

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
 Data File : VV028152.D
 Acq On : 28 Sep 2022 12:25
 Operator : SY/MD
 Sample : N4856-06DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H33DL

Quant Time: Sep 29 01:26:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

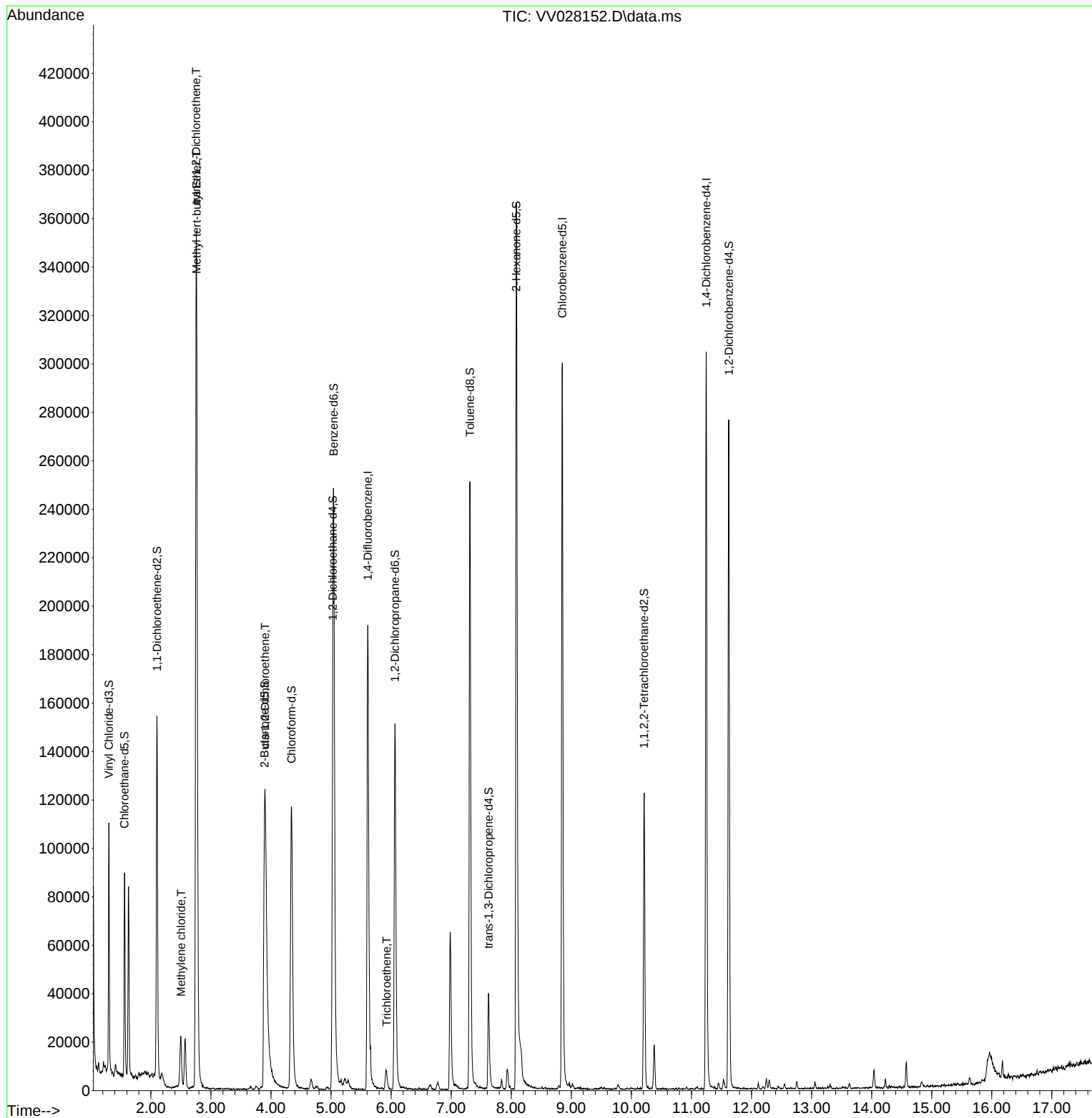
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	173051	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	175812	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	84917	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	56139	3.129	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	62.600%	
7) Chloroethane-d5	1.561	69	54761	3.839	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	76.800%	
11) 1,1-Dichloroethene-d2	2.101	63	76119	2.446	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	49.000%#	
20) 2-Butanone-d5	3.892	46	170546	56.307	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	112.620%	
24) Chloroform-d	4.342	84	127651	4.459	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.200%	
26) 1,2-Dichloroethane-d4	5.027	65	62722	4.604	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.000%	
32) Benzene-d6	5.043	84	229047	3.973	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.400%	
36) 1,2-Dichloropropane-d6	6.063	67	75560	4.204	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.000%	
41) Toluene-d8	7.313	98	176786	3.388	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	67.800%#	
43) trans-1,3-Dichloroprop...	7.622	79	25130	3.871	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.400%	
46) 2-Hexanone-d5	8.085	63	135547	50.028	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.060%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	59734	4.863	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	76248	4.578	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.600%	
Target Compounds						
					Qvalue	
16) Methylene chloride	2.503	84	5999	0.449	ug/L	89
17) Methyl tert-butyl Ether	2.764	73	176199	6.849	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	84680	8.089	ug/L	96
22) cis-1,2-Dichloroethene	3.902	96	23468	1.708	ug/L	97
34) Trichloroethene	5.924	95	2520	0.207	ug/L	87

