

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112224\
 Data File : VU061986.D
 Acq On : 22 Nov 2024 21:46
 Operator : MD/SY
 Sample : P4904-11DL 10X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG421DL

Quant Time: Nov 23 00:15:59 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)

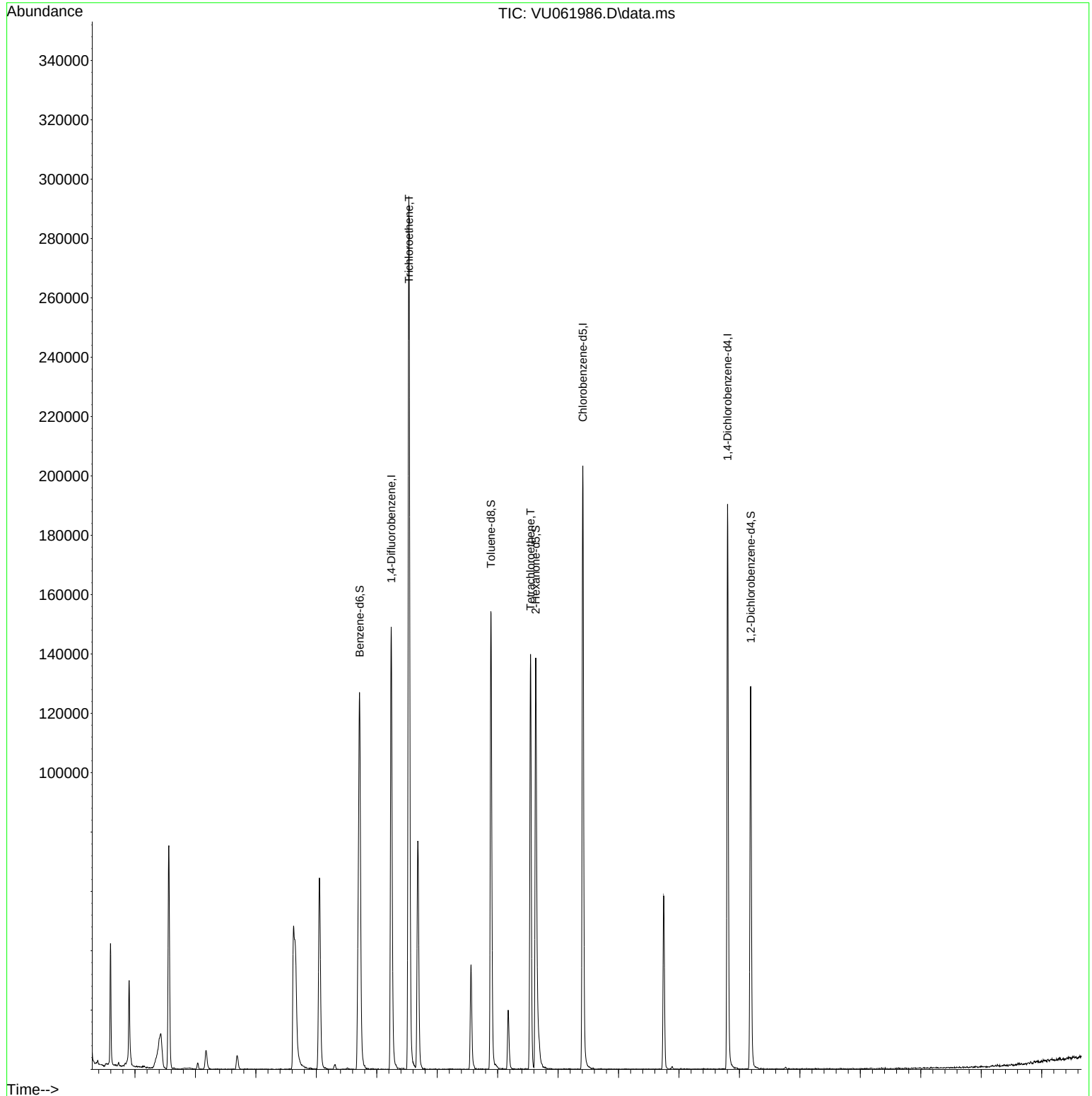
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	125521	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	117151	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	51810	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	28534	4.634	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.904	69	17913	3.289	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.800%
11) 1,1-Dichloroethene-d2	2.557	65	14144	5.750	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	115.000%
20) 2-Butanone-d5	4.621	46	70092	36.252	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.500%
24) Chloroform-d	5.052	84	62777	4.179	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	5.692	65	33380	4.318	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
32) Benzene-d6	5.718	84	124173	5.440	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.800%
36) 1,2-Dichloropropane-d6	6.679	67	39219	5.057	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.888	98	107761	5.660	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.200%
43) trans-1,3-Dichloroprop...	8.174	79	13505	4.704	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.631	63	49882	38.062	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.120%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	30465	3.931	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	37807	4.935	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.573	96	2740	0.326	ug/L	# 1
22) cis-1,2-Dichloroethene	4.660	96	13962	1.394	ug/L	95
34) Trichloroethene	6.531	95	106508	11.280	ug/L	99
47) Tetrachloroethene	8.544	164	31753	4.624	ug/L	95

