

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062782.D
 Acq On : 15 Jan 2025 22:22
 Operator : MD/SY
 Sample : Q1058-16
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Y5

Quant Time: Jan 16 02:08:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 01:55:19 2025
 Response via : Initial Calibration

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

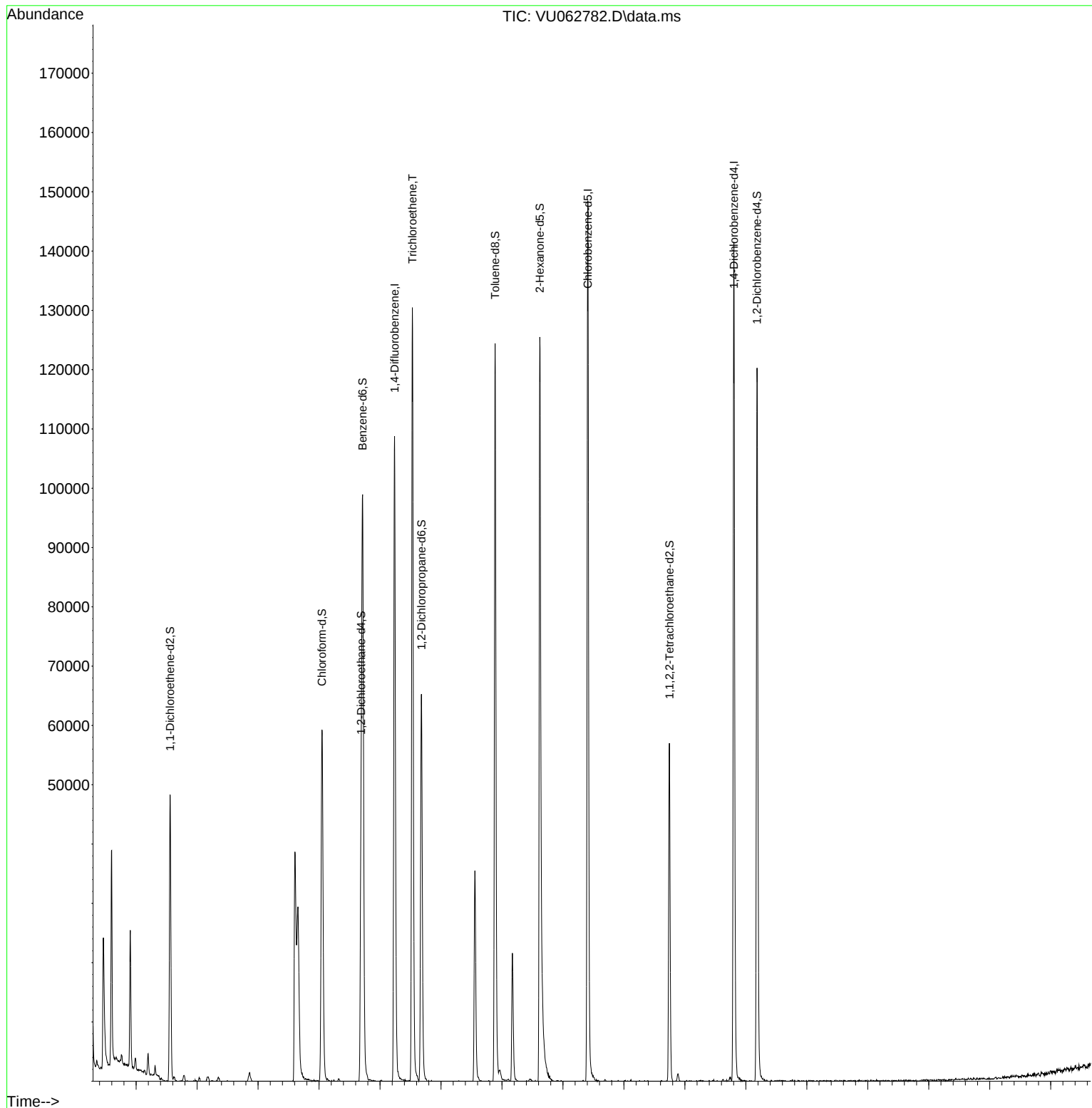
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	89740	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	85276	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40185	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	15915	3.202	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.000%
7) Chloroethane-d5	1.904	69	16668	4.169	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.557	65	9566	3.715	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	4.605	46	54900	54.046	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.100%
24) Chloroform-d	5.049	84	59466	4.863	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.689	65	35393	5.336	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.714	84	94801	4.548	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.679	67	29367	5.081	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.888	98	84417	4.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	8.171	79	13830	4.800	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	8.621	63	46587	51.416	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.840%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26201	5.413	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	12.183	152	35223	5.268	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						
5) Vinyl chloride	1.602	62	9197	1.424	ug/L #	72
19) 1,1-Dichloroethane	3.859	63	2047	0.192	ug/L	89
22) cis-1,2-Dichloroethene	4.656	96	14546	2.238	ug/L	96
34) Trichloroethene	6.531	95	44707	5.342	ug/L	96

