

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101421\
 Data File : VW022822.D
 Acq On : 15 Oct 2021 03:27
 Operator : SY/MD
 Sample : M4223-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGC3

Quant Time: Oct 16 03:57:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 16 03:54:29 2021
 Response via : Initial Calibration

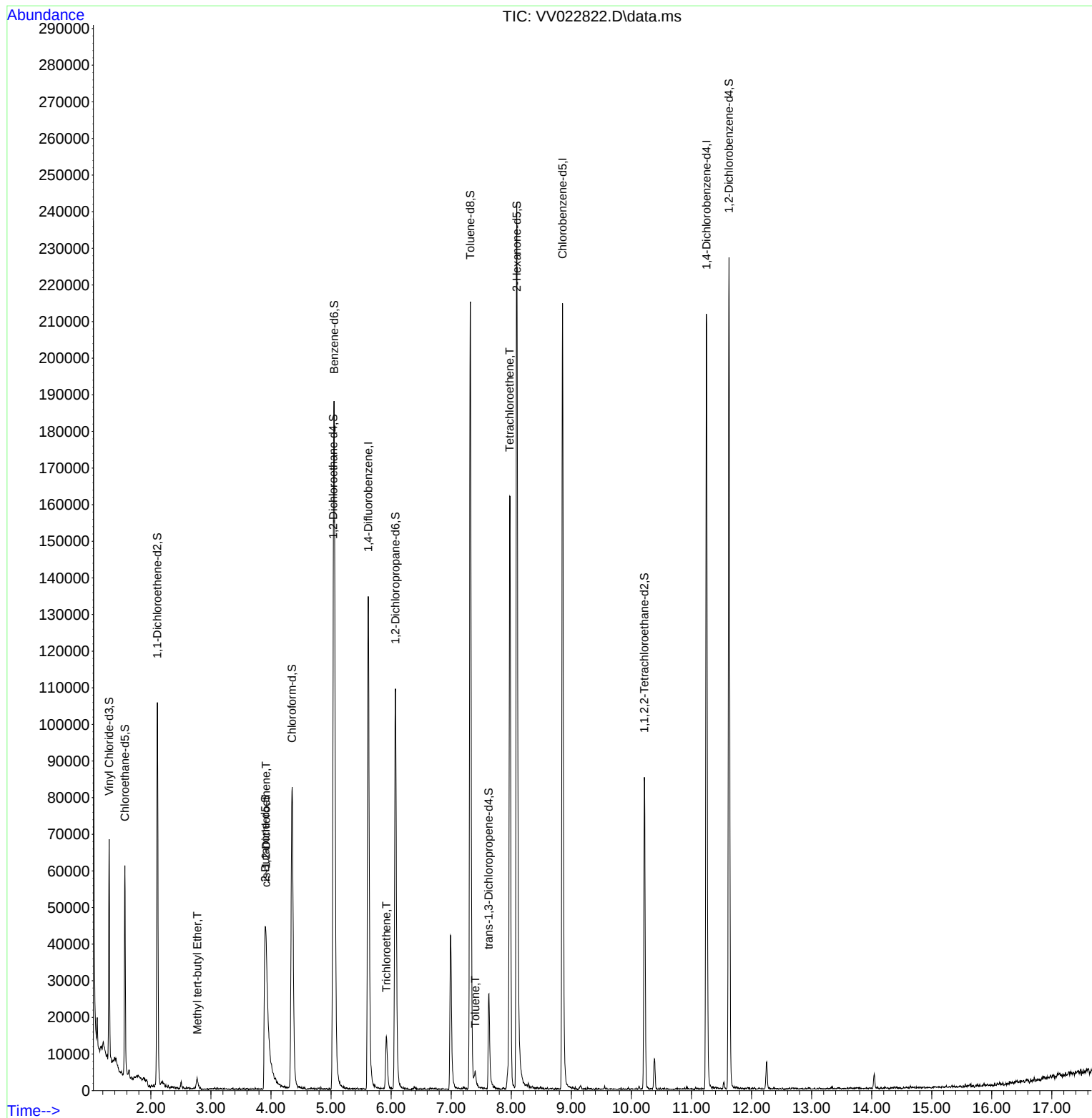
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	122187	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	123602	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59438	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	37508	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.568	69	33662	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.108	63	53234	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	3.905	46	100651	45.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.32%
24) Chloroform-d	4.352	84	88394	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.037	65	41435	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.053	84	170496	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.072	67	54716	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.317	98	145771	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloroprop...	7.625	79	15990	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.092	63	87341	59.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.92%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40395	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.40%
66) 1,2-Dichlorobenzene-d4	11.625	152	60818	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%
Target Compounds						
17) Methyl tert-butyl Ether	2.773	73	2256	0.13	ug/L	81
22) cis-1,2-Dichloroethene	3.915	96	3513	0.42	ug/L	95
34) Trichloroethene	5.921	95	4603	0.51	ug/L	94
42) Toluene	7.404	91	3115	0.09	ug/L	95
47) Tetrachloroethene	7.976	164	37176	5.08	ug/L	99

