

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012225\
 Data File : VU062960.D
 Acq On : 22 Jan 2025 13:24
 Operator : MD/SY
 Sample : Q1086-11DL2 1000X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE6DL2

Quant Time: Jan 23 00:45:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 23 00:43:08 2025
 Response via : Initial Calibration

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

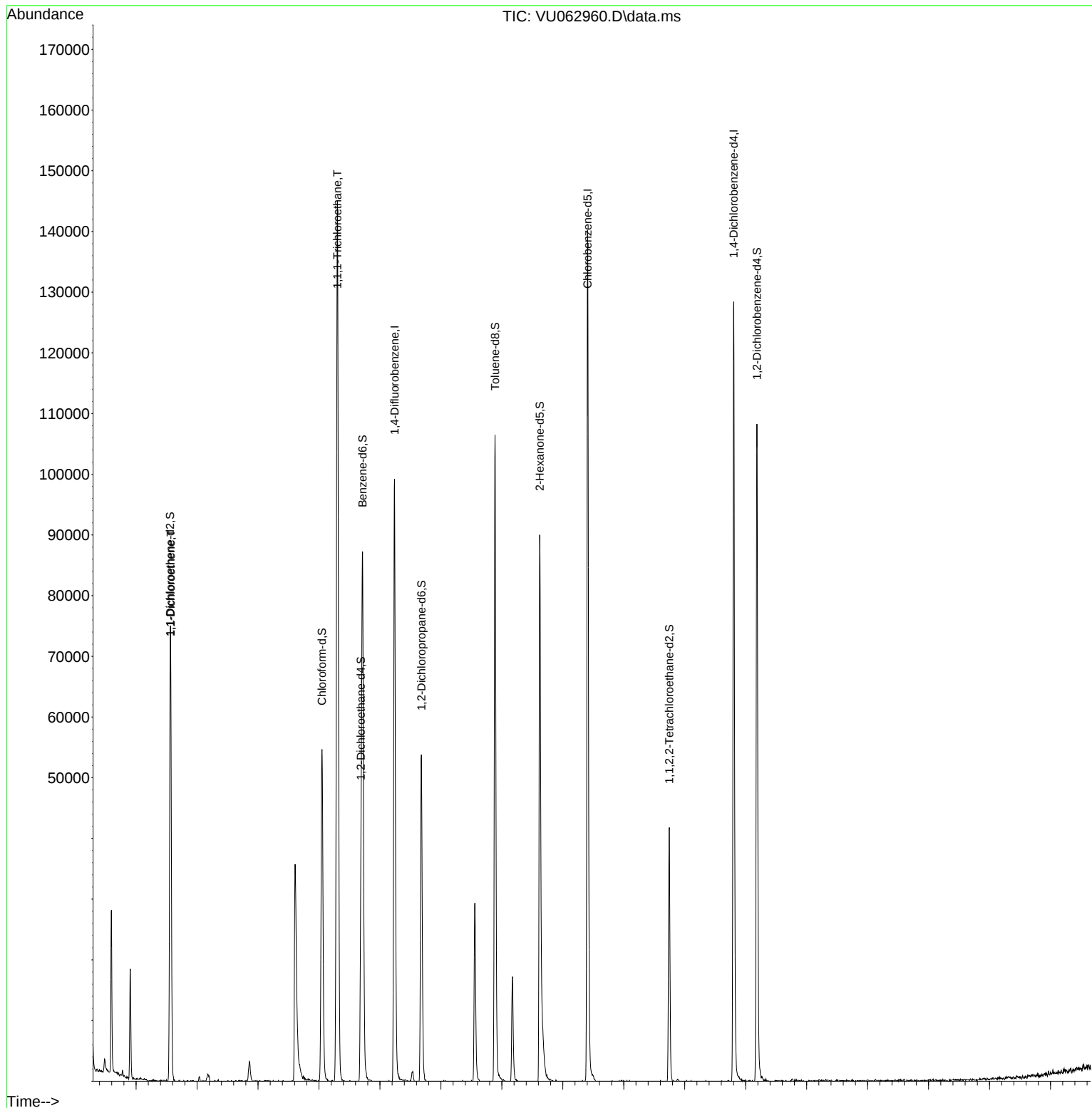
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	82100	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	80430	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	37987	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	19086	4.197	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.904	69	12687	3.469	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.400%
11) 1,1-Dichloroethene-d2	2.557	65	10003	4.247	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	4.608	46	51514	55.432	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.860%
24) Chloroform-d	5.049	84	54136	4.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.689	65	28739	4.736	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.714	84	80547	4.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.679	67	22584	4.143	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.800%
41) Toluene-d8	7.888	98	74339	3.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	8.174	79	11204	4.123	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.621	63	29386	34.386	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.780%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	18397	4.030	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	30618	4.845	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.570	96	12479	2.449	ug/L #	64
19) 1,1-Dichloroethane	3.856	63	4155	0.426	ug/L	97
29) 1,1,1-Trichloroethane	5.303	97	111256	9.119	ug/L	99

