

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV033023\
 Data File : VV030348.D
 Acq On : 30 Mar 2023 10:45
 Operator : SY/MD
 Sample : 02099-01DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AA5DL

Quant Time: Mar 31 05:38:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 31 05:37:21 2023
 Response via : Initial Calibration

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

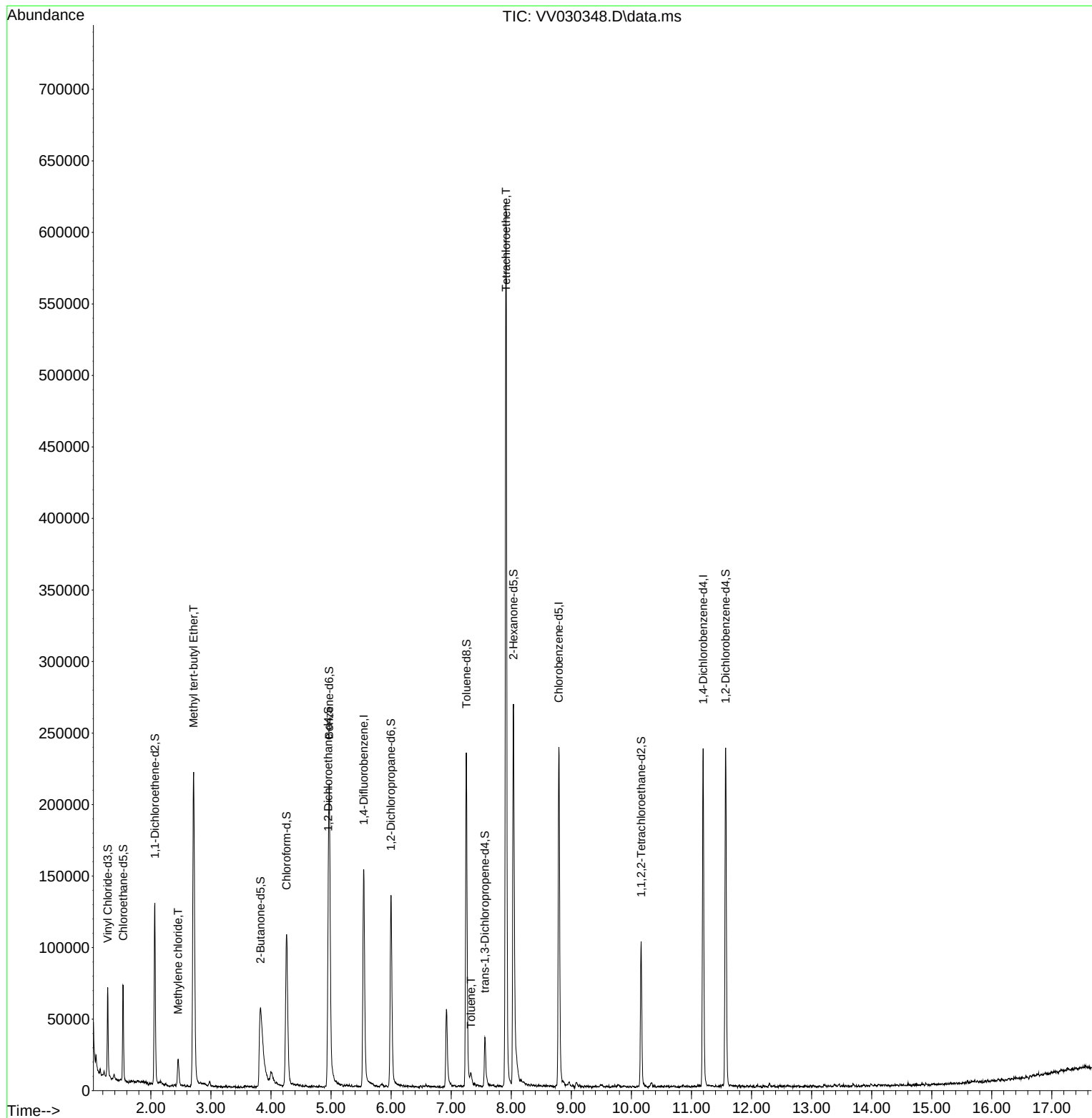
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	134093	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	131178	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	63175	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	37707	4.246	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	85.000%	
7) Chloroethane-d5	1.539	69	40495	4.699	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.000%	
11) 1,1-Dichloroethene-d2	2.066	63	66583	3.159	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	63.200%	
20) 2-Butanone-d5	3.825	46	132303	57.636	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	115.280%	
24) Chloroform-d	4.259	84	109340	5.087	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.800%	
26) 1,2-Dichloroethane-d4	4.953	65	54697	5.393	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.800%	
32) Benzene-d6	4.969	84	187597	5.075	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.600%	
36) 1,2-Dichloropropane-d6	5.998	67	62728	5.420	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	108.400%	
41) Toluene-d8	7.252	98	157154	4.630	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.600%	
43) trans-1,3-Dichloroprop...	7.561	79	19990	4.588	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.800%	
46) 2-Hexanone-d5	8.037	63	98080	56.018	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	112.040%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	46359	5.083	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.600%	
66) 1,2-Dichlorobenzene-d4	11.570	152	62418	5.528	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.600%	
Target Compounds						Qvalue
16) Methylene chloride	2.455	84	8010	0.604	ug/L	94
17) Methyl tert-butyl Ether	2.712	73	213269	8.987	ug/L	99
42) Toluene	7.329	91	4578	0.092	ug/L	98
47) Tetrachloroethene	7.911	164	135977	12.261	ug/L	96

