

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062784.D
 Acq On : 15 Jan 2025 23:11
 Operator : MD/SY
 Sample : Q1059-01DL 20X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Z0DL

Quant Time: Jan 16 02:08:38 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)

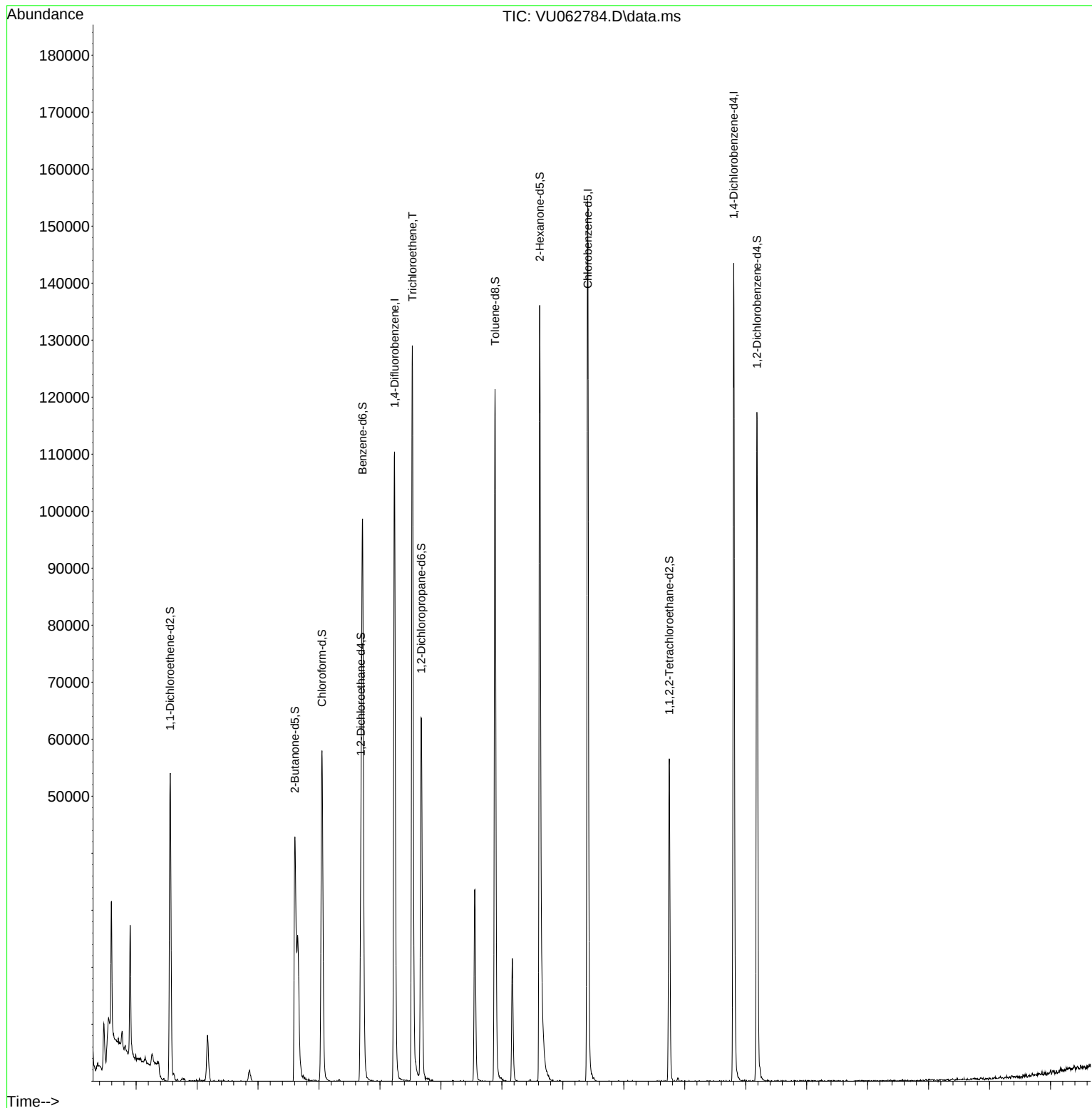
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	91918	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	89403	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41232	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	15115	2.969	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.400%
7) Chloroethane-d5	1.901	69	16238	3.965	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.400%
11) 1,1-Dichloroethene-d2	2.557	65	8944	3.391	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.800%
20) 2-Butanone-d5	4.605	46	62145	59.728	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.460%
24) Chloroform-d	5.049	84	57802	4.615	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.688	65	34041	5.011	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.714	84	92698	4.242	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.676	67	27670	4.567	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.888	98	84117	3.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	8.171	79	12842	4.252	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.621	63	50233	52.880	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.760%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26266	5.176	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	34112	4.973	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
12) 1,1-Dichloroethene	2.573	96	5242	0.919	ug/L #	62
19) 1,1-Dichloroethane	3.862	63	2719	0.249	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	12232	1.837	ug/L	91
34) Trichloroethene	6.531	95	45616	5.199	ug/L	96

