

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
 Data File : VU062811.D
 Acq On : 16 Jan 2025 11:45
 Operator : MD/SY
 Sample : Q1071-20
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ84

Quant Time: Jan 16 22:04:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 22:02:47 2025
 Response via : Initial Calibration

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

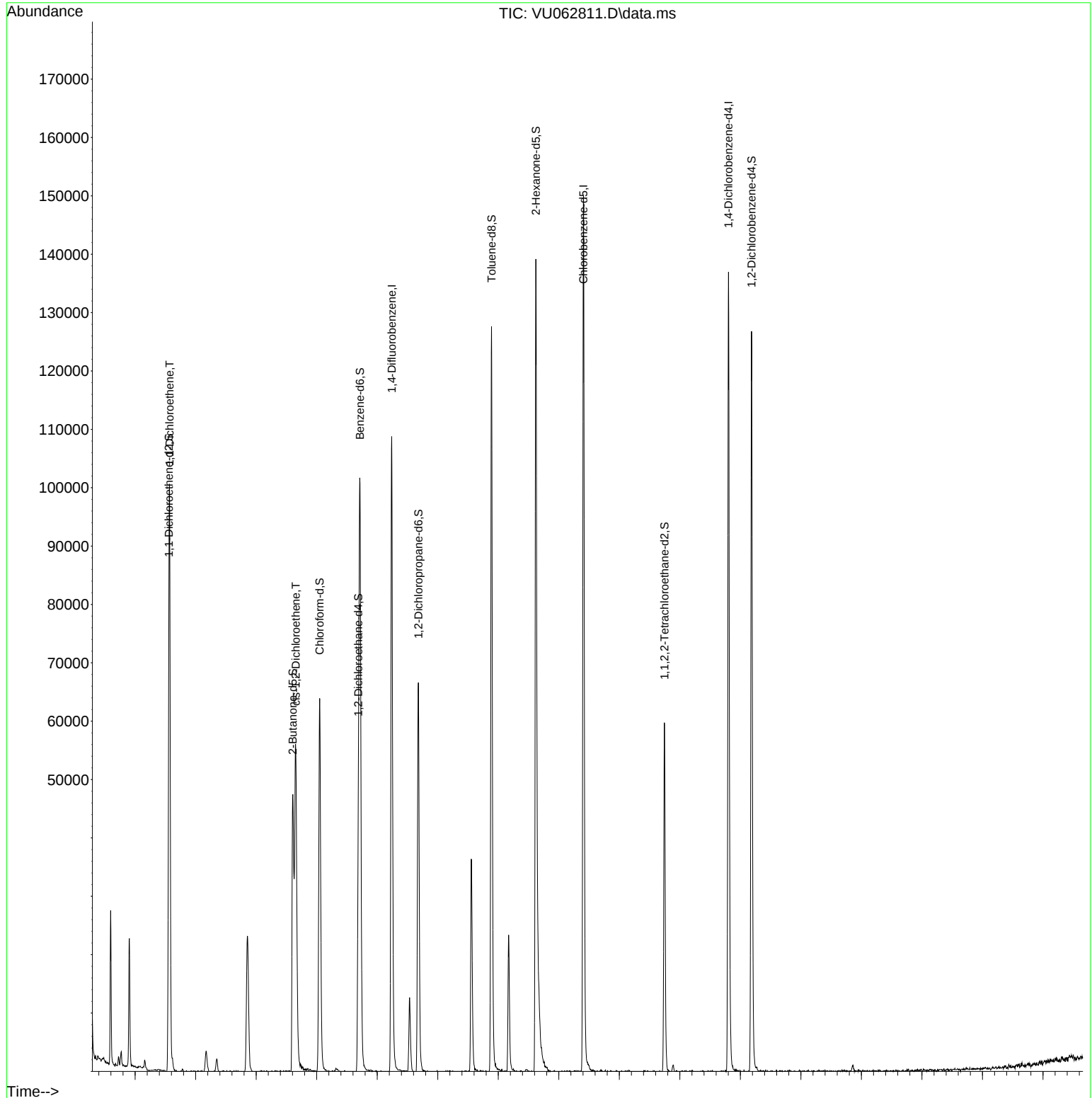
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	90261	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	85184	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	39570	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	15149	3.030	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.600%
7) Chloroethane-d5	1.904	69	15848	3.941	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.557	65	9380	3.622	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.400%
20) 2-Butanone-d5	4.602	46	67138	65.712	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.420%#
24) Chloroform-d	5.049	84	60453	4.915	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.689	65	35769	5.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
32) Benzene-d6	5.714	84	96668	4.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.679	67	29256	5.067	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.888	98	87350	4.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.171	79	14569	5.062	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.200%
46) 2-Hexanone-d5	8.621	63	52469	57.970	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.940%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27948	5.780	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	36498	5.544	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.800%
Target Compounds						
12) 1,1-Dichloroethene	2.570	96	24695	4.407	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	1053	0.175	ug/L	98
19) 1,1-Dichloroethane	3.853	63	27294	2.543	ug/L	97
22) cis-1,2-Dichloroethene	4.653	96	28686	4.388	ug/L	97
34) Trichloroethene	6.534	95	4316	0.516	ug/L	95