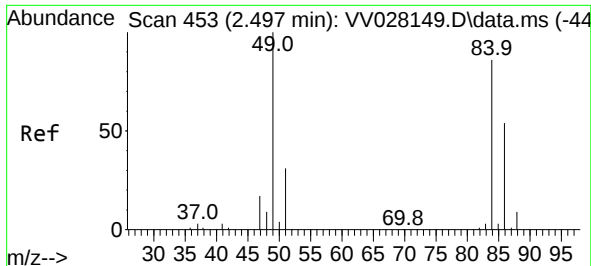
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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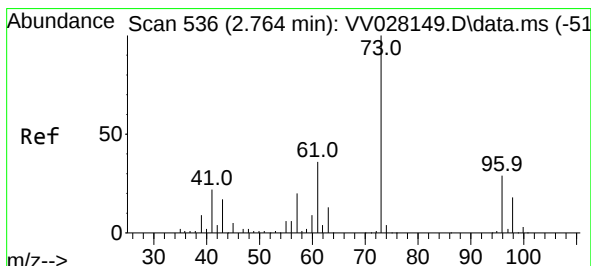
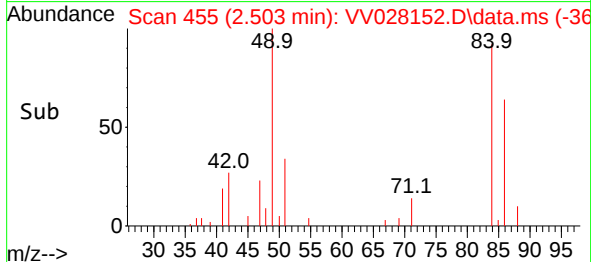
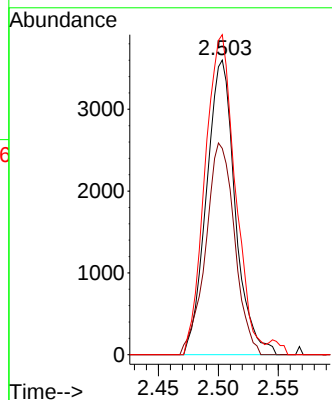
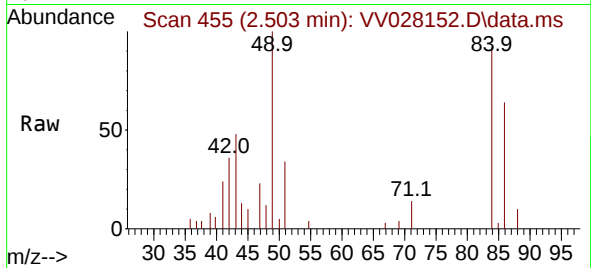