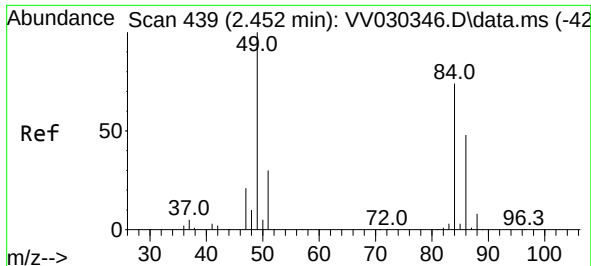
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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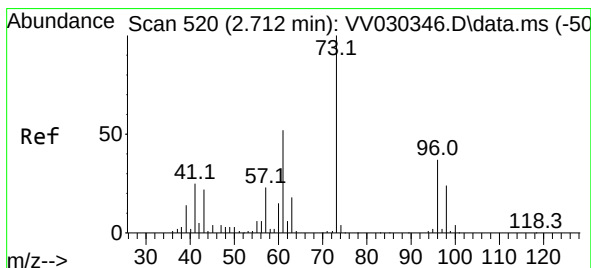
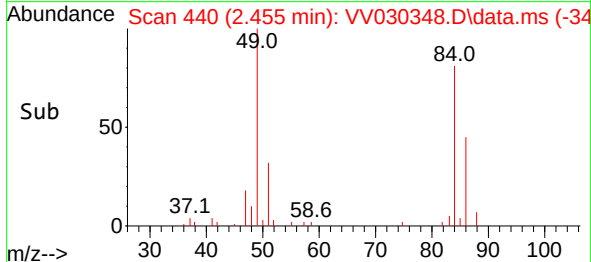
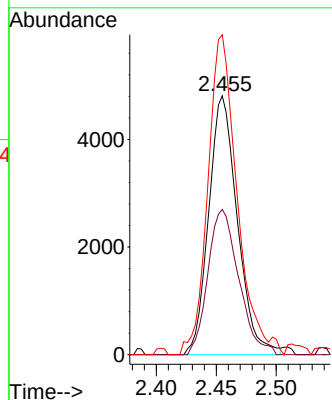
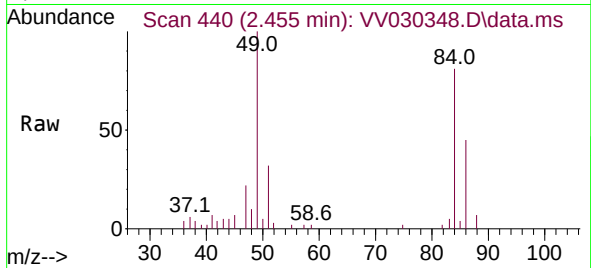




