

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062880.D
 Acq On : 17 Jan 2025 18:39
 Operator : MD/SY
 Sample : Q1071-16DL 20X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ80DL

Quant Time: Jan 17 22:02:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 17 21:53:56 2025
 Response via : Initial Calibration

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

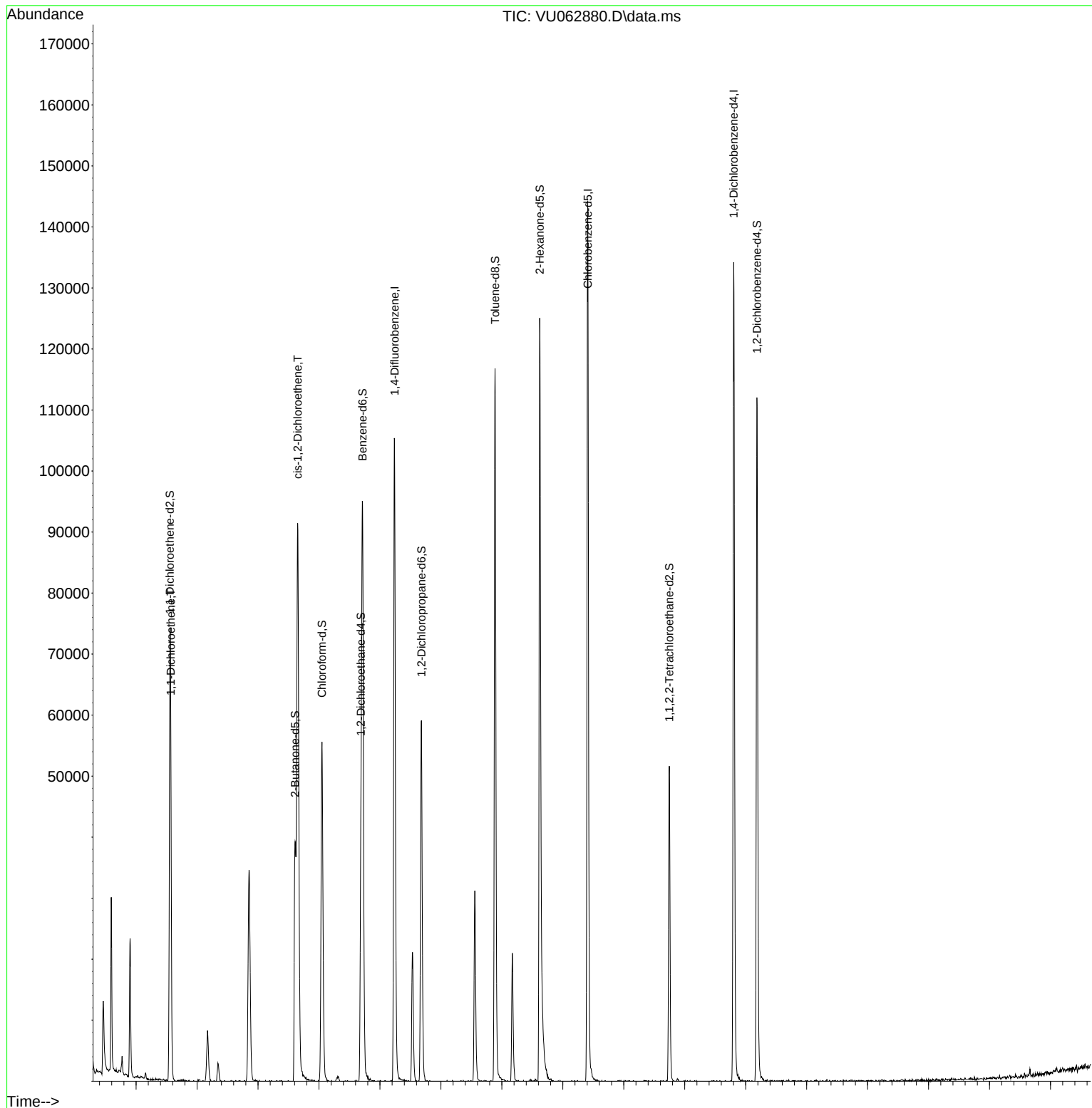
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	86662	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	81288	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	38070	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	18285	3.810	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.901	69	16881	4.372	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.554	65	9894	3.979	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	4.608	46	54529	55.587	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.180%
24) Chloroform-d	5.049	84	54204	4.590	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.689	65	33458	5.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.714	84	89356	4.497	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.679	67	25524	4.633	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.888	98	80231	4.144	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	8.171	79	12817	4.667	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.621	63	44646	51.691	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.380%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23713	5.139	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	31943	5.043	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						
12) 1,1-Dichloroethene	2.570	96	12580	2.338	ug/L	83
18) trans-1,2-Dichloroethene	3.342	96	1316	0.228	ug/L	96
19) 1,1-Dichloroethane	3.853	63	38191	3.706	ug/L	94
22) cis-1,2-Dichloroethene	4.650	96	48774	7.771	ug/L	97
34) Trichloroethene	6.534	95	7498	0.940	ug/L	96

