

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112224\
 Data File : VU061987.D
 Acq On : 22 Nov 2024 22:11
 Operator : MD/SY
 Sample : P4904-12DL 10X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG422DL

Quant Time: Nov 23 00:16:16 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)

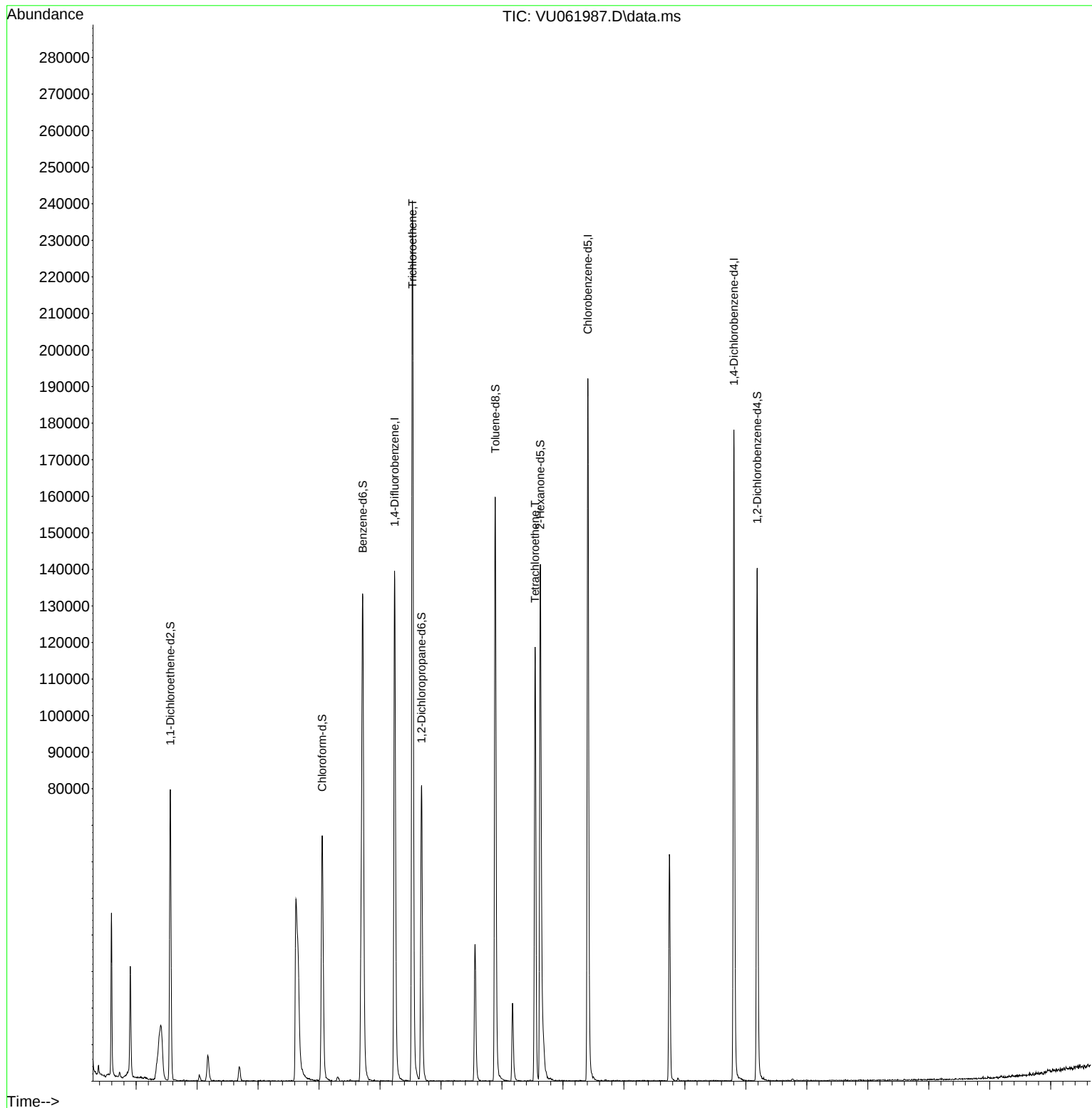
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	119089	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	112919	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	50053	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	31065	5.318	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.400%
7) Chloroethane-d5	1.904	69	20012	3.873	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.400%
11) 1,1-Dichloroethene-d2	2.560	65	14845	6.361	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	127.200%#
20) 2-Butanone-d5	4.621	46	69759	38.029	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.060%
24) Chloroform-d	5.052	84	68441	4.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.692	65	35482	4.838	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.717	84	130435	5.929	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.600%
36) 1,2-Dichloropropane-d6	6.679	67	41229	5.515	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.400%
41) Toluene-d8	7.891	98	114624	6.247	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.000%
43) trans-1,3-Dichloroprop...	8.174	79	14352	5.186	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.800%
46) 2-Hexanone-d5	8.627	63	49616	39.278	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.560%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	31187	4.175	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	40443	5.464	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.200%
Target Compounds						
12) 1,1-Dichloroethene	2.573	96	2310	0.289	ug/L #	1
22) cis-1,2-Dichloroethene	4.660	96	11761	1.238	ug/L	95
34) Trichloroethene	6.531	95	89225	9.803	ug/L	98
47) Tetrachloroethene	8.544	164	27011	4.081	ug/L	97