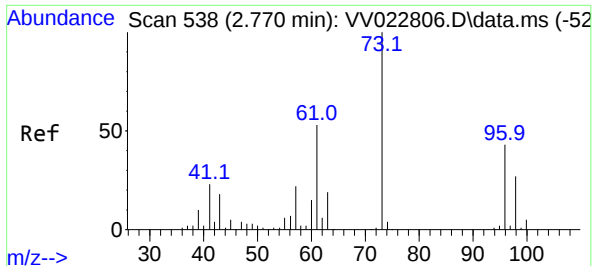
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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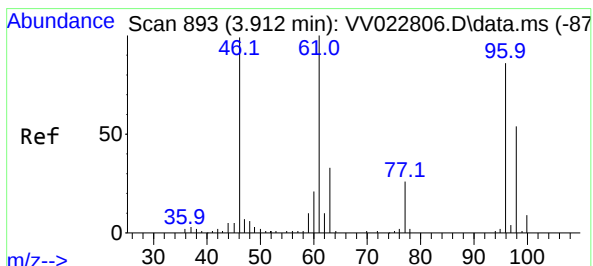
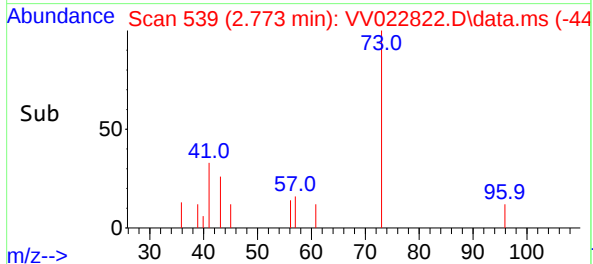
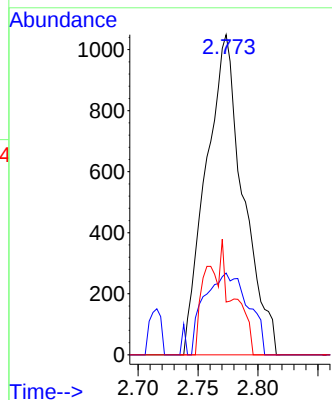
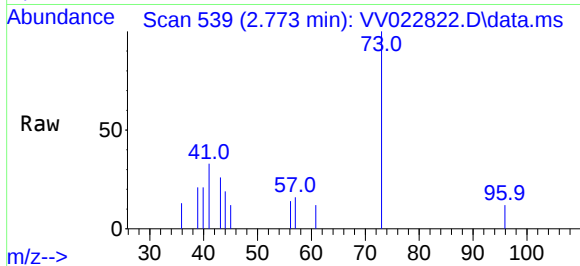