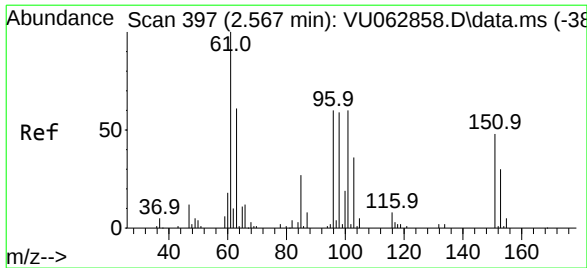
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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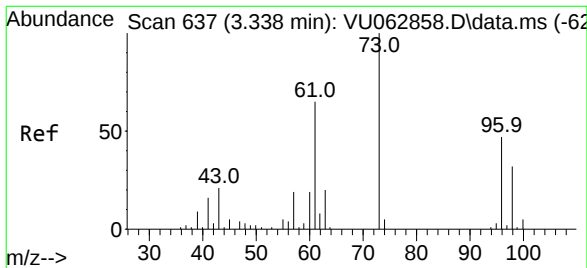
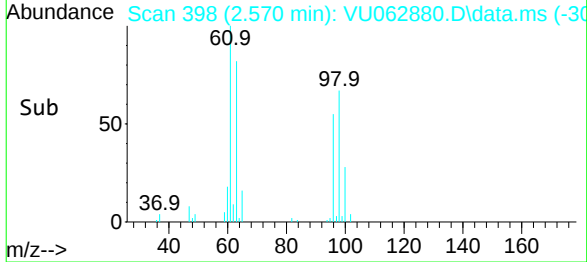
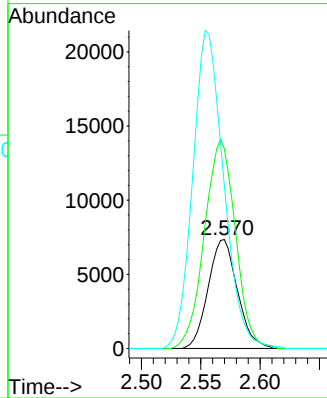
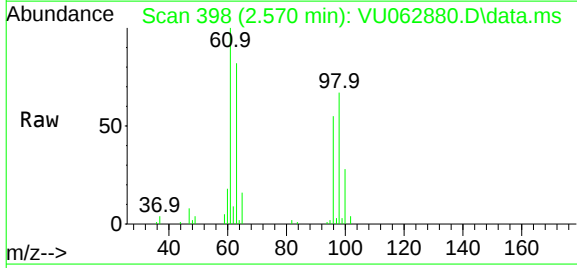




#12
1,1-Dichloroethene
Concen: 2.338 ug/L
RT: 2.570 min Scan# 39
Delta R.T. 0.003 min
Lab File: VU062880.D
Acq: 17 Jan 2025 18:39

