

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021924\
 Data File : VW034240.D
 Acq On : 19 Feb 2024 13:51
 Operator : SY/MD
 Sample : P1503-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCNB5

Quant Time: Feb 20 03:28:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 20 01:47:35 2024
 Response via : Initial Calibration

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

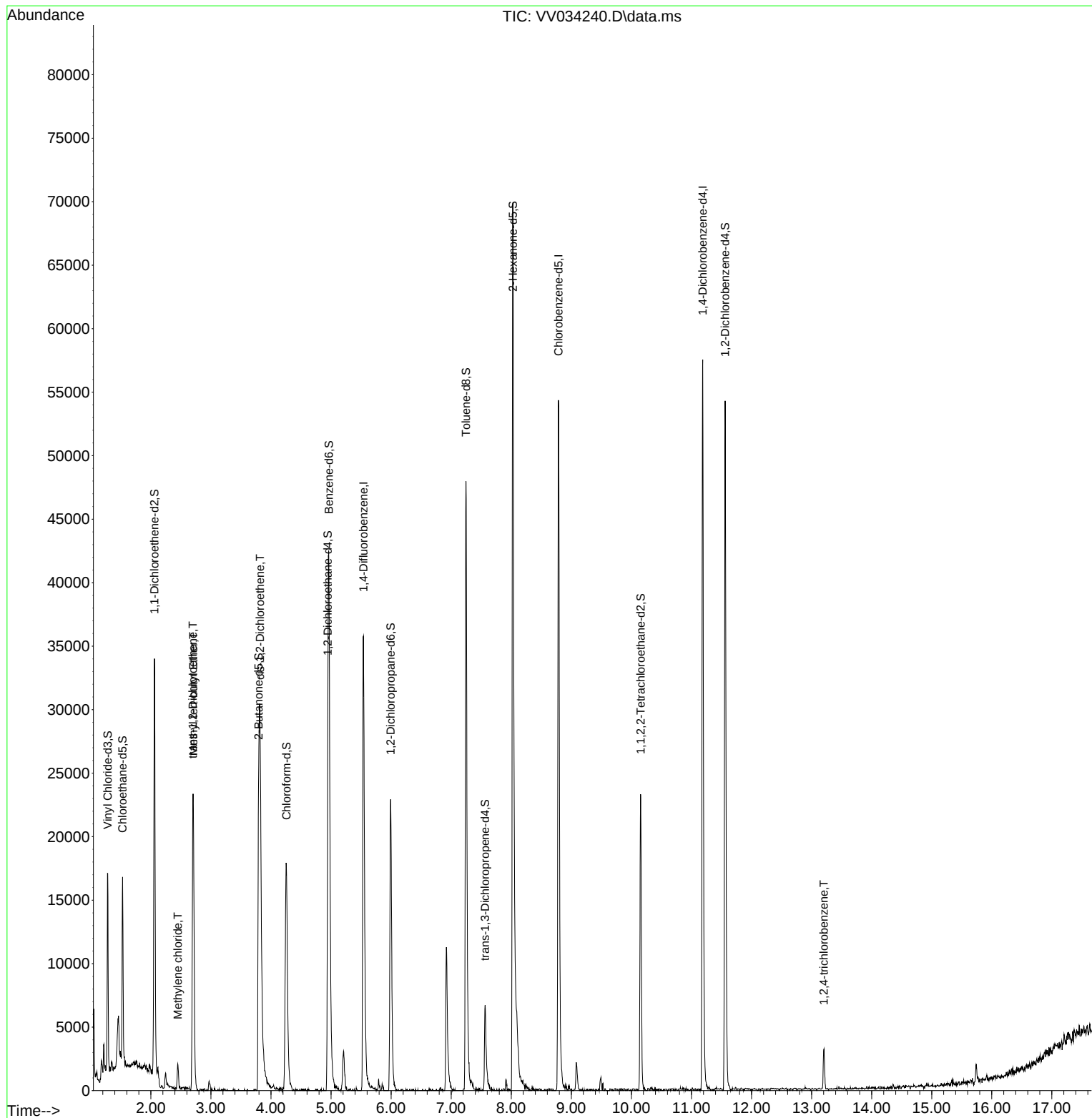
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	32889	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	31242	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	15742	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	10345	4.061	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	81.200%	
7) Chloroethane-d5	1.529	69	8969	4.020	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	80.400%	
11) 1,1-Dichloroethene-d2	2.060	65	5336	4.344	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	86.800%	
20) 2-Butanone-d5	3.793	46	34273	80.116	ug/L	-0.04
Spiked Amount	50.000	Range 40 - 130	Recovery	=	160.240%#	
24) Chloroform-d	4.256	84	20040	4.330	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.600%	
26) 1,2-Dichloroethane-d4	4.947	65	13750	6.357	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	127.200%	
32) Benzene-d6	4.963	84	37162	3.965	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.200%	
36) 1,2-Dichloropropane-d6	5.992	67	10671	4.073	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	81.400%	
41) Toluene-d8	7.246	98	34916	4.053	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.000%	
43) trans-1,3-Dichloroprop...	7.564	79	5173	5.229	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	104.600%	
46) 2-Hexanone-d5	8.027	63	24464	69.267	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	138.540%#	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	10113	6.367	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	127.400%#	
66) 1,2-Dichlorobenzene-d4	11.561	152	13958	4.875	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.600%	
Target Compounds						
					Qvalue	
16) Methylene chloride	2.449	84	845	0.383	ug/L	94
17) Methyl tert-butyl Ether	2.706	73	20009	4.239	ug/L	97
18) trans-1,2-Dichloroethene	2.700	96	1430	0.611	ug/L	88
22) cis-1,2-Dichloroethene	3.818	96	11494	4.329	ug/L	93
70) 1,2,4-trichlorobenzene	13.204	180	1349	0.440	ug/L	89

