

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102321\
 Data File : VW023008.D
 Acq On : 23 Oct 2021 14:35
 Operator : SY/MD
 Sample : M4277-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGA1

Quant Time: Oct 25 01:06:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 25 01:03:32 2021
 Response via : Initial Calibration

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

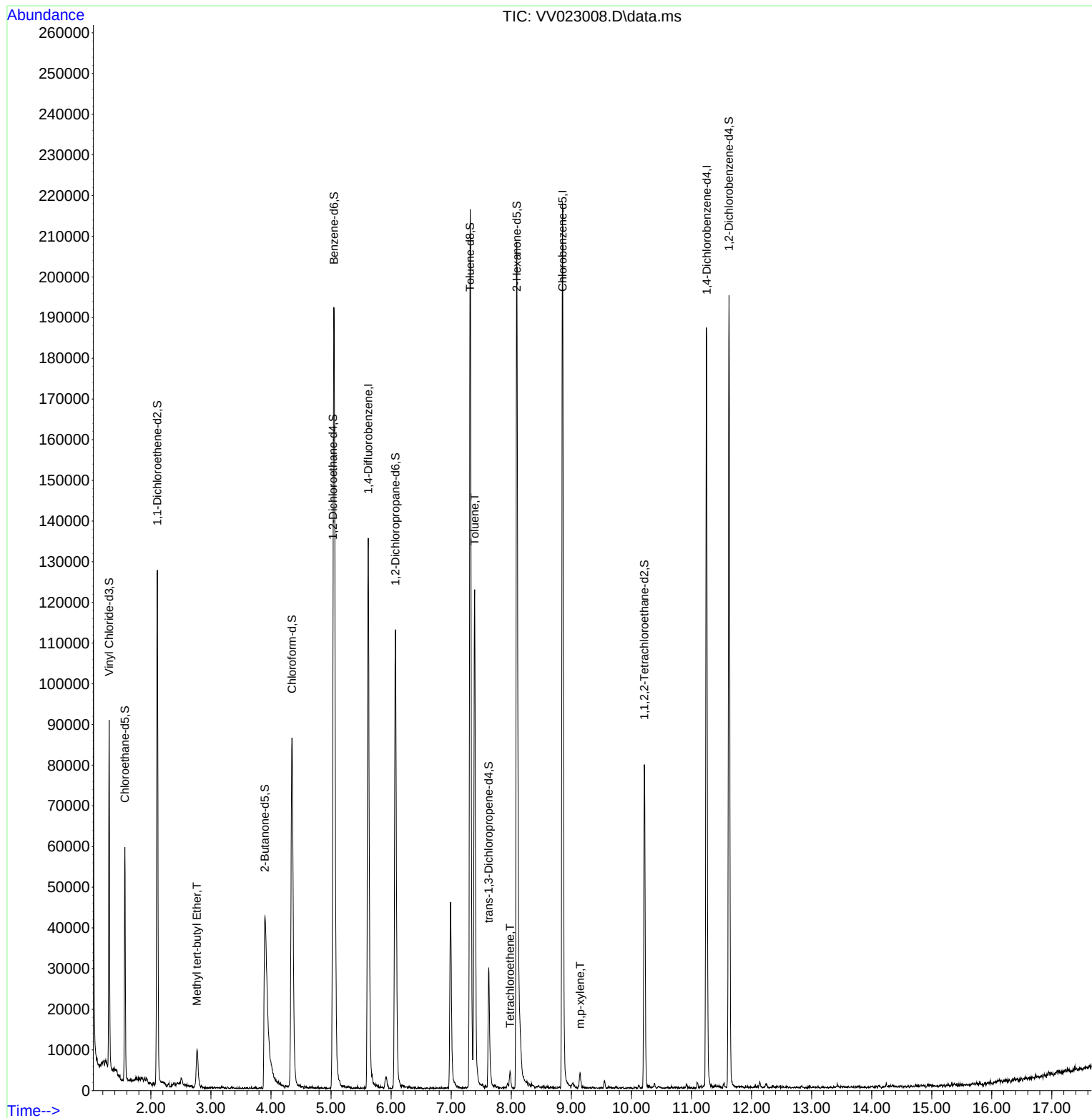
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	119834	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	123321	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	51597	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	54074	5.164	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 103.200%		
7) Chloroethane-d5	1.568	69	34913	5.390	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 107.800%		
11) 1,1-Dichloroethene-d2	2.108	63	66181	4.381	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 87.600%		
20) 2-Butanone-d5	3.899	46	102735	61.161	ug/L	-0.05
Spiked Amount	50.000	Range 40 - 130	Recovery	= 122.320%		
24) Chloroform-d	4.349	84	91403	5.369	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.400%		
26) 1,2-Dichloroethane-d4	5.034	65	43265	5.392	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 107.800%		
32) Benzene-d6	5.050	84	175670	4.879	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 97.600%		
36) 1,2-Dichloropropane-d6	6.072	67	55763	5.031	ug/L	-0.02
Spiked Amount	5.000	Range 60 - 140	Recovery	= 100.600%		
41) Toluene-d8	7.317	98	144235	4.460	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 89.200%		
43) trans-1,3-Dichloroprop...	7.625	79	18025	4.642	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 92.800%		
46) 2-Hexanone-d5	8.091	63	70309	48.903	ug/L	-0.01
Spiked Amount	50.000	Range 45 - 130	Recovery	= 97.800%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39369	5.144	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 102.800%		
66) 1,2-Dichlorobenzene-d4	11.625	152	52644	5.718	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 114.400%		
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	2.767	73	8633	0.589	ug/L	# 89
42) Toluene	7.391	91	90503	2.691	ug/L	97
47) Tetrachloroethene	7.982	164	994	0.141	ug/L	83
53) m,p-xylene	9.146	106	1124	0.084	ug/L	89

