

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112224\
 Data File : VU061976.D
 Acq On : 22 Nov 2024 16:53
 Operator : MD/SY
 Sample : P4903-09DL 4X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG405DL

Quant Time: Nov 22 22:47:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 22:40:46 2024
 Response via : Initial Calibration

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

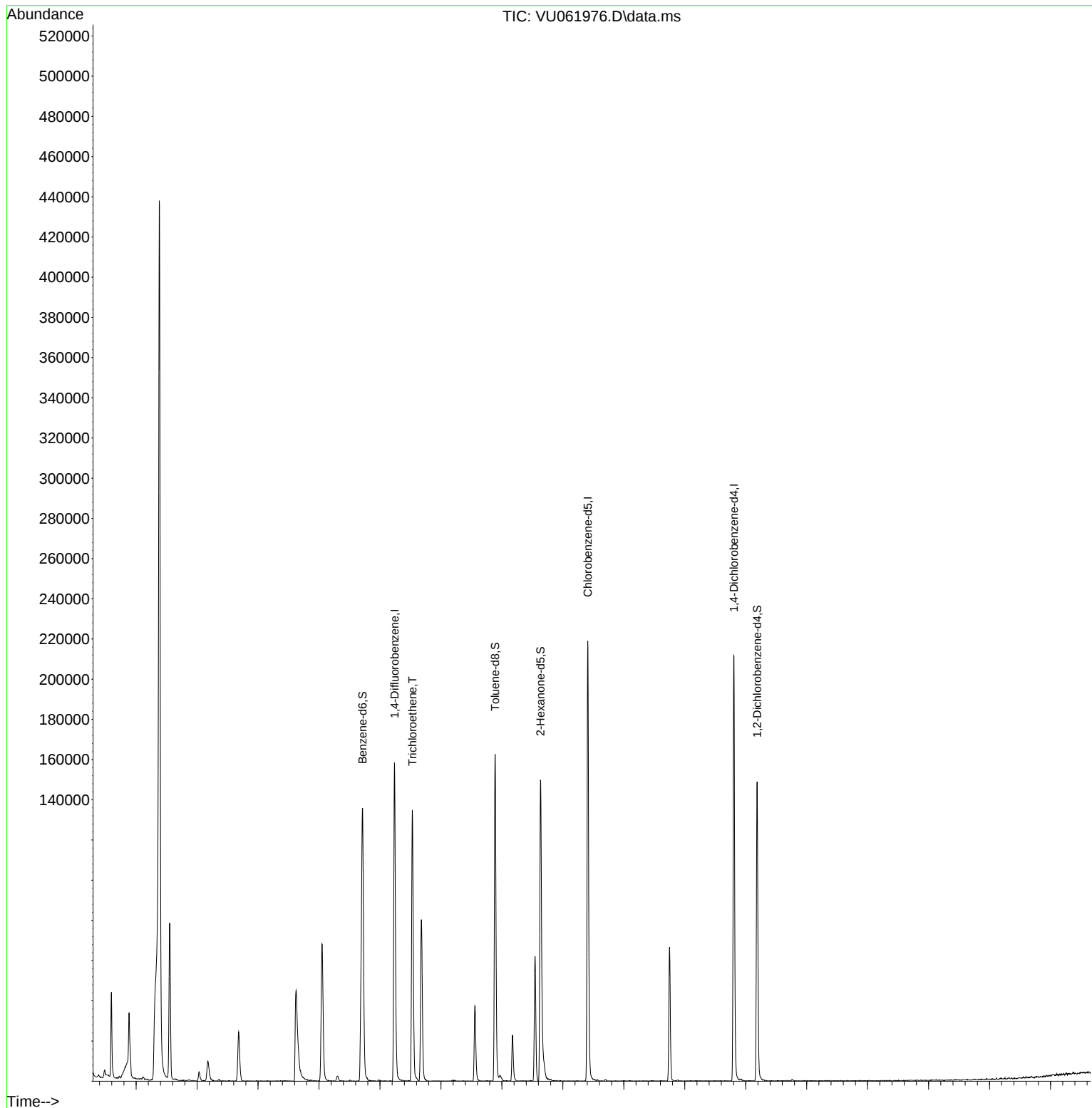
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	130516	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	123801	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	60780	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	32138	5.020	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.400%		
7) Chloroethane-d5	1.885	69	16005	2.826	ug/L	-0.02
Spiked Amount	5.000	Range 65 - 130	Recovery	= 56.600%#		
11) 1,1-Dichloroethene-d2	2.550	65	14941	5.842	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 116.800%		
20) 2-Butanone-d5	4.621	46	74364	36.990	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 73.980%		
24) Chloroform-d	5.049	84	67251	4.306	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 86.200%		
26) 1,2-Dichloroethane-d4	5.689	65	34966	4.350	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 87.000%		
32) Benzene-d6	5.714	84	132155	5.479	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 109.600%		
36) 1,2-Dichloropropane-d6	6.679	67	41109	5.016	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 100.400%		
41) Toluene-d8	7.891	98	116023	5.767	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 115.400%		
43) trans-1,3-Dichloroprop...	8.174	79	14242	4.694	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 93.800%		
46) 2-Hexanone-d5	8.634	63	57111	41.238	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 82.480%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	34436	4.205	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 84.000%		
66) 1,2-Dichlorobenzene-d4	12.187	152	42004	4.674	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 93.400%		
Target Compounds						Qvalue
16) Methylene chloride	3.033	84	2177	0.207	ug/L #	84
22) cis-1,2-Dichloroethene	4.653	96	1617	0.155	ug/L	95
34) Trichloroethene	6.531	95	48114	4.822	ug/L	98
47) Tetrachloroethene	8.544	164	14144	1.949	ug/L	94