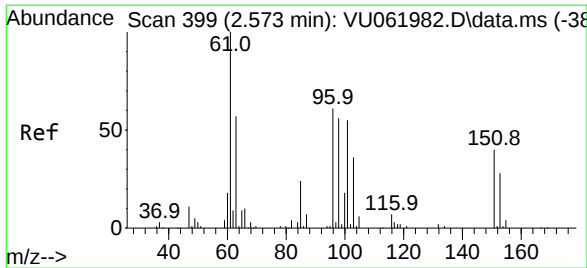
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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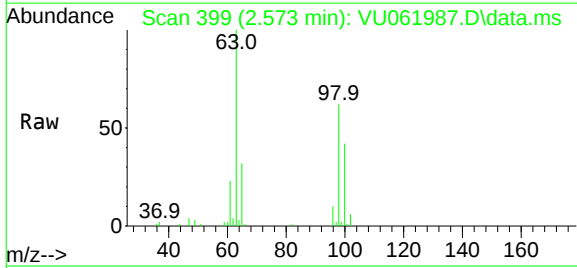
Quant Time: Nov 23 00:16:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
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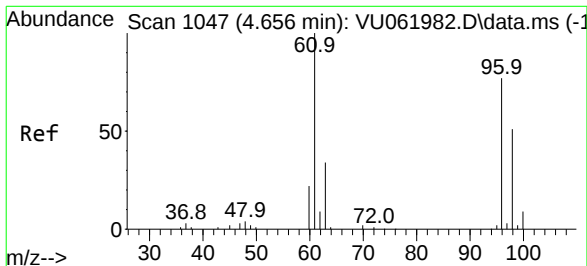
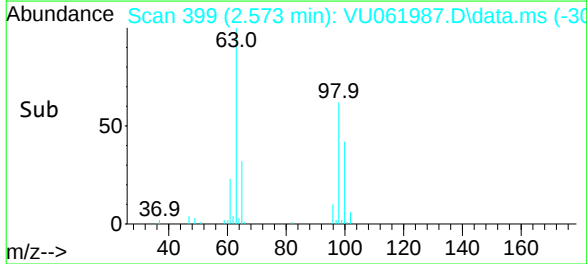
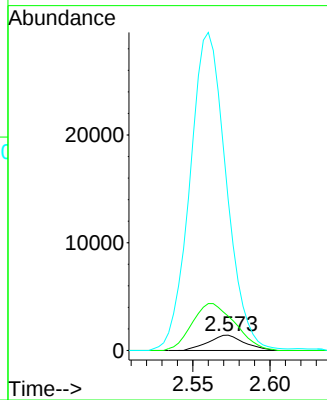


#12
1,1-Dichloroethene
Concen: 0.289 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061987.D
Acq: 22 Nov 2024 22:11

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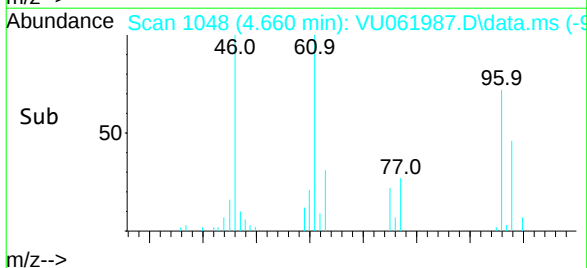
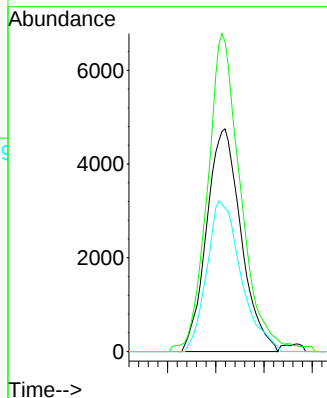
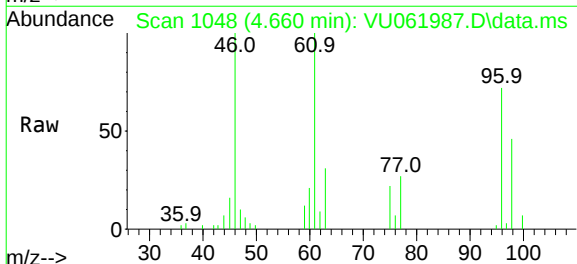