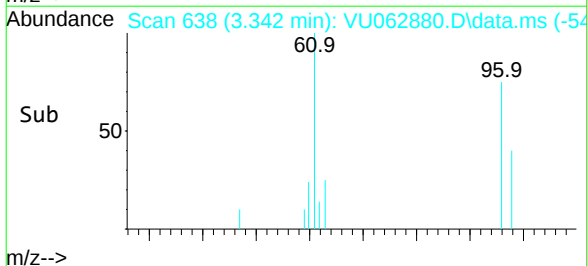
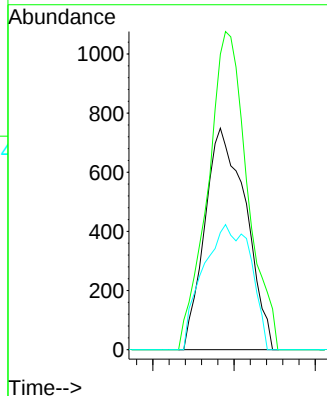
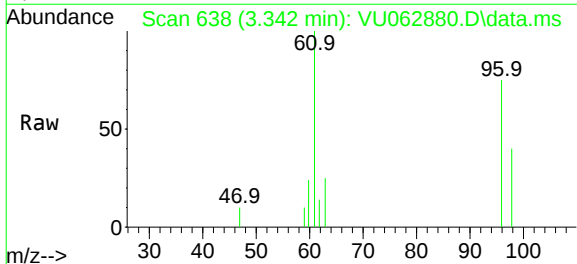
Instrument :
MSVOA_U
ClientSampleId :
GCQ80DL

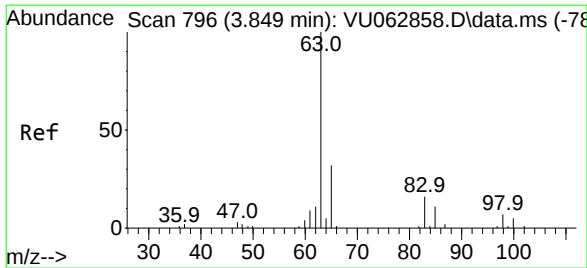
Tgt Ion:	96	Resp:	12580
Ion	Ratio	Lower	Upper
96	100		
61	183.3	120.4	223.6
63	149.5	82.3	152.9



#18
trans-1,2-Dichloroethene
Concen: 0.228 ug/L
RT: 3.342 min Scan# 638
Delta R.T. 0.003 min
Lab File: VU062880.D
Acq: 17 Jan 2025 18:39

Tgt Ion:	96	Resp:	1316
Ion	Ratio	Lower	Upper
96	100		
61	133.4	94.4	175.2
98	52.9	42.8	79.4

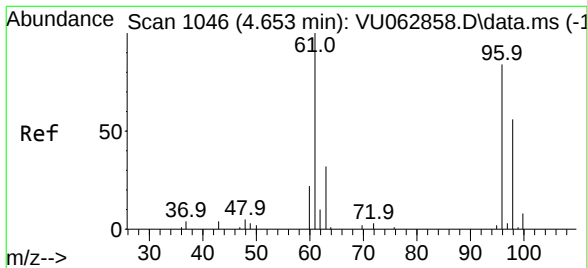
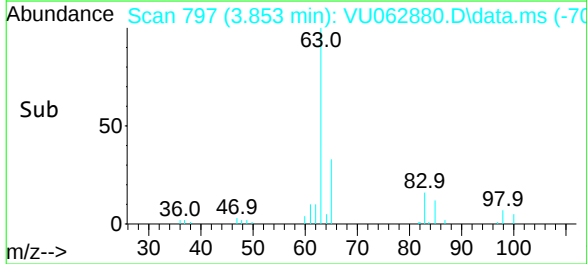
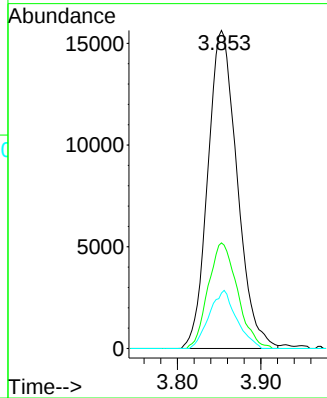
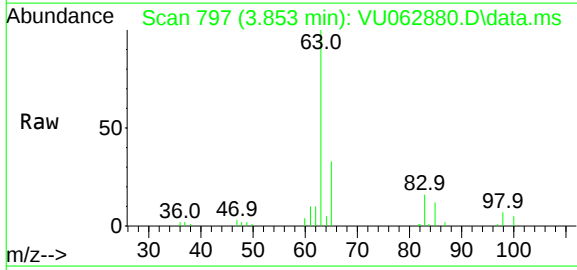