#16
Methylene chloride
Concen: 0.449 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.006 min
Lab File: VV028152.D
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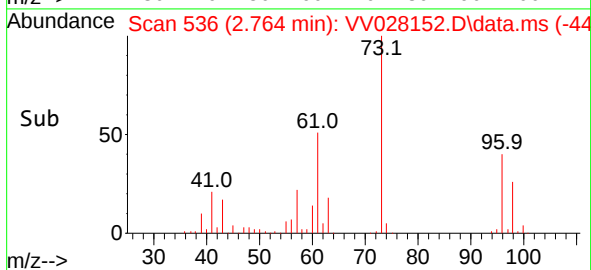
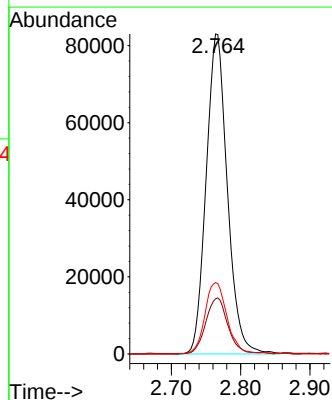
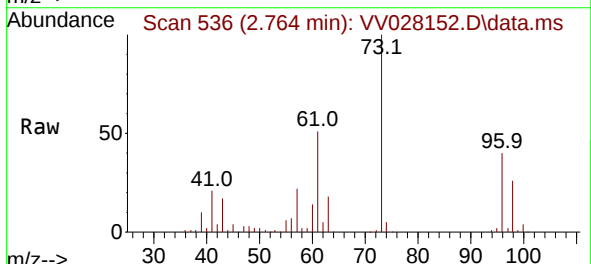
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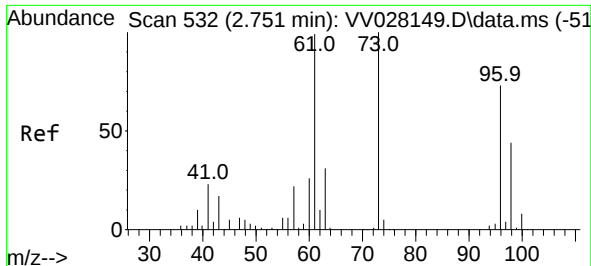
Tgt Ion: 84 Resp: 5999
Ion Ratio Lower Upper
84 100
86 70.0 46.8 86.8
49 108.6 87.5 162.5



#17
Methyl tert-butyl Ether
Concen: 6.849 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.000 min
Lab File: VV028152.D
Acq: 28 Sep 2022 12:25

Tgt Ion: 73 Resp: 176199
Ion Ratio Lower Upper
73 100
43 18.3 15.7 23.5
57 23.3 17.8 26.8

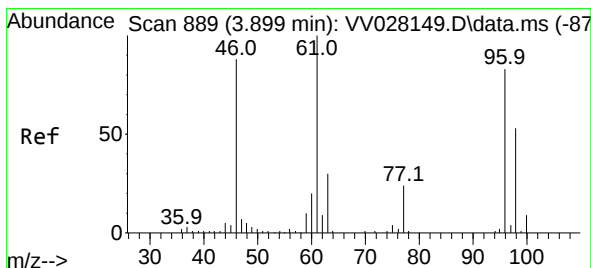
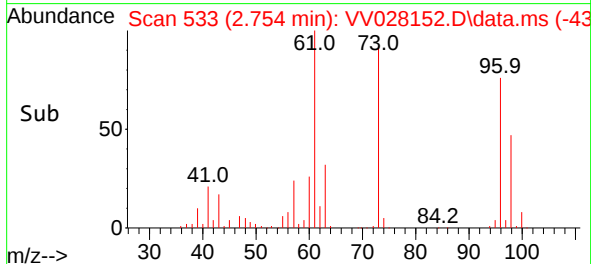
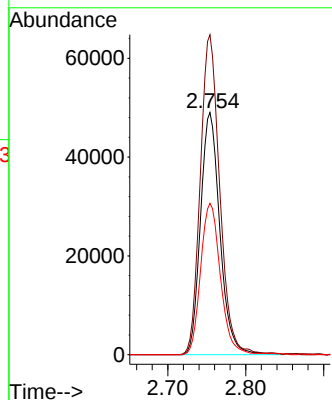
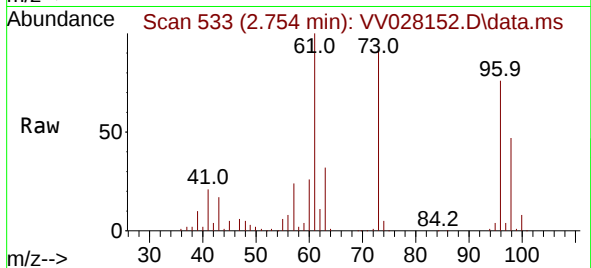