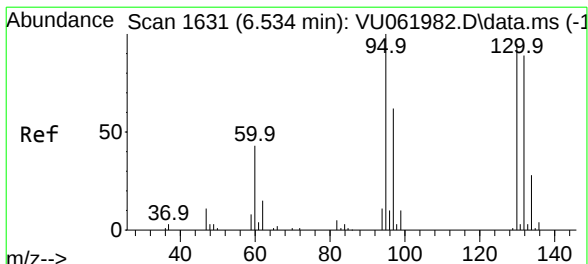
Tgt Ion: 96 Resp: 2310
Ion Ratio Lower Upper
96 100
61 223.9 119.6 222.2#
63 984.3 65.0 120.6#



#22
cis-1,2-Dichloroethene
Concen: 1.238 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU061987.D
Acq: 22 Nov 2024 22:11

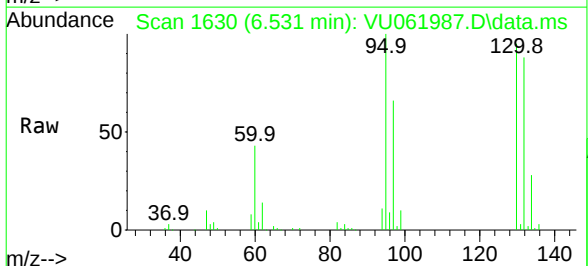
Tgt Ion: 96 Resp: 11761
Ion Ratio Lower Upper
96 100
61 139.1 92.0 170.8
98 64.4 44.5 82.7



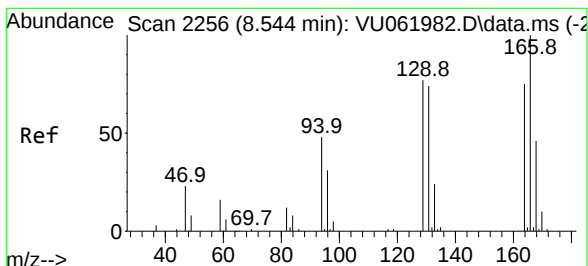
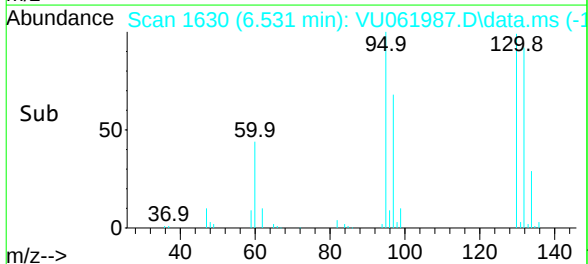
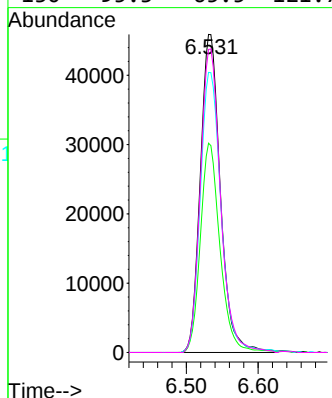


#34
 Trichloroethene
 Concen: 9.803 ug/L
 RT: 6.531 min Scan# 1631
 Delta R.T. -0.003 min
 Lab File: VU061987.D
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Tgt Ion	95	Resp	89225
Ion Ratio	Lower	Upper	
95	100		
97	65.8	45.9	85.3
132	88.1	63.8	118.4
130	95.3	65.5	121.7



#47
 Tetrachloroethene
 Concen: 4.081 ug/L
 RT: 8.544 min Scan# 2256
 Delta R.T. -0.000 min
 Lab File: VU061987.D
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Tgt Ion	164	Resp	27011
Ion Ratio	Lower	Upper	
164	100		
129	99.6	73.2	136.0
131	99.4	72.3	134.3
166	131.1	90.2	167.4

