

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112224\
 Data File : VU061988.D
 Acq On : 22 Nov 2024 22:35
 Operator : MD/SY
 Sample : P4904-13DL 10X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG423DL

Quant Time: Nov 23 00:16:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 23 00:14:12 2024
 Response via : Initial Calibration

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

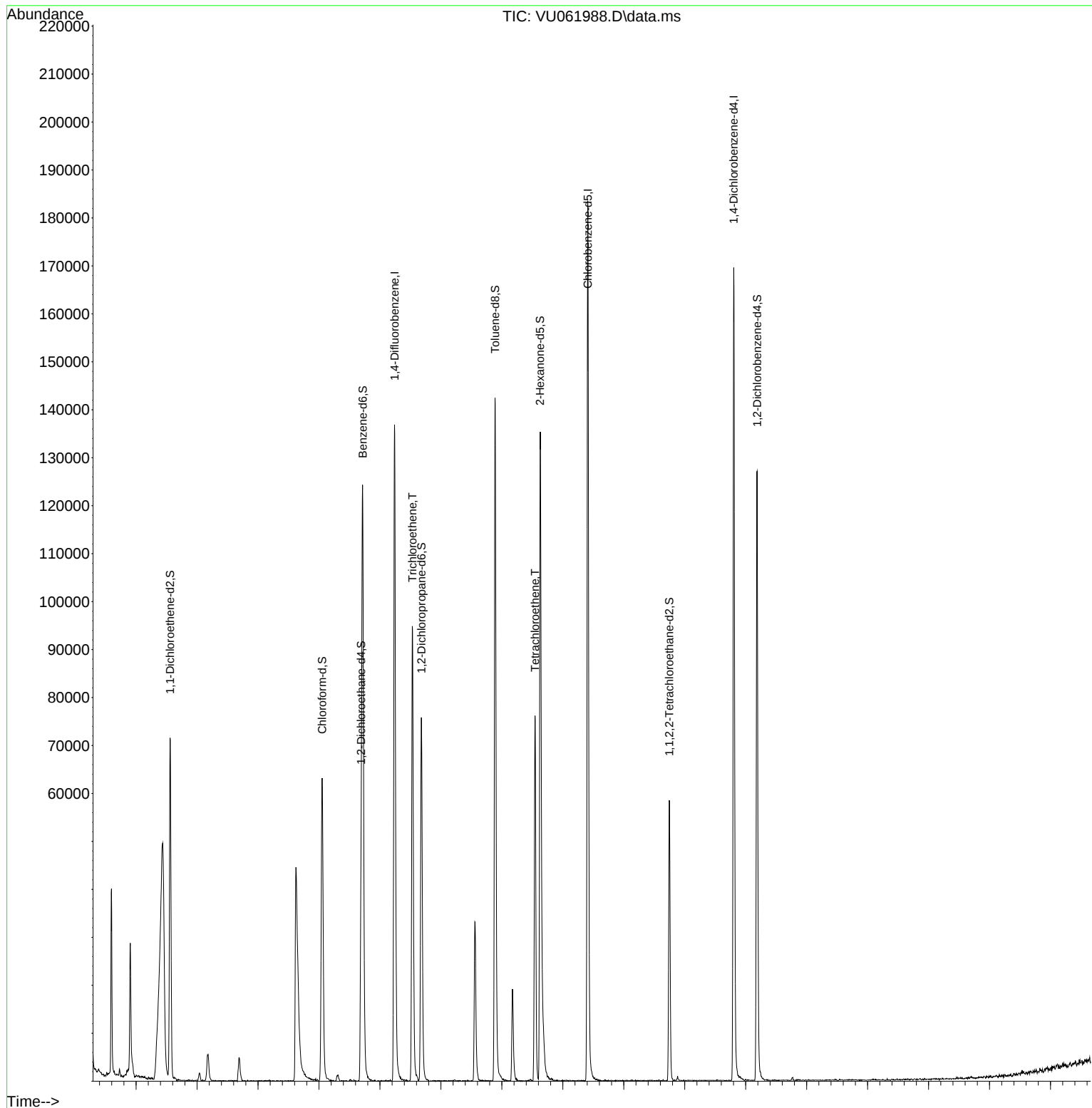
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	117446	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	107241	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	48635	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	27726	4.813	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.200%
7) Chloroethane-d5	1.904	69	17939	3.520	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.400%
11) 1,1-Dichloroethene-d2	2.557	65	13405	5.824	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	116.400%
20) 2-Butanone-d5	4.621	46	68221	37.711	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.420%
24) Chloroform-d	5.052	84	62897	4.475	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.692	65	33067	4.572	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.718	84	120169	5.751	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.000%
36) 1,2-Dichloropropane-d6	6.679	67	37816	5.326	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.888	98	102118	5.860	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.200%
43) trans-1,3-Dichloroprop...	8.174	79	13100	4.984	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.600%
46) 2-Hexanone-d5	8.627	63	47805	39.848	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.700%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29728	4.190	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	35862	4.987	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
12) 1,1-Dichloroethene	2.570	96	2601	0.330	ug/L	# 1
22) cis-1,2-Dichloroethene	4.657	96	4306	0.460	ug/L	93
34) Trichloroethene	6.531	95	34662	4.010	ug/L	99
47) Tetrachloroethene	8.544	164	17757	2.825	ug/L	96