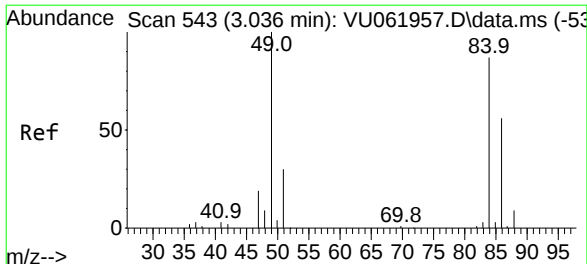
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.207 ug/L

RT: 3.033 min Scan# 54

Delta R.T. -0.003 min

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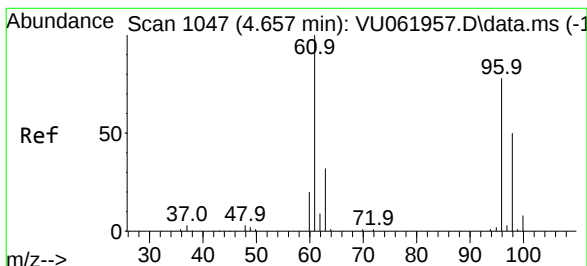
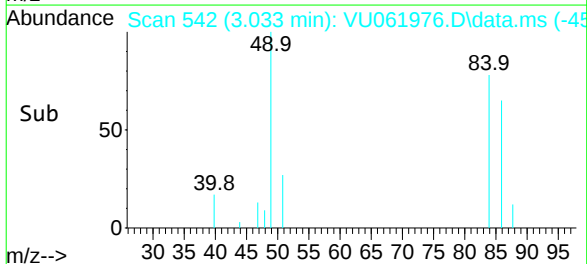
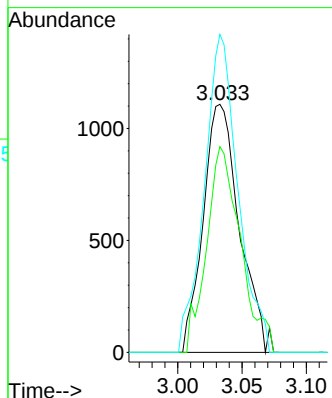
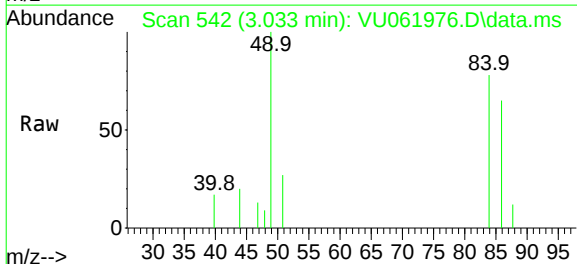
Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion:	84	Resp:	2177
Ion	Ratio	Lower	Upper
84	100		
86	82.9	43.5	80.7#
49	128.2	81.9	152.1