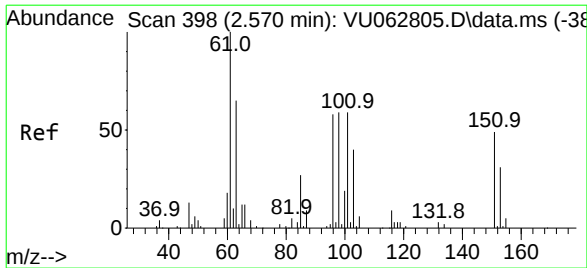
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
Data File : VU062811.D
Acq On : 16 Jan 2025 11:45
Operator : MD/SY
Sample : Q1071-20
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCQ84

Quant Time: Jan 16 22:04:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 16 22:02:47 2025
Response via : Initial Calibration

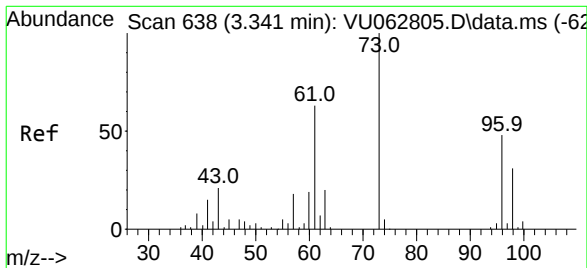
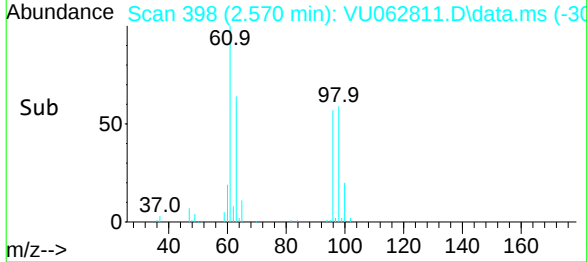
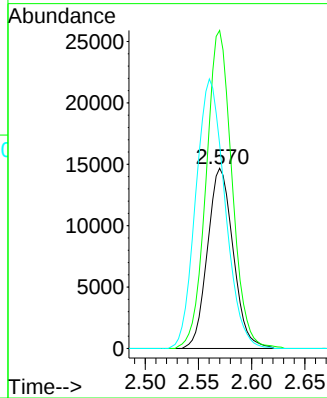
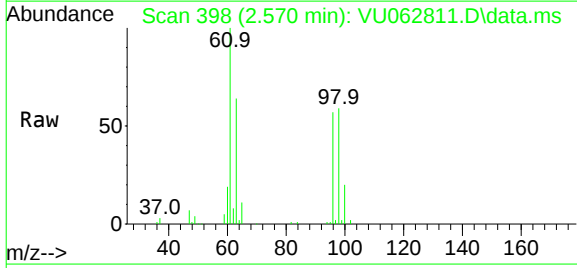




#12
1,1-Dichloroethene
Concen: 4.407 ug/L
RT: 2.570 min Scan# 39
Delta R.T. 0.000 min
Lab File: VU062811.D
Acq: 16 Jan 2025 11:45