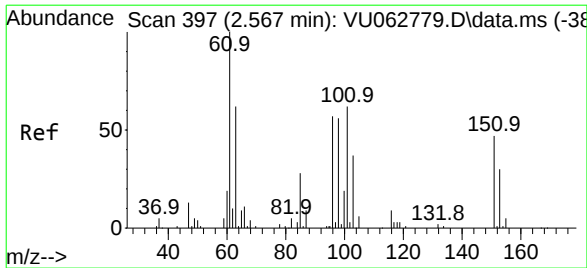
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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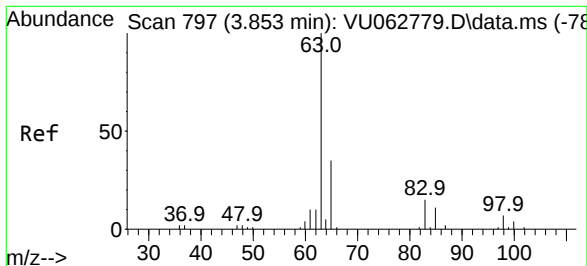
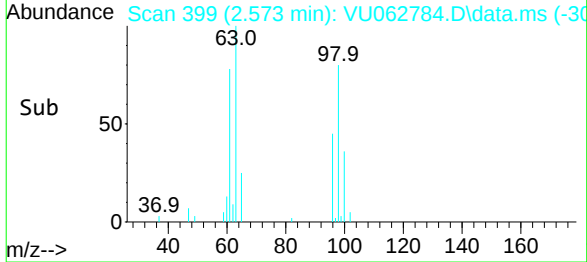
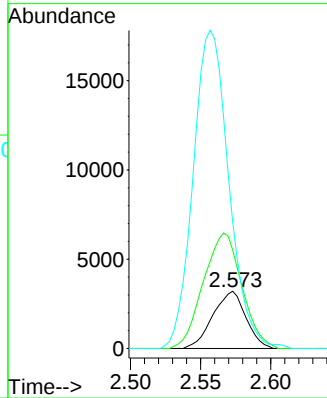
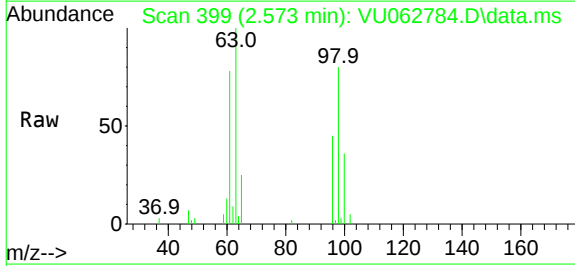




#12
1,1-Dichloroethene
Concen: 0.919 ug/L
RT: 2.573 min Scan# 39
Delta R.T. 0.006 min
Lab File: VU062784.D
Acq: 15 Jan 2025 23:11

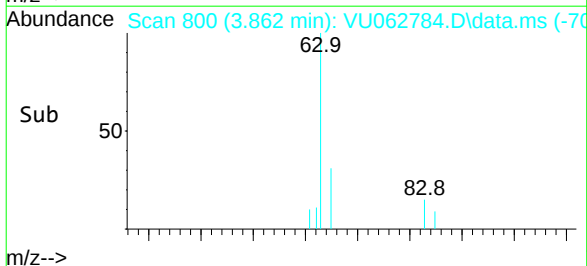
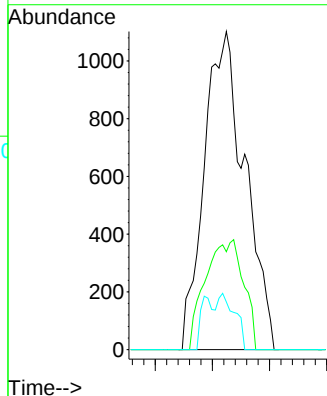
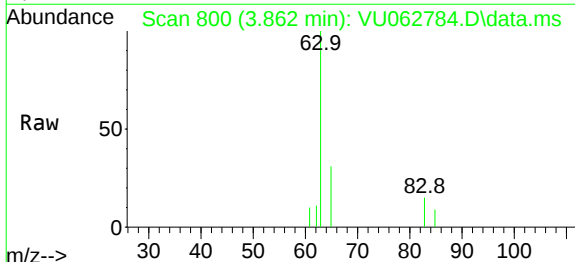
Instrument :
MSVOA_U
ClientSampleId :
BH8Z0DL