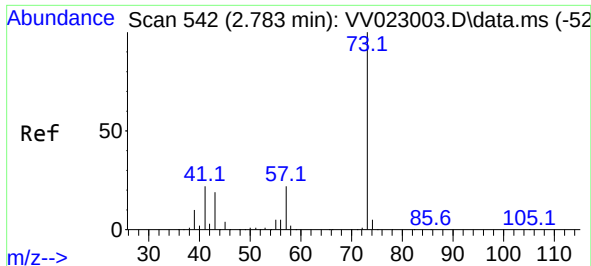
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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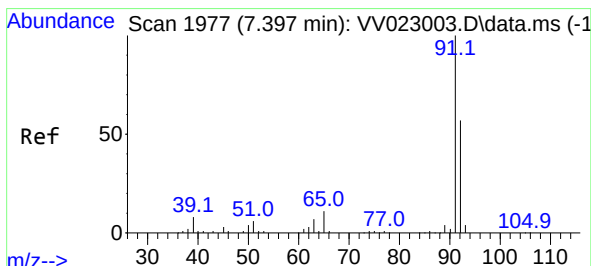
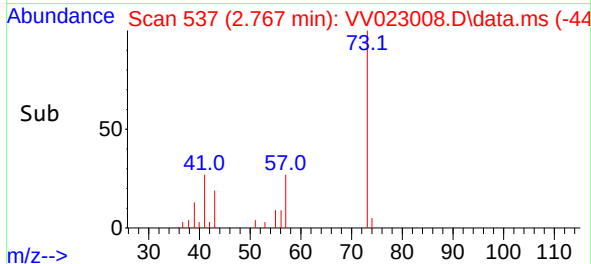
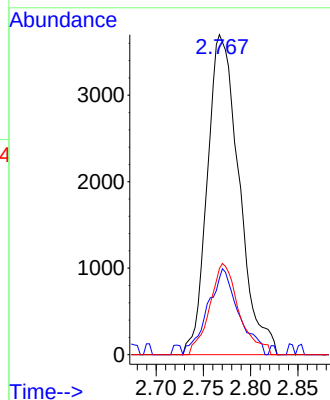
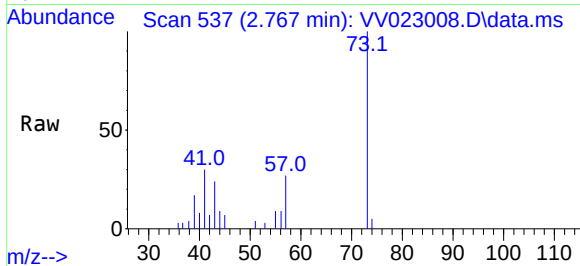




#17
Methyl tert-butyl Ether
Concen: 0.589 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.016 min
Lab File: VV023008.D
Acq: 23 Oct 2021 14:35