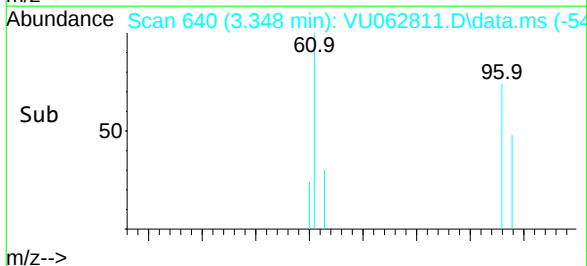
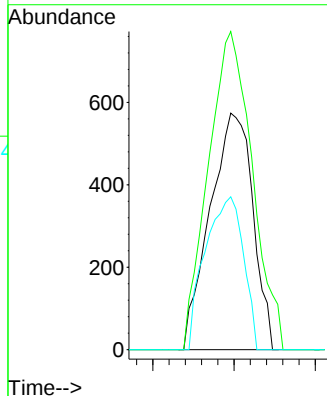
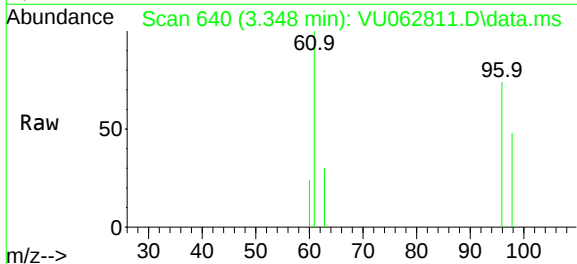
Instrument :
MSVOA_U
ClientSampleId :
GCQ84

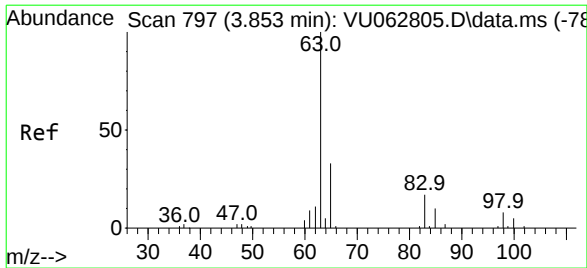
Tgt Ion: 96 Resp: 24695
Ion Ratio Lower Upper
96 100
61 176.5 120.4 223.6
63 113.4 82.3 152.9



#18
trans-1,2-Dichloroethene
Concen: 0.175 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.007 min
Lab File: VU062811.D
Acq: 16 Jan 2025 11:45

Tgt Ion: 96 Resp: 1053
Ion Ratio Lower Upper
96 100
61 134.5 94.4 175.2
98 64.6 42.8 79.4

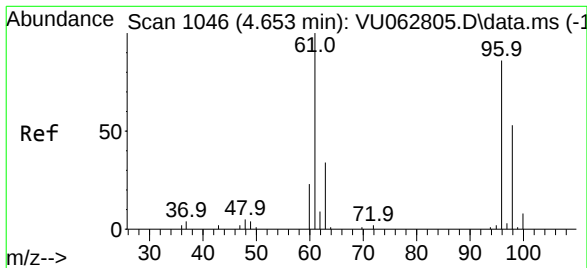
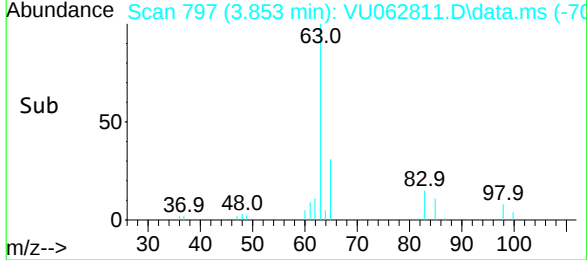
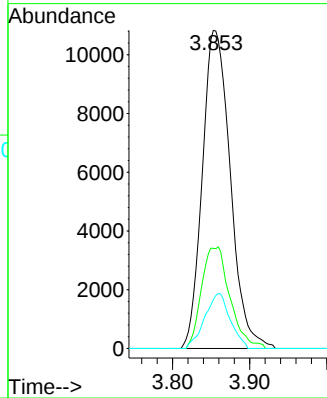
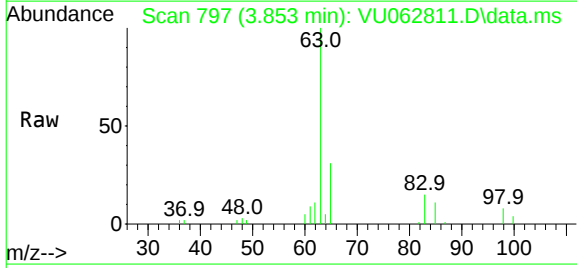