#16
Methylene chloride
Concen: 0.604 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV030348.D
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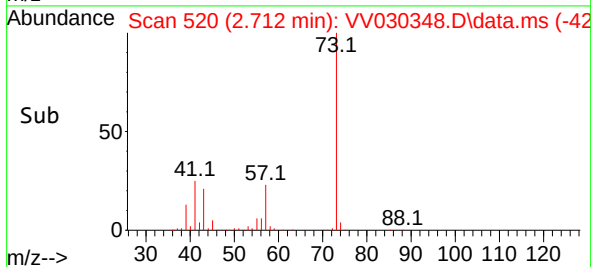
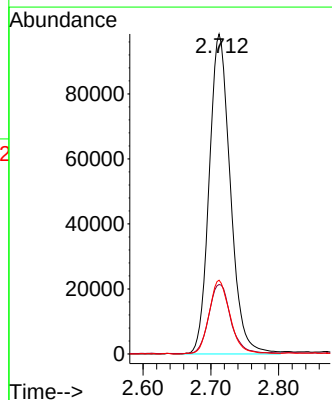
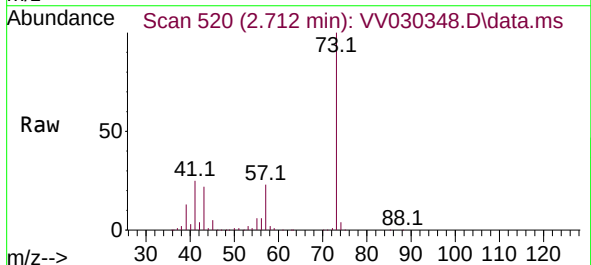
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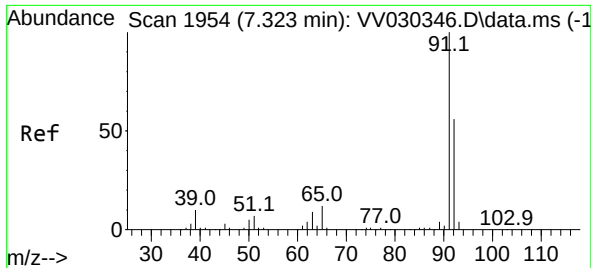
Tgt Ion: 84 Resp: 8010
Ion Ratio Lower Upper
84 100
86 56.2 44.0 81.6
49 123.6 90.6 168.3



#17
Methyl tert-butyl Ether
Concen: 8.987 ug/L
RT: 2.712 min Scan# 520
Delta R.T. -0.000 min
Lab File: VV030348.D
Acq: 30 Mar 2023 10:45

Tgt Ion: 73 Resp: 213269
Ion Ratio Lower Upper
73 100
43 22.3 17.4 26.2
57 22.7 18.3 27.5

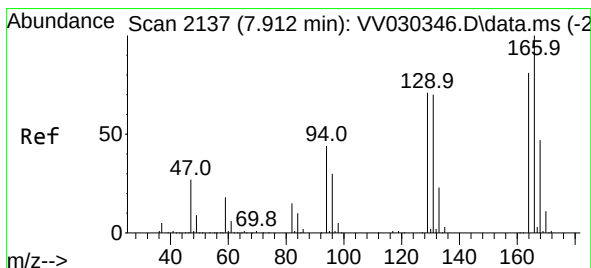
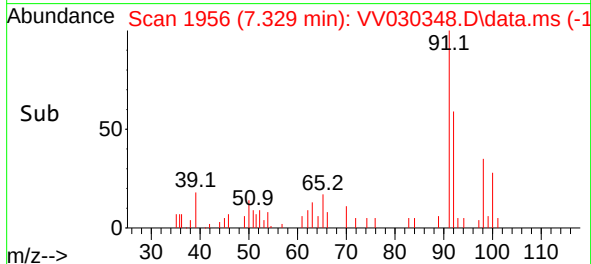
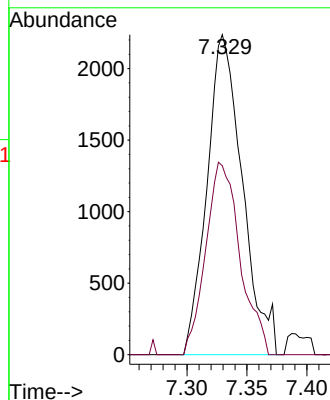
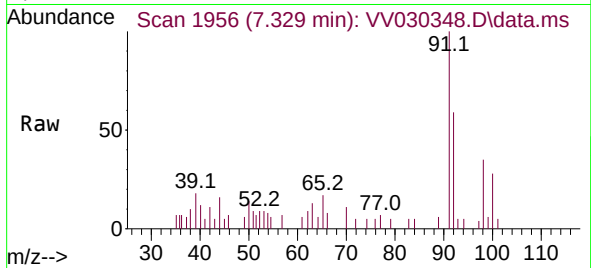




#42
Toluene
Concen: 0.092 ug/L
RT: 7.329 min Scan# 1954
Delta R.T. 0.006 min
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Tgt Ion: 91 Resp: 4578
Ion Ratio Lower Upper
91 100
92 59.1 40.4 75.0



#47
Tetrachloroethene
Concen: 12.261 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV030348.D
Acq: 30 Mar 2023 10:45

Tgt Ion: 164 Resp: 135977
Ion Ratio Lower Upper
164 100
129 93.1 60.8 112.8
131 88.2 61.7 114.7
166 128.4 85.6 159.0

