

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040924\
 Data File : VU058530.D
 Acq On : 09 Apr 2024 21:56
 Operator : MD/SY
 Sample : P1970-12 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK2

Quant Time: Apr 10 02:17:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 10 02:08:42 2024
 Response via : Initial Calibration

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

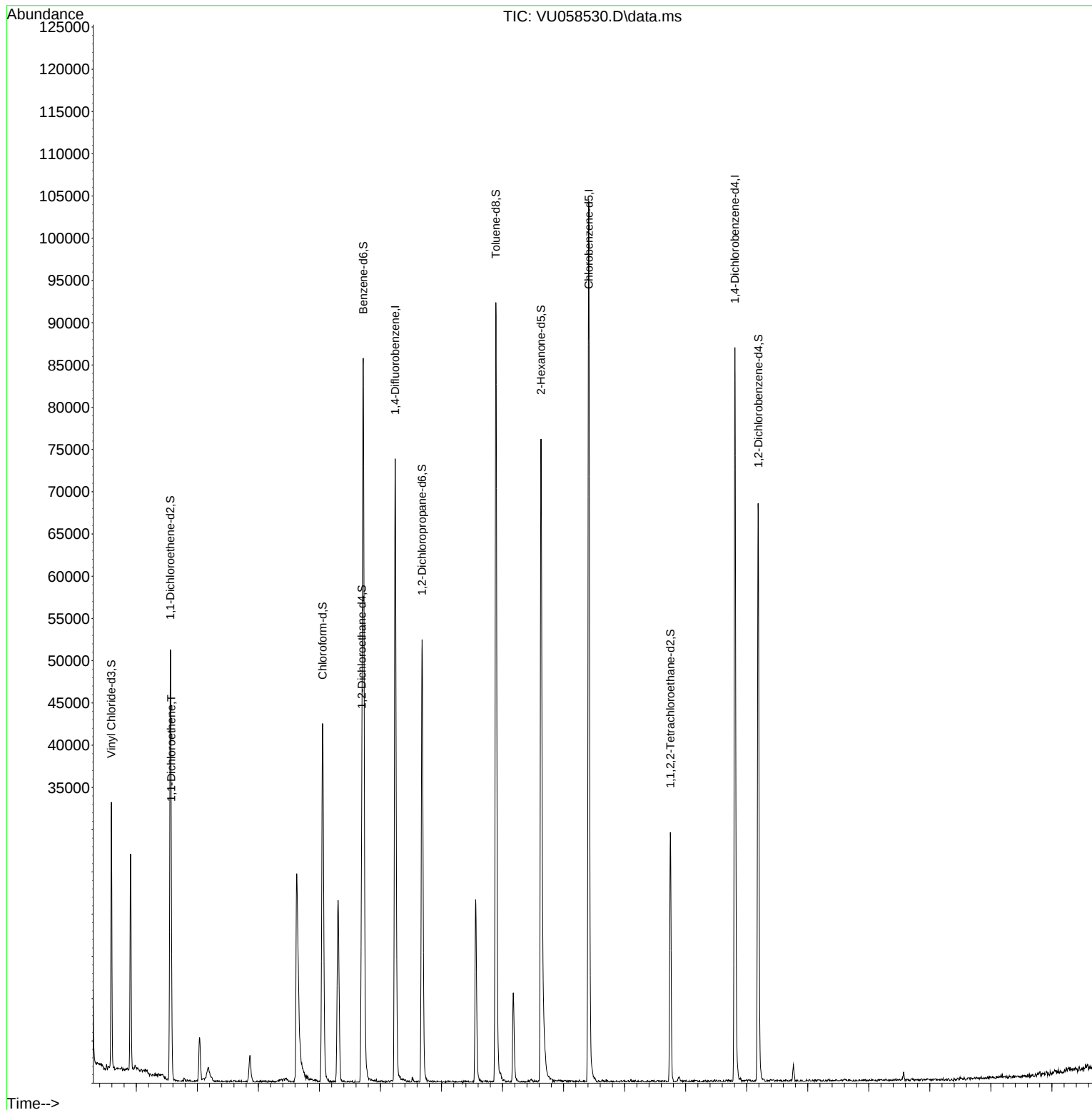
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	57979	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	56568	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	22819	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20877	5.439	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 108.800%	
7) Chloroethane-d5	1.907	69	17900	5.366	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 107.400%	
11) 1,1-Dichloroethene-d2	2.557	65	9392	5.406	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 108.200%	
20) 2-Butanone-d5	4.627	46	41261	51.006	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 102.020%	
24) Chloroform-d	5.052	84	39504	5.155	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 103.200%	
26) 1,2-Dichloroethane-d4	5.695	65	19184	5.365	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 107.200%	
32) Benzene-d6	5.717	84	77850	5.112	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 102.200%	
36) 1,2-Dichloropropane-d6	6.682	67	25374	5.313	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 106.200%	
41) Toluene-d8	7.891	98	62664	4.640	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 92.800%	
43) trans-1,3-Dichloroprop...	8.177	79	6733	4.542	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 90.800%	
46) 2-Hexanone-d5	8.630	63	26551	43.420	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 86.840%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	15258	4.525	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 90.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	18054	4.698	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 94.000%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	3092	0.753	ug/L	# 1
16) Methylene chloride	3.036	84	2263	0.415	ug/L	89
19) 1,1-Dichloroethane	3.862	63	4247	0.452	ug/L	94
29) 1,1,1-Trichloroethane	5.306	97	15274	2.014	ug/L	97