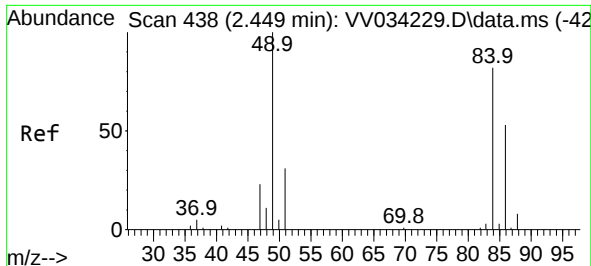
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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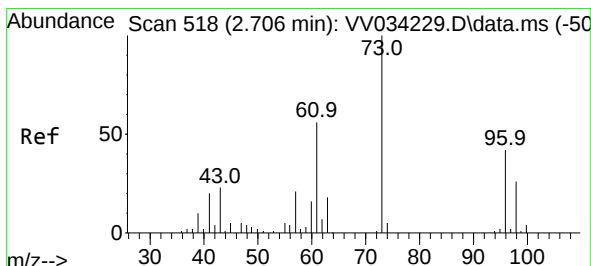
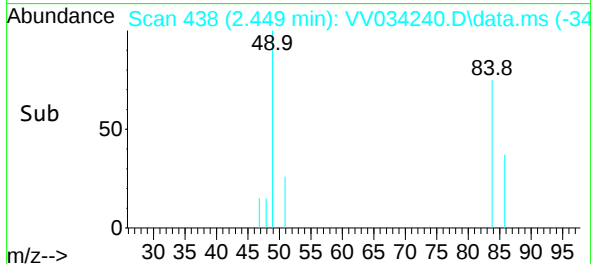
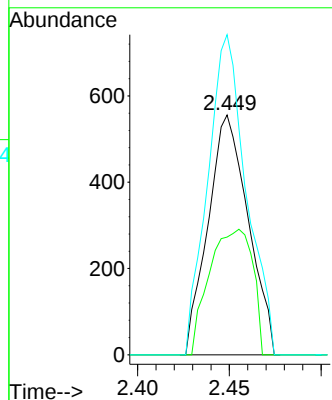
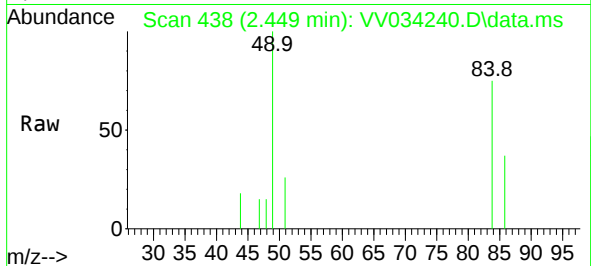