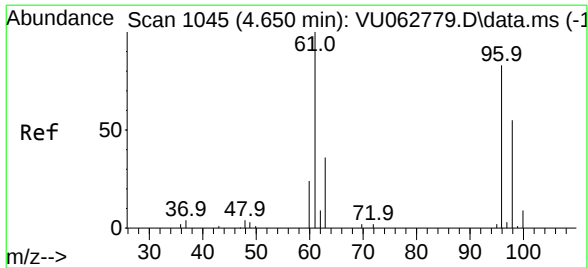
Tgt Ion: 96 Resp: 5242
Ion Ratio Lower Upper
96 100
61 172.0 120.4 223.6
63 221.3 82.3 152.9#



#19
1,1-Dichloroethane
Concen: 0.249 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.010 min
Lab File: VU062784.D
Acq: 15 Jan 2025 23:11

Tgt Ion: 63 Resp: 2719
Ion Ratio Lower Upper
63 100
65 30.8 20.7 38.5
83 15.0 10.5 19.5

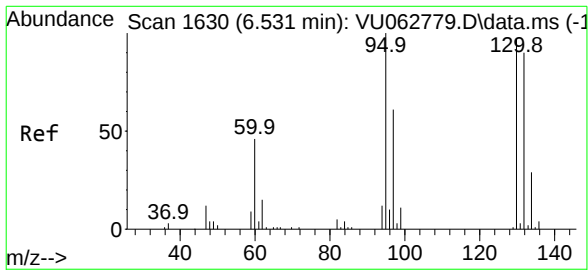
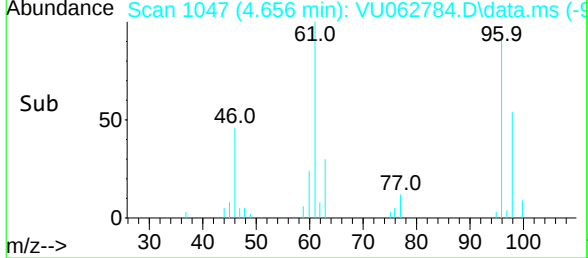
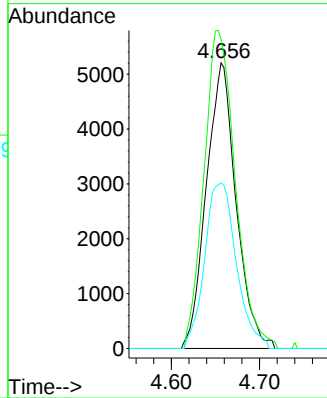
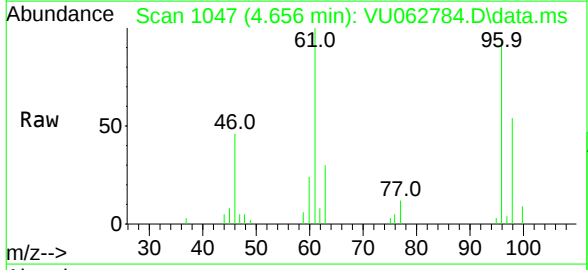




#22
 cis-1,2-Dichloroethene
 Concen: 1.837 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. 0.006 min
 Lab File: VU062784.D
 Acq: 15 Jan 2025 23:11

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:	96	Resp:	12232
Ion	Ratio	Lower	Upper
96	100		
61	108.1	84.8	157.6
98	58.0	43.1	80.1



#34
 Trichloroethene
 Concen: 5.199 ug/L
 RT: 6.531 min Scan# 1630
 Delta R.T. -0.000 min
 Lab File: VU062784.D
 Acq: 15 Jan 2025 23:11

Tgt Ion:	95	Resp:	45616
Ion	Ratio	Lower	Upper
95	100		
97	61.3	47.5	88.3
132	92.6	66.9	124.3
130	96.3	68.6	127.4