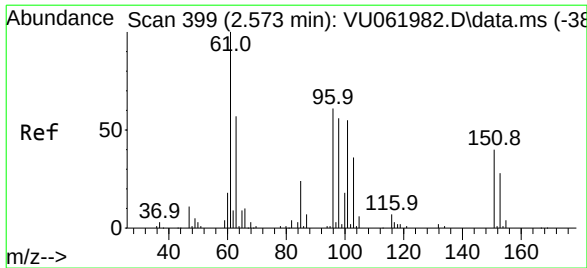
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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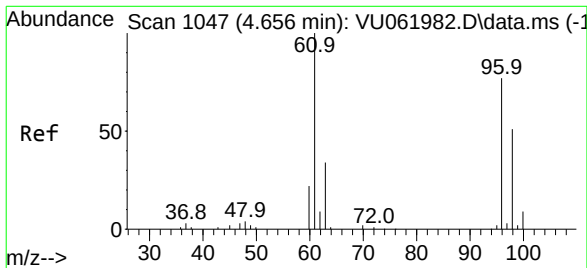
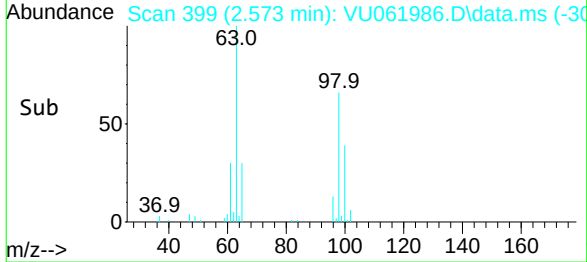
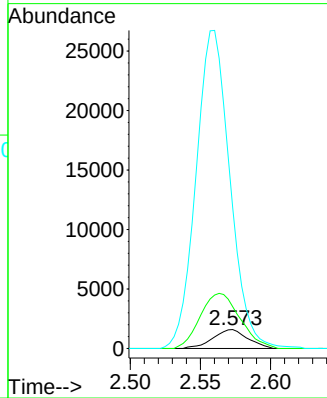
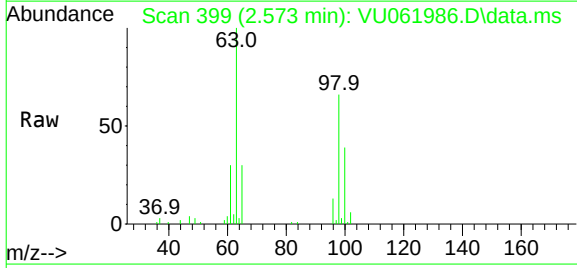




#12
1,1-Dichloroethene
Concen: 0.326 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061986.D
Acq: 22 Nov 2024 21:46