#16
Methylene chloride
Concen: 0.383 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV034240.D
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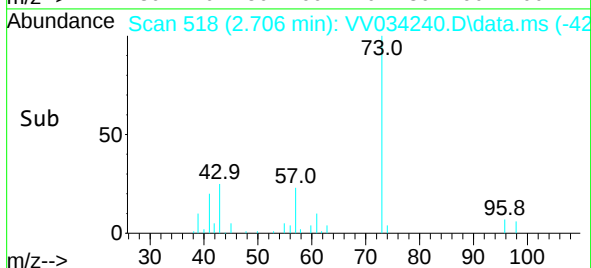
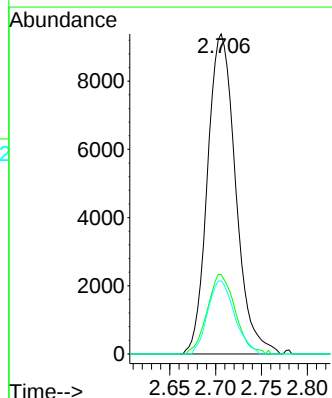
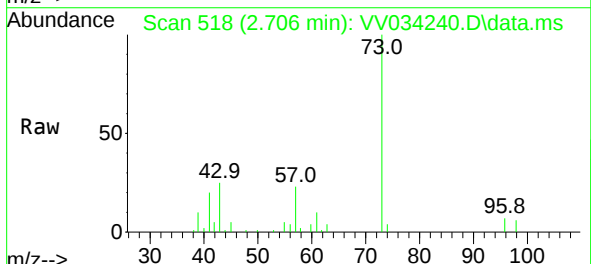
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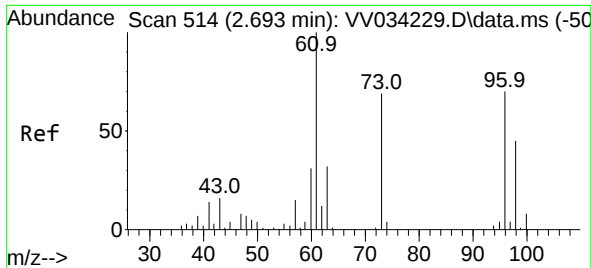
Tgt Ion: 84 Resp: 845
Ion Ratio Lower Upper
84 100
86 49.1 44.7 83.1
49 133.5 93.7 173.9



#17
Methyl tert-butyl Ether
Concen: 4.239 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV034240.D
Acq: 19 Feb 2024 13:51

Tgt Ion: 73 Resp: 20009
Ion Ratio Lower Upper
73 100
43 24.7 17.7 26.5
57 21.8 17.9 26.9

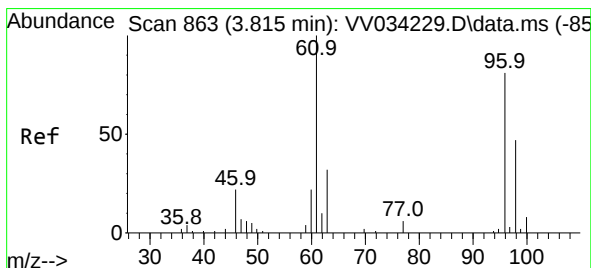
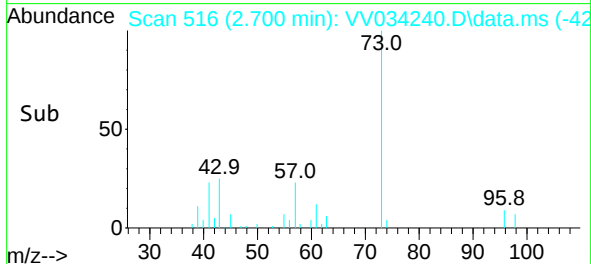
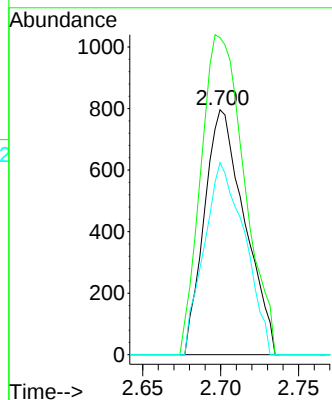
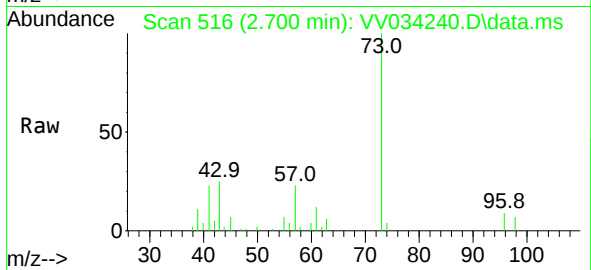