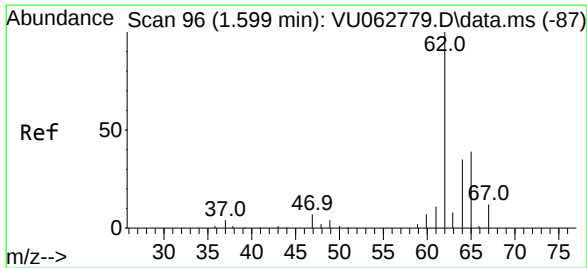
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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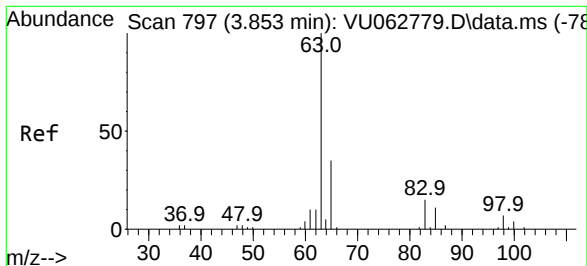
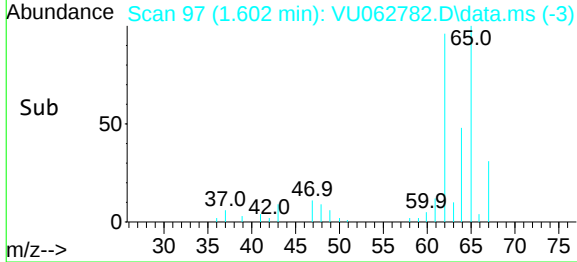
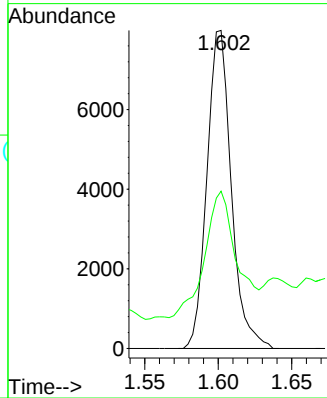
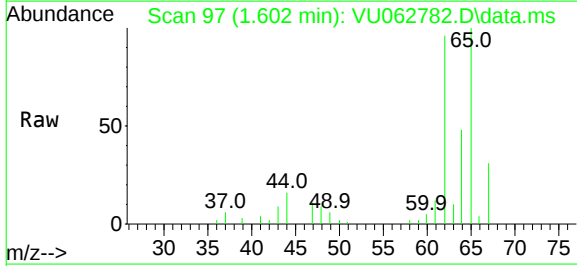




#5
 Vinyl chloride
 Concen: 1.424 ug/L
 RT: 1.602 min Scan# 97
 Delta R.T. 0.003 min
 Lab File: VU062782.D
 Acq: 15 Jan 2025 22:22

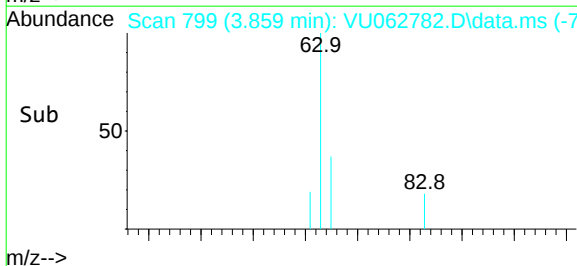
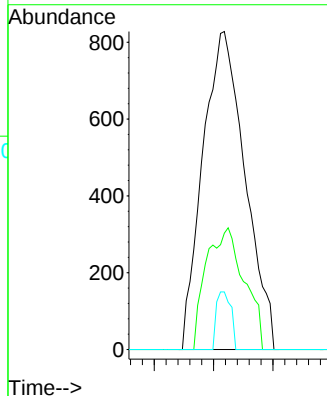
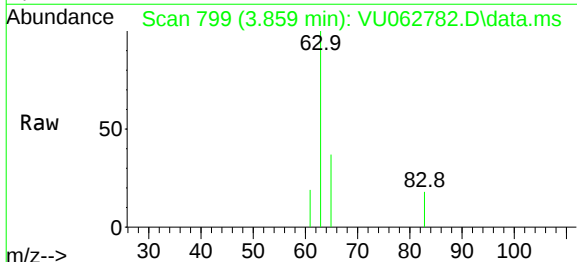
Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Y5