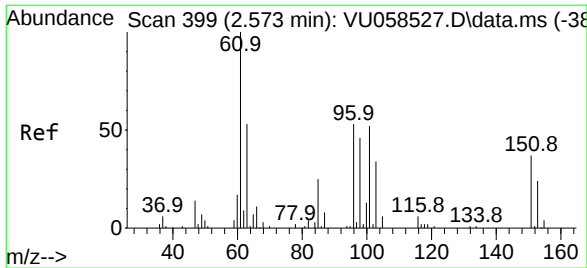
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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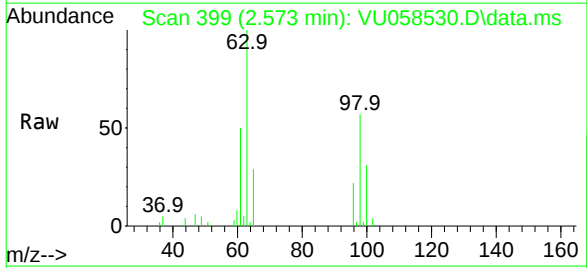
Quant Time: Apr 10 02:17:05 2024
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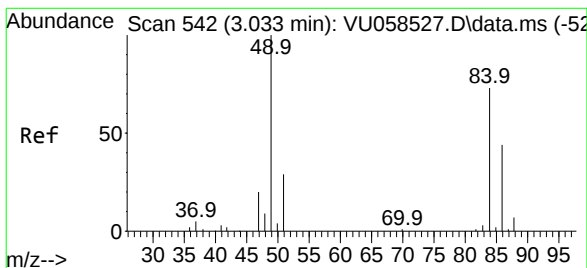
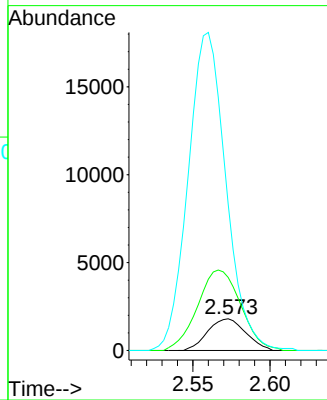
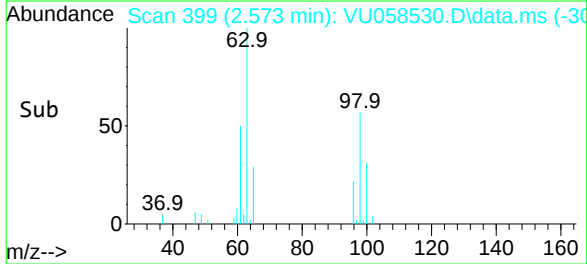


#12
1,1-Dichloroethene
Concen: 0.753 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU058530.D
Acq: 09 Apr 2024 21:56

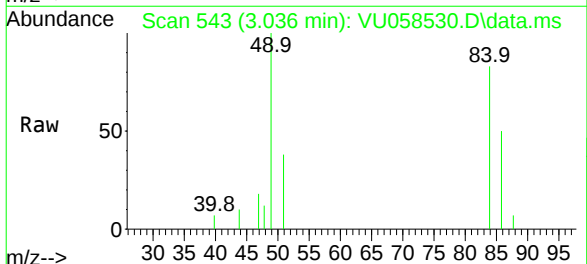
Instrument :
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C0AK2