#19
1,1-Dichloroethane
Concen: 3.706 ug/L
RT: 3.853 min Scan# 79
Delta R.T. 0.003 min
Lab File: VU062880.D
Acq: 17 Jan 2025 18:39

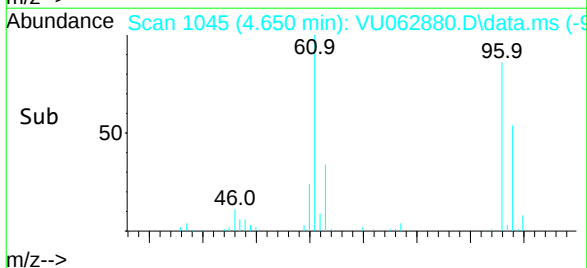
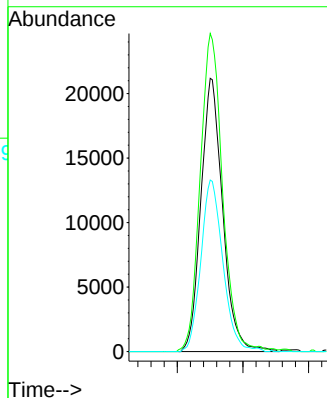
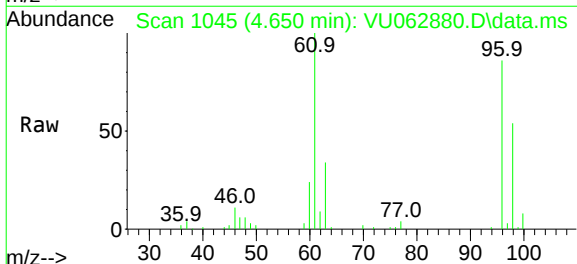
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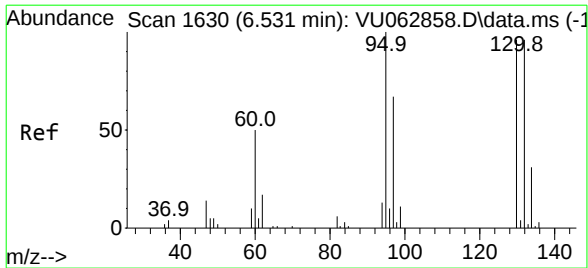
Tgt Ion: 63 Resp: 38191
Ion Ratio Lower Upper
63 100
65 33.2 20.7 38.5
83 17.4 10.5 19.5



#22
cis-1,2-Dichloroethene
Concen: 7.771 ug/L
RT: 4.650 min Scan# 1045
Delta R.T. -0.003 min
Lab File: VU062880.D
Acq: 17 Jan 2025 18:39

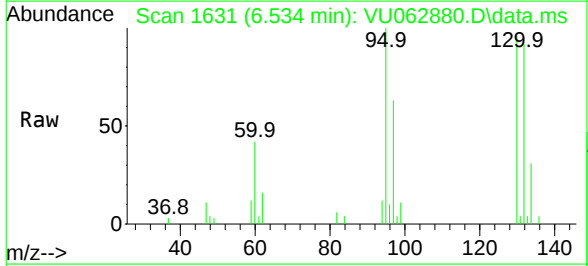
Tgt Ion: 96 Resp: 48774
Ion Ratio Lower Upper
96 100
61 116.4 84.8 157.6
98 62.8 43.1 80.1





#34
 Trichloroethene
 Concen: 0.940 ug/L
 RT: 6.534 min Scan# 16
 Delta R.T. 0.003 min
 Lab File: VU062880.D
 Acq: 17 Jan 2025 18:39

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ80DL



Tgt Ion:	95	Resp:	7498
Ion	Ratio	Lower	Upper
95	100		
97	62.7	47.5	88.3
132	92.0	66.9	124.3
130	95.6	68.6	127.4