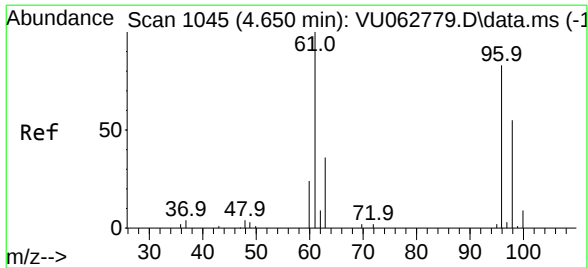
Tgt Ion: 62 Resp: 9197
 Ion Ratio Lower Upper
 62 100
 64 49.5 23.4 43.4#



#19
 1,1-Dichloroethane
 Concen: 0.192 ug/L
 RT: 3.859 min Scan# 799
 Delta R.T. 0.006 min
 Lab File: VU062782.D
 Acq: 15 Jan 2025 22:22

Tgt Ion: 63 Resp: 2047
 Ion Ratio Lower Upper
 63 100
 65 36.6 20.7 38.5
 83 18.1 10.5 19.5

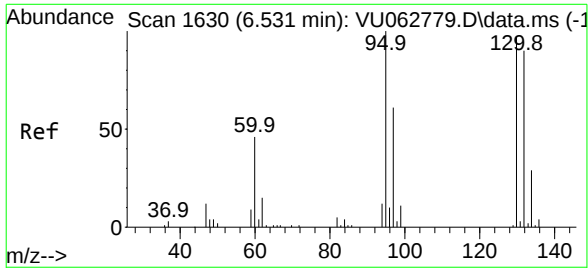
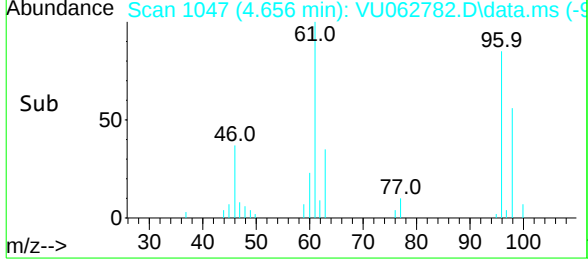
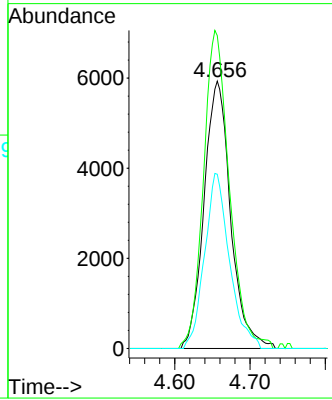
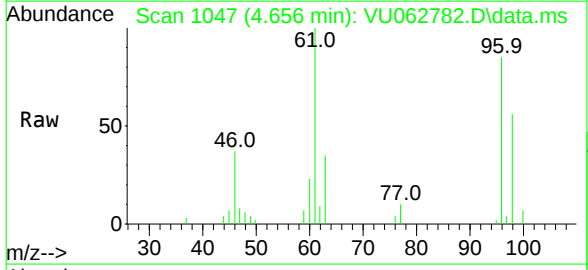




#22
 cis-1,2-Dichloroethene
 Concen: 2.238 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. 0.006 min
 Lab File: VU062782.D
 Acq: 15 Jan 2025 22:22

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Tgt Ion:	96	Resp:	14546
Ion	Ratio	Lower	Upper
96	100		
61	117.0	84.8	157.6
98	65.2	43.1	80.1



#34
 Trichloroethene
 Concen: 5.342 ug/L
 RT: 6.531 min Scan# 1630
 Delta R.T. -0.000 min
 Lab File: VU062782.D
 Acq: 15 Jan 2025 22:22

Tgt Ion:	95	Resp:	44707
Ion	Ratio	Lower	Upper
95	100		
97	63.8	47.5	88.3
132	90.8	66.9	124.3
130	95.5	68.6	127.4