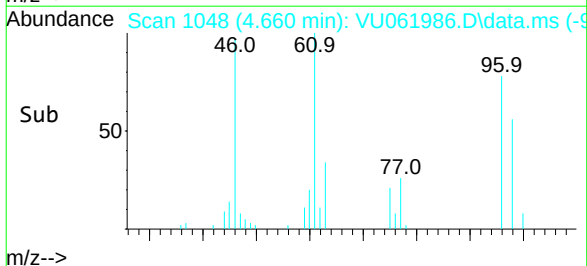
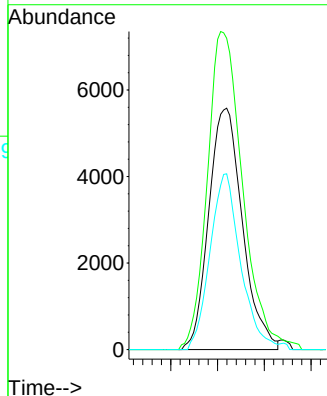
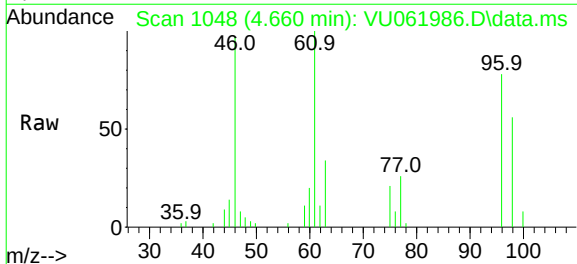
Instrument :
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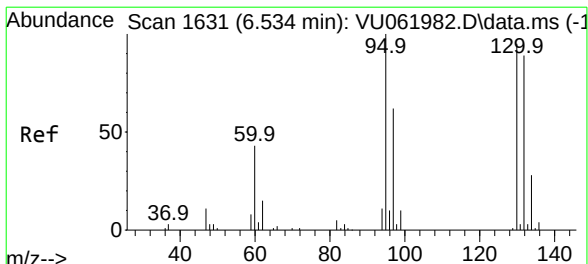
Tgt Ion: 96 Resp: 2740
Ion Ratio Lower Upper
96 100
61 221.0 119.6 222.2
63 745.8 65.0 120.6#



#22
cis-1,2-Dichloroethene
Concen: 1.394 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU061986.D
Acq: 22 Nov 2024 21:46

Tgt Ion: 96 Resp: 13962
Ion Ratio Lower Upper
96 100
61 129.0 92.0 170.8
98 72.8 44.5 82.7



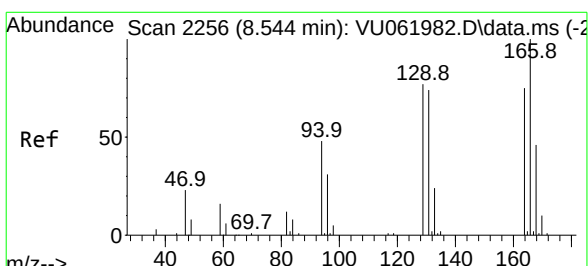
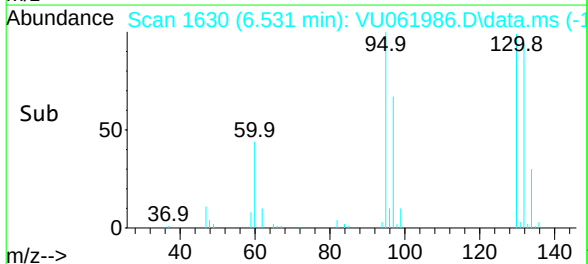
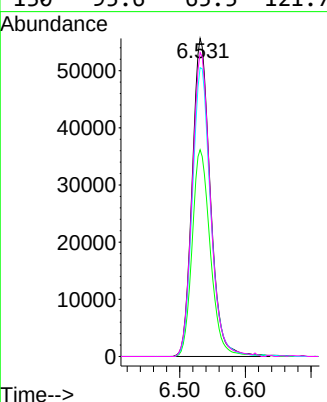
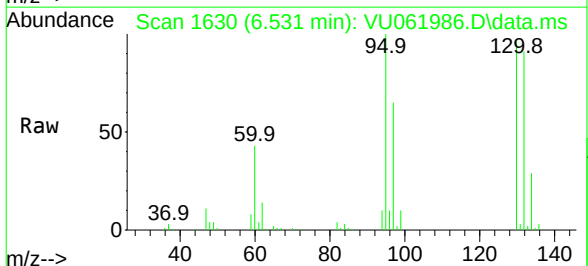


#34
 Trichloroethene
 Concen: 11.280 ug/L
 RT: 6.531 min Scan# 1631
 Delta R.T. -0.003 min
 Lab File: VU061986.D
 Acq: 22 Nov 2024 21:46

Instrument :
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Tgt Ion: 95 Resp: 106508

Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.9	85.3
132	90.8	63.8	118.4
130	95.6	65.5	121.7



#47
 Tetrachloroethene
 Concen: 4.624 ug/L
 RT: 8.544 min Scan# 2256
 Delta R.T. 0.000 min
 Lab File: VU061986.D
 Acq: 22 Nov 2024 21:46

Tgt Ion: 164 Resp: 31753

Ion	Ratio	Lower	Upper
164	100		
129	100.5	73.2	136.0
131	97.0	72.3	134.3
166	123.9	90.2	167.4