#18
trans-1,2-Dichloroethene
Concen: 0.611 ug/L
RT: 2.700 min Scan# 514
Delta R.T. 0.006 min
Lab File: VV034240.D
Acq: 19 Feb 2024 13:51

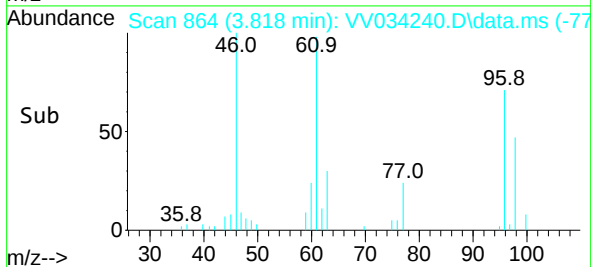
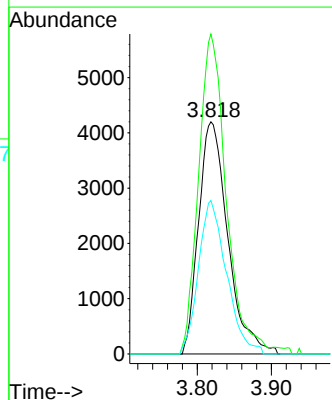
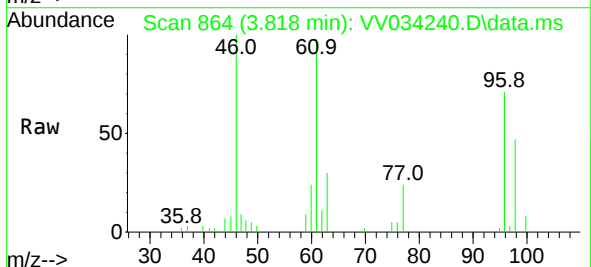
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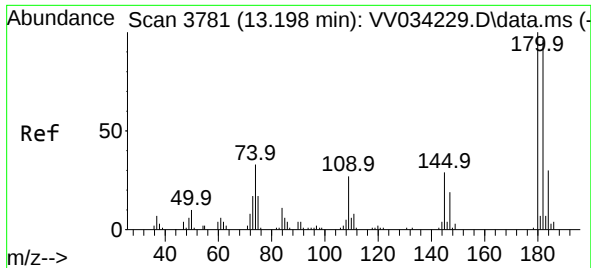
Tgt Ion: 96 Resp: 1430
Ion Ratio Lower Upper
96 100
61 129.4 97.6 181.4
98 78.4 44.4 82.5



#22
cis-1,2-Dichloroethene
Concen: 4.329 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.003 min
Lab File: VV034240.D
Acq: 19 Feb 2024 13:51

Tgt Ion: 96 Resp: 11494
Ion Ratio Lower Upper
96 100
61 137.8 90.3 167.7
98 66.1 43.2 80.2





#70

1,2,4-trichlorobenzene

Concen: 0.440 ug/L

RT: 13.204 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV034240.D

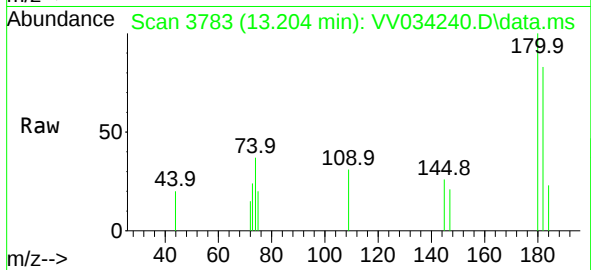
Acq: 19 Feb 2024 13:51

Instrument :

MSVOA_V

ClientSampleId :

DCNB5



Tgt Ion:180 Resp: 1349

Ion Ratio Lower Upper

180 100

182 83.0 76.8 115.2

145 28.2 24.8 37.2