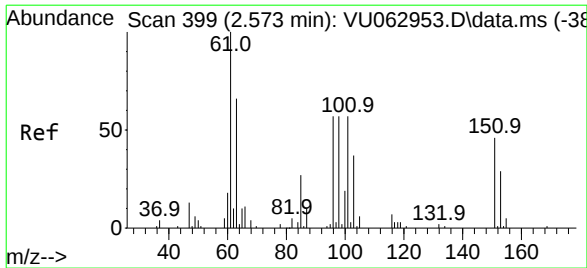
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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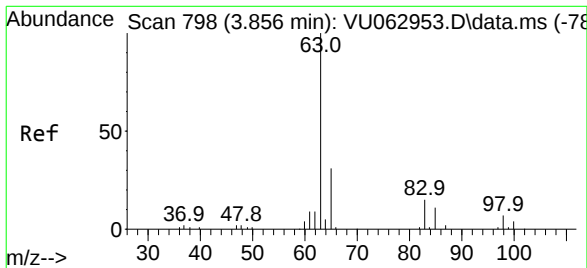
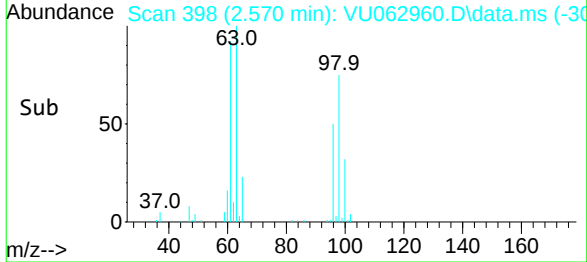
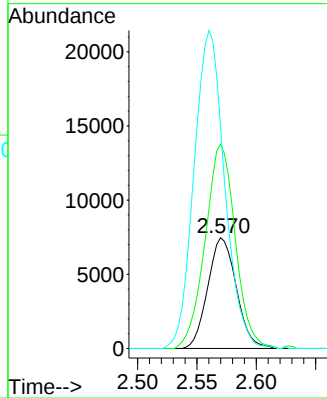
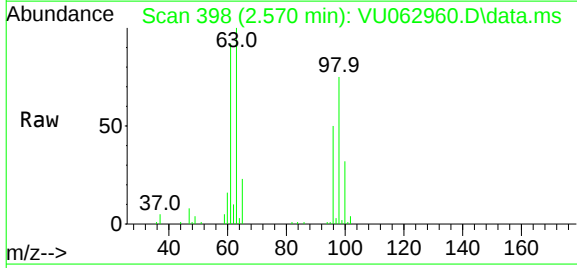




#12
1,1-Dichloroethene
Concen: 2.449 ug/L
RT: 2.570 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU062960.D
Acq: 22 Jan 2025 13:24

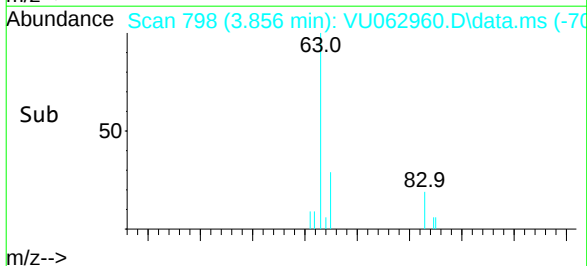
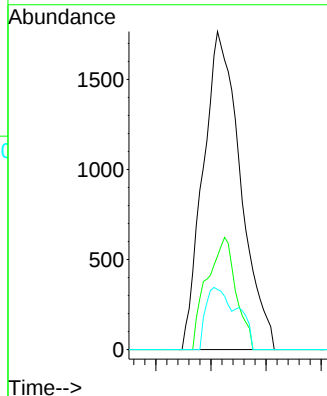
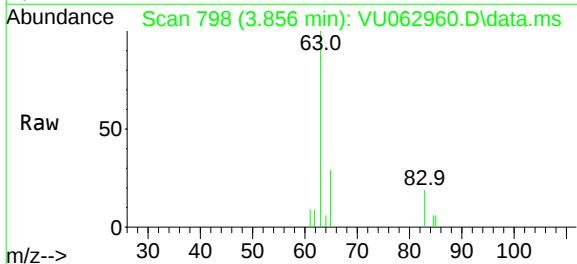
Instrument :
MSVOA_U
ClientSampleId :
C0AE6DL2

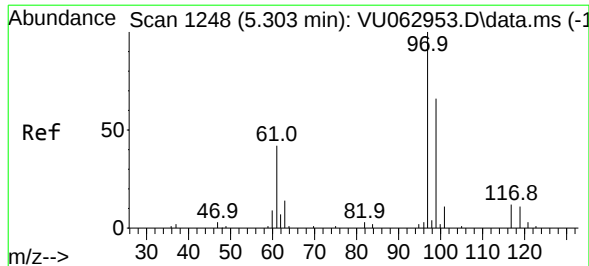
Tgt Ion: 96 Resp: 12479
Ion Ratio Lower Upper
96 100
61 184.4 120.4 223.6
63 200.5 82.3 152.9#



#19
1,1-Dichloroethane
Concen: 0.426 ug/L
RT: 3.856 min Scan# 798
Delta R.T. 0.000 min
Lab File: VU062960.D
Acq: 22 Jan 2025 13:24

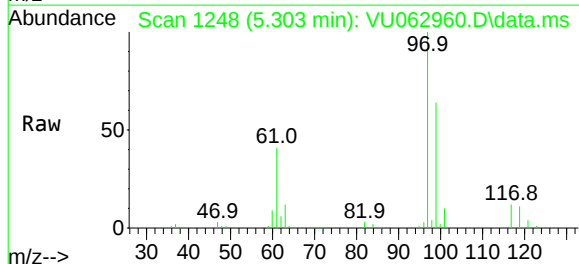
Tgt Ion: 63 Resp: 4155
Ion Ratio Lower Upper
63 100
65 29.4 20.7 38.5
83 18.9 10.5 19.5





1,1,1-Trichloroethane
 Concen: 9.119 ug/L
 RT: 5.303 min Scan# 12
 Delta R.T. 0.000 min
 Lab File: VU062960.D
 Acq: 22 Jan 2025 13:24

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Tgt Ion:	97	Resp:	111256
Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.4	78.6
61	40.4	32.2	48.4