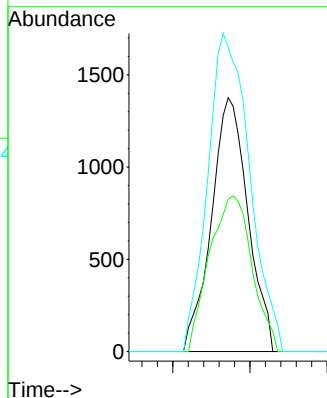
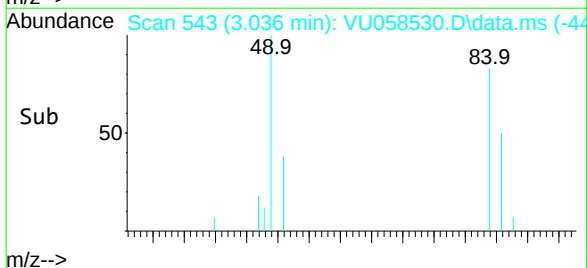
Tgt Ion: 96 Resp: 3092
Ion Ratio Lower Upper
96 100
61 230.6 132.5 246.1
63 462.4 87.7 162.9#

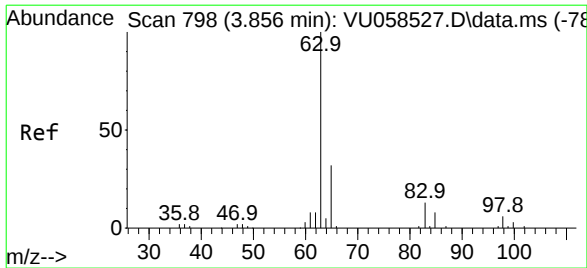


#16
Methylene chloride
Concen: 0.415 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.003 min
Lab File: VU058530.D
Acq: 09 Apr 2024 21:56



Tgt Ion: 84 Resp: 2263
Ion Ratio Lower Upper
84 100
86 60.0 44.3 82.3
49 119.9 96.0 178.2

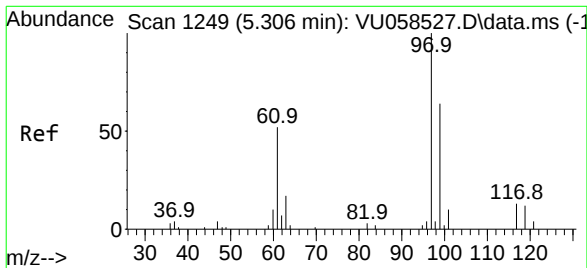
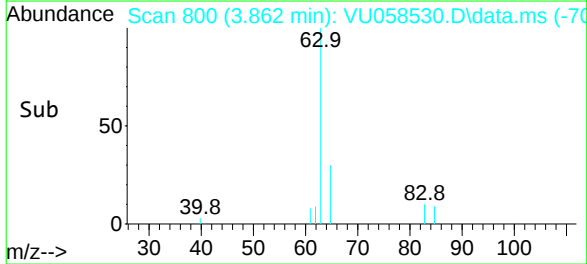
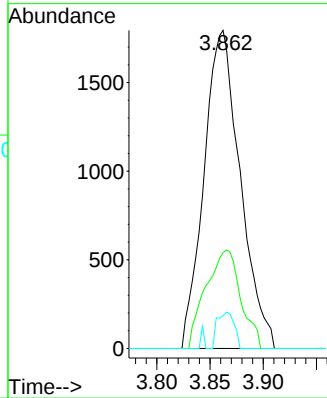
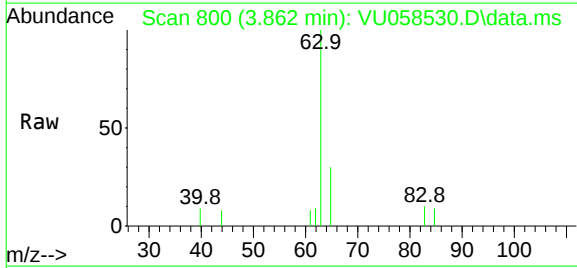




#19
1,1-Dichloroethane
Concen: 0.452 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.006 min
Lab File: VU058530.D
Acq: 09 Apr 2024 21:56

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ClientSampleId :
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Tgt Ion:	63	Resp:	4247
Ion	Ratio	Lower	Upper
63	100		
65	30.2	22.9	42.5
83	10.3	9.6	17.8



#29
1,1,1-Trichloroethane
Concen: 2.014 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058530.D
Acq: 09 Apr 2024 21:56

Tgt Ion:	97	Resp:	15274
Ion	Ratio	Lower	Upper
97	100		
99	64.7	50.4	75.6
61	52.2	39.4	59.0