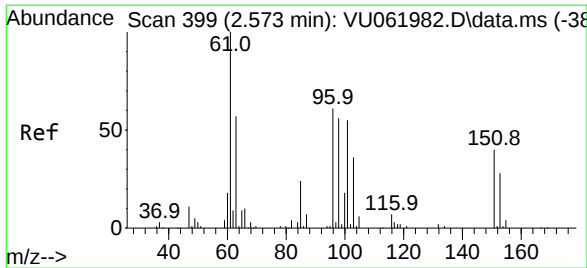
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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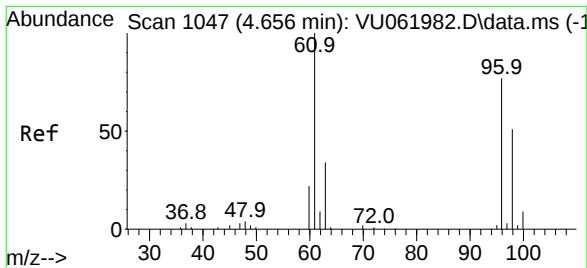
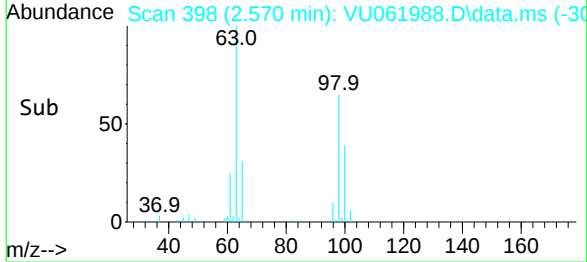
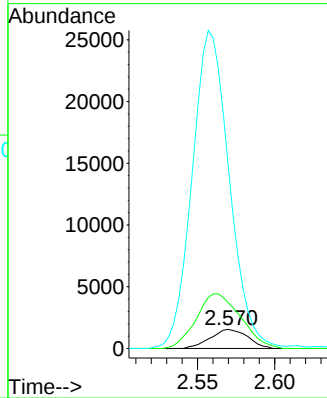
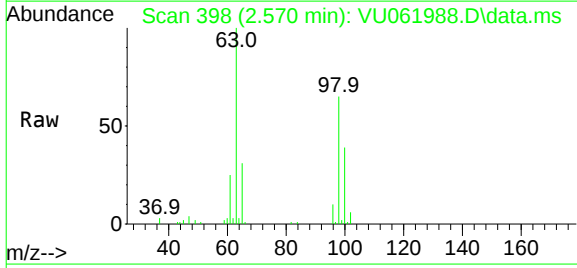




#12
1,1-Dichloroethene
Concen: 0.330 ug/L
RT: 2.570 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU061988.D
Acq: 22 Nov 2024 22:35

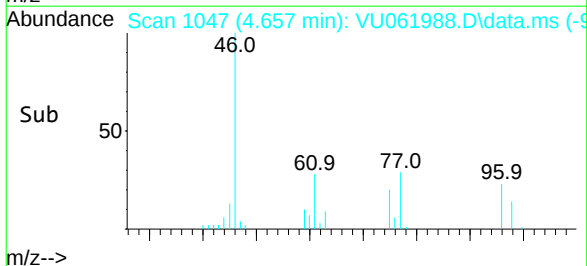
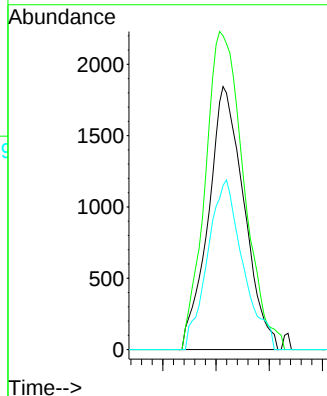
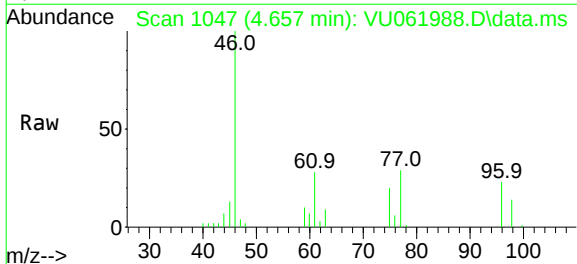
Instrument :
MSVOA_U
ClientSampleId :
BG423DL