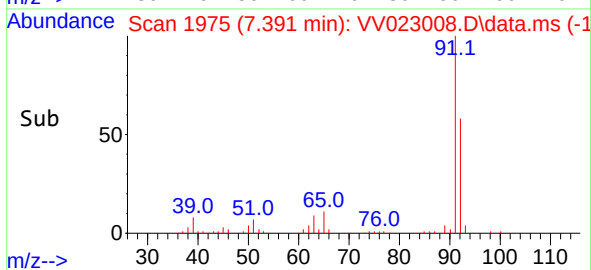
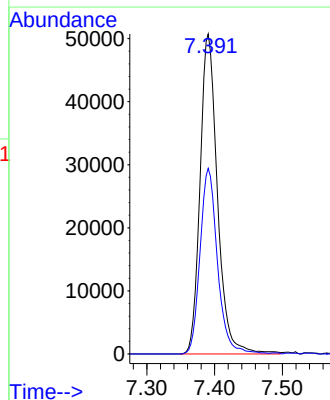
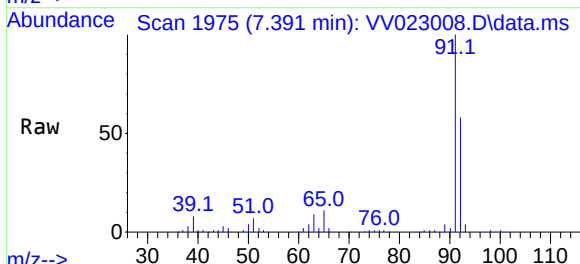
Instrument :
MSVOA_V
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BFGA1

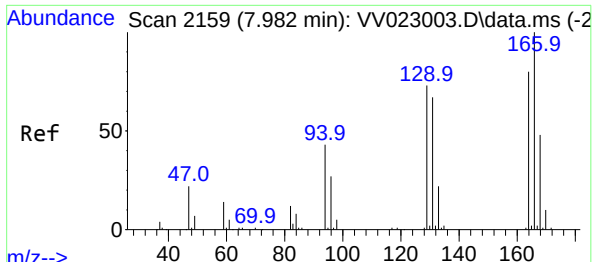
Tgt Ion: 73 Resp: 8633
Ion Ratio Lower Upper
73 100
43 25.9 17.4 26.0
57 26.4 16.5 24.7#



#42
Toluene
Concen: 2.691 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. -0.006 min
Lab File: VV023008.D
Acq: 23 Oct 2021 14:35

Tgt Ion: 91 Resp: 90503
Ion Ratio Lower Upper
91 100
92 58.0 39.3 72.9



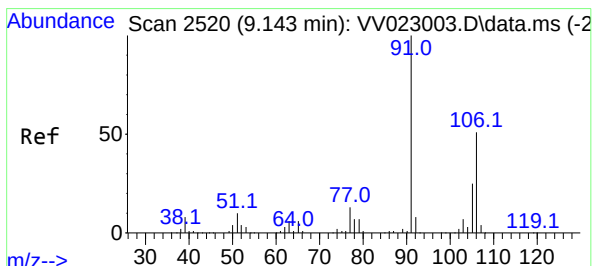
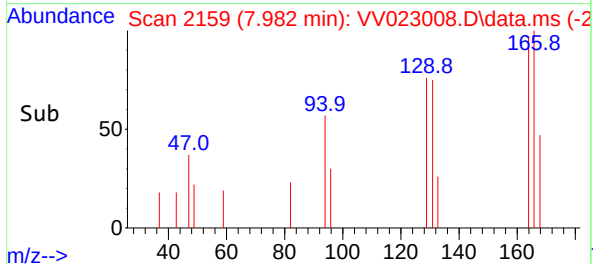
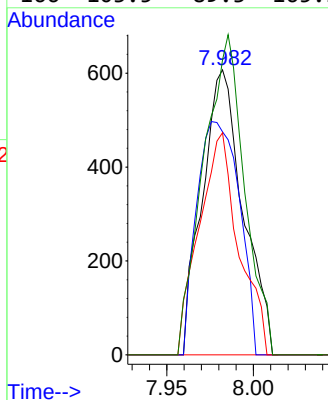
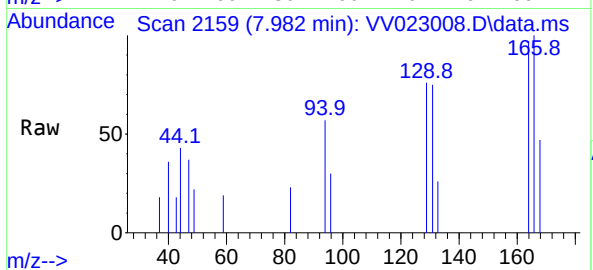


#47
Tetrachloroethene
Concen: 0.141 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VV023008.D
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Tgt Ion:164 Resp: 994

Ion	Ratio	Lower	Upper
164	100		
129	78.3	64.0	119.0
131	77.9	63.4	117.8
166	103.5	89.3	165.9



#53
m,p-xylene
Concen: 0.084 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VV023008.D
Acq: 23 Oct 2021 14:35

Tgt Ion:106 Resp: 1124

Ion	Ratio	Lower	Upper
106	100		
91	179.6	137.2	254.8

