	100		
61	144.4	108.8	202.0
98	63.2	45.8	85.2





#22
 cis-1,2-Dichloroethene
 Concen: 8.923 ug/L
 RT: 4.663 min Scan# 10
 Delta R.T. -0.003 min
 Lab File: VU054950.D
 Acq: 29 Aug 2023 12:36

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK7DL

Tgt Ion: 96	Resp:	97406
Ion	Ratio	Lower Upper
96	100	
61	135.1	88.4 164.2
98	60.0	44.0 81.6