#18
trans-1,2-Dichloroethene
Concen: 8.089 ug/L
RT: 2.754 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV028152.D
Acq: 28 Sep 2022 12:25

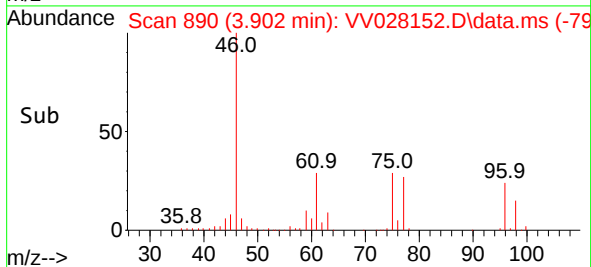
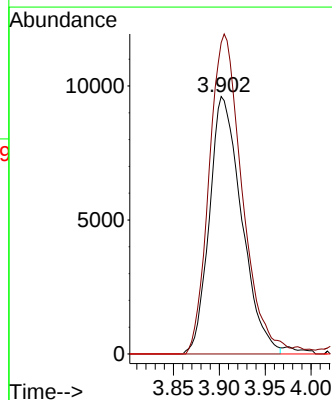
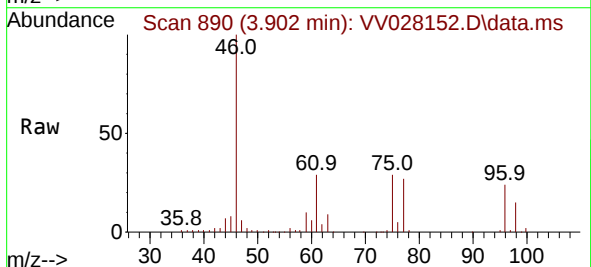
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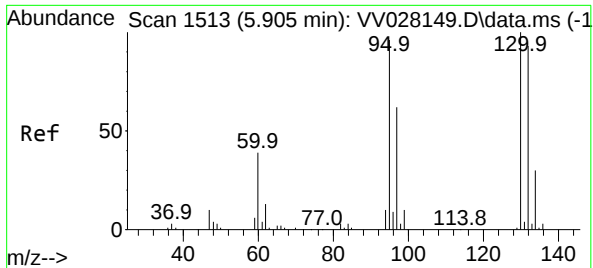
Tgt Ion: 96 Resp: 84680
Ion Ratio Lower Upper
96 100
61 132.1 96.2 178.6
98 62.5 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 1.708 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.003 min
Lab File: VV028152.D
Acq: 28 Sep 2022 12:25

Tgt Ion: 96 Resp: 23468
Ion Ratio Lower Upper
96 100
61 120.9 87.2 161.9
68 0.0 0.0 0.0





#34
 Trichloroethene
 Concen: 0.207 ug/L
 RT: 5.924 min Scan# 11
 Delta R.T. 0.019 min
 Lab File: VV028152.D
 Acq: 28 Sep 2022 12:25

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H33DL

Tgt Ion: 95 Resp: 2520

Ion	Ratio	Lower	Upper
95	100		
97	48.2	44.2	82.0
132	89.1	67.8	126.0
130	111.1	68.8	127.8