#22

cis-1,2-Dichloroethene

Concen: 0.155 ug/L

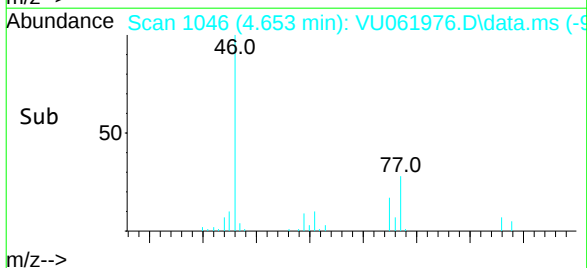
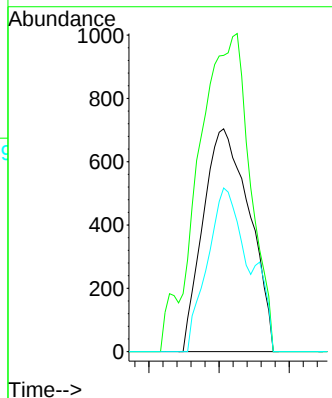
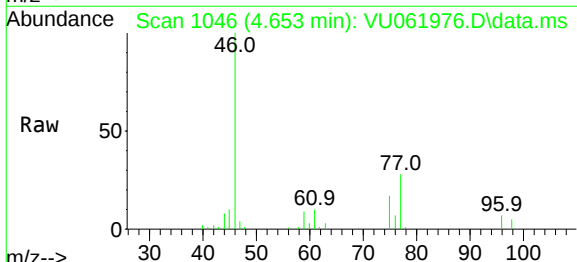
RT: 4.653 min Scan# 1046

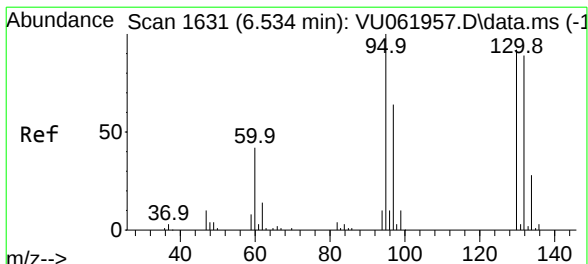
Delta R.T. -0.003 min

Lab File: VU061976.D

Acq: 22 Nov 2024 16:53

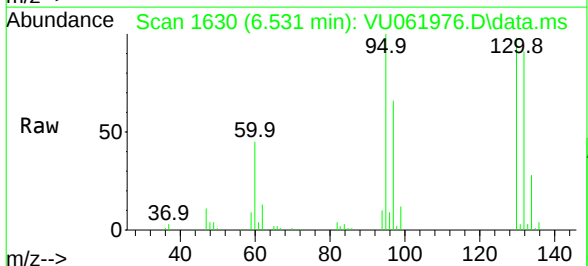
Tgt Ion:	96	Resp:	1617
Ion	Ratio	Lower	Upper
96	100		
61	133.0	92.0	170.8
98	73.4	44.5	82.7



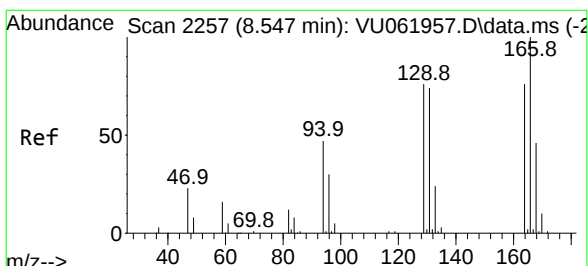
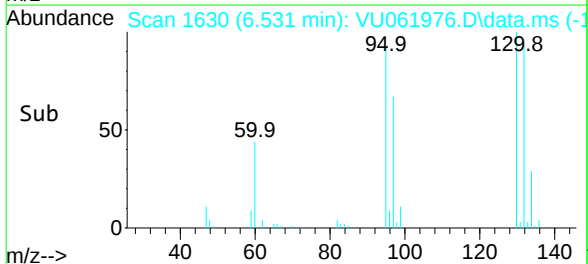
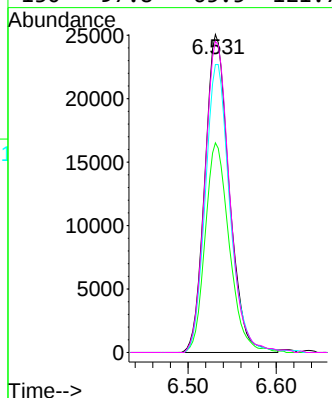


#34
 Trichloroethene
 Concen: 4.822 ug/L
 RT: 6.531 min Scan# 16
 Delta R.T. -0.003 min
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Tgt Ion:	95	Resp:	48114
Ion Ratio	Lower	Upper	
95	100		
97	65.9	45.9	85.3
132	90.5	63.8	118.4
130	97.8	65.5	121.7



#47
 Tetrachloroethene
 Concen: 1.949 ug/L
 RT: 8.544 min Scan# 2256
 Delta R.T. -0.003 min
 Lab File: VU061976.D
 Acq: 22 Nov 2024 16:53

Tgt Ion:	164	Resp:	14144
Ion Ratio	Lower	Upper	
164	100		
129	98.4	73.2	136.0
131	97.4	72.3	134.3
166	120.1	90.2	167.4