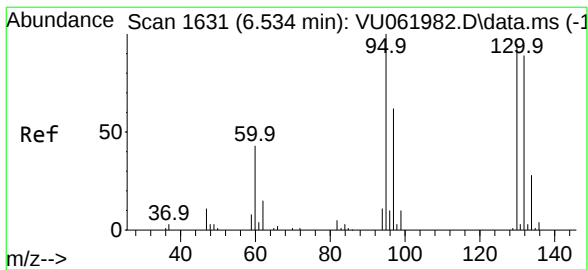
Tgt Ion: 96 Resp: 2601
Ion Ratio Lower Upper
96 100
61 240.1 119.6 222.2#
63 959.1 65.0 120.6#



#22
cis-1,2-Dichloroethene
Concen: 0.460 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU061988.D
Acq: 22 Nov 2024 22:35

Tgt Ion: 96 Resp: 4306
Ion Ratio Lower Upper
96 100
61 119.4 92.0 170.8
98 62.4 44.5 82.7





#34

Trichloroethene

Concen: 4.010 ug/L

RT: 6.531 min Scan# 16

Delta R.T. -0.003 min

Lab File: VU061988.D

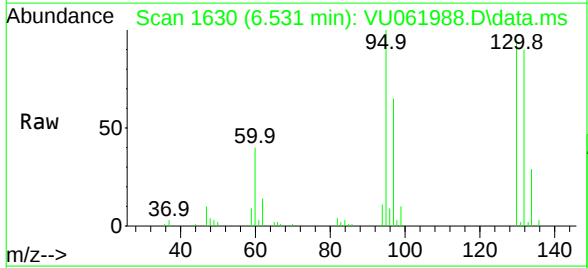
Acq: 22 Nov 2024 22:35

Instrument :

MSVOA_U

ClientSampleId :

BG423DL



Tgt Ion: 95 Resp: 34662

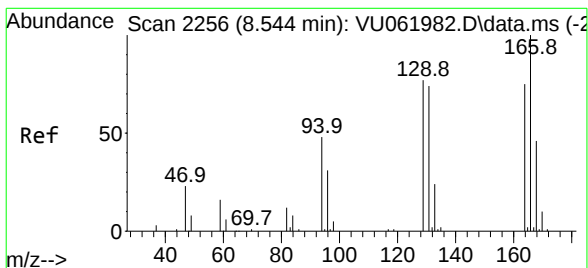
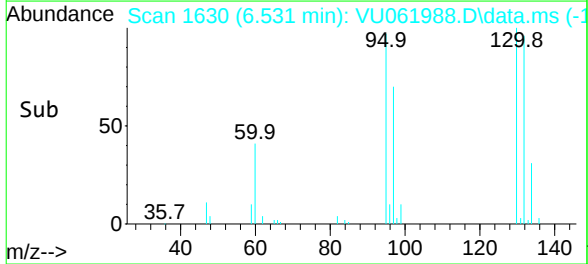
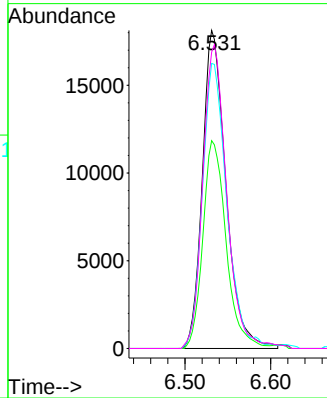
Ion Ratio Lower Upper

95 100

97 65.3 45.9 85.3

132 89.6 63.8 118.4

130 93.2 65.5 121.7



#47

Tetrachloroethene

Concen: 2.825 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VU061988.D

Acq: 22 Nov 2024 22:35

Tgt Ion: 164 Resp: 17757

Ion Ratio Lower Upper

164 100

129 99.8 73.2 136.0

131 95.4 72.3 134.3

166 129.7 90.2 167.4