#19
1,1-Dichloroethane
Concen: 2.543 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU062811.D
Acq: 16 Jan 2025 11:45

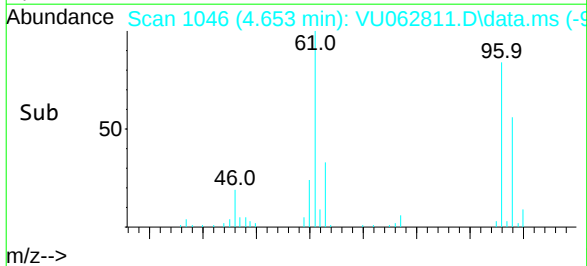
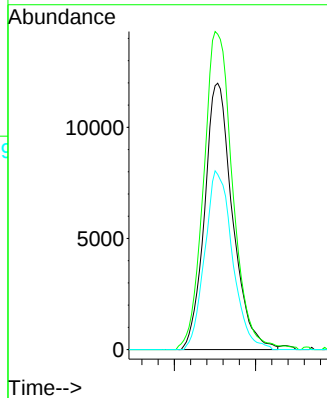
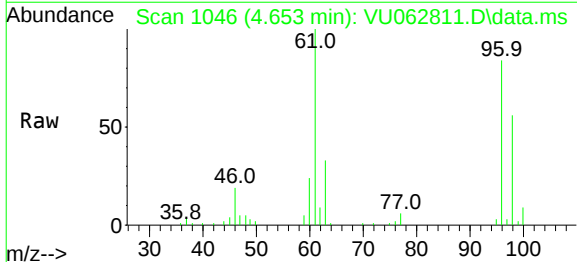
Instrument :
MSVOA_U
ClientSampleId :
GCQ84

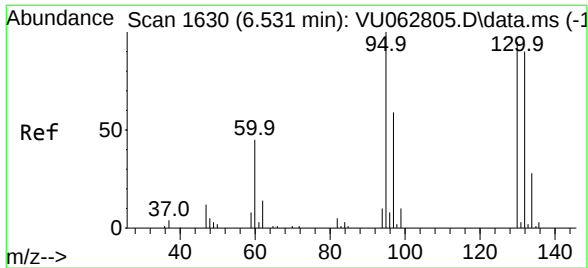
Tgt Ion:	63	Resp:	27294
Ion	Ratio	Lower	Upper
63	100		
65	31.5	20.7	38.5
83	15.3	10.5	19.5



#22
cis-1,2-Dichloroethene
Concen: 4.388 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. 0.000 min
Lab File: VU062811.D
Acq: 16 Jan 2025 11:45

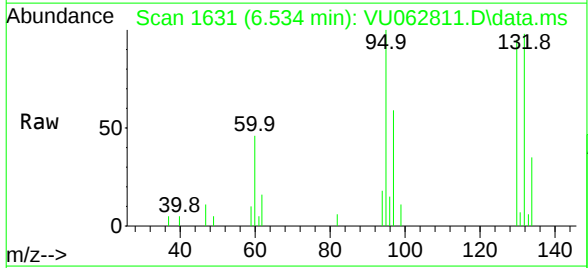
Tgt Ion:	96	Resp:	28686
Ion	Ratio	Lower	Upper
96	100		
61	118.4	84.8	157.6
98	65.8	43.1	80.1





#34
 Trichloroethene
 Concen: 0.516 ug/L
 RT: 6.534 min Scan# 16
 Delta R.T. 0.003 min
 Lab File: VU062811.D
 Acq: 16 Jan 2025 11:45

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ84



Tgt Ion:	95	Resp:	4316
Ion	Ratio	Lower	Upper
95	100		
97	59.4	47.5	88.3
132	98.2	66.9	124.3
130	95.4	68.6	127.4