#17
Methyl tert-butyl Ether
Concen: 0.13 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.003 min
Lab File: VV022822.D
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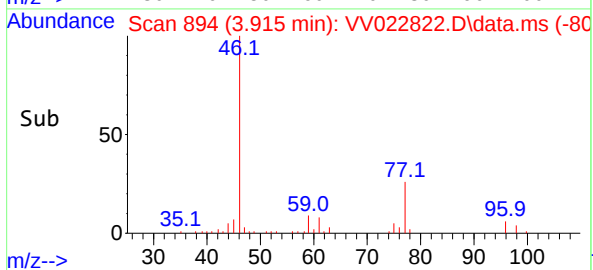
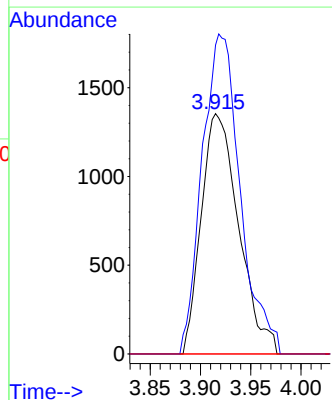
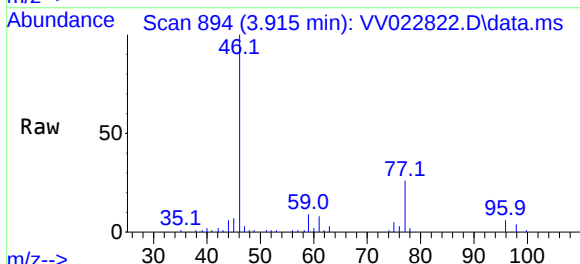
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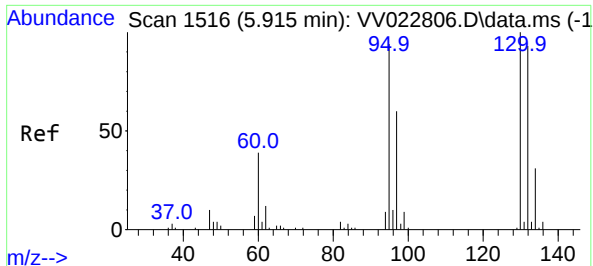
Tgt Ion: 73 Resp: 2256
Ion Ratio Lower Upper
73 100
43 30.2 17.1 25.7#
57 12.8 17.2 25.8#



#22
cis-1,2-Dichloroethene
Concen: 0.42 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV022822.D
Acq: 15 Oct 2021 03:27

Tgt Ion: 96 Resp: 3513
Ion Ratio Lower Upper
96 100
61 128.6 86.0 159.6
68 0.0 0.0 0.0

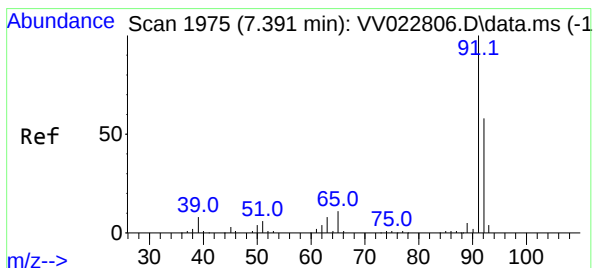
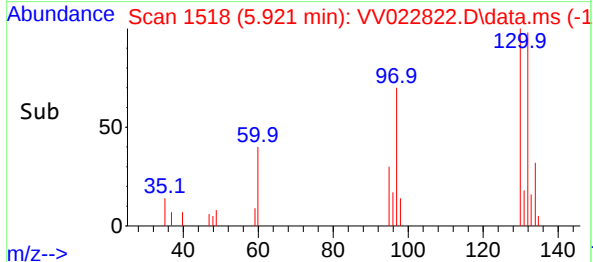
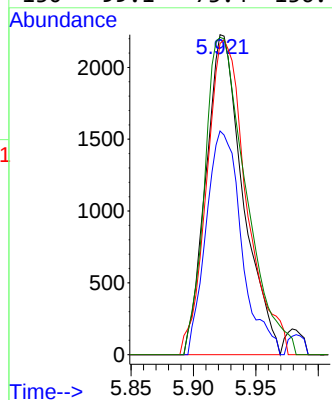
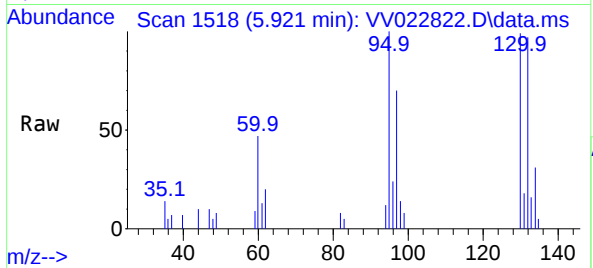




#34
Trichloroethene
Concen: 0.51 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VV022822.D
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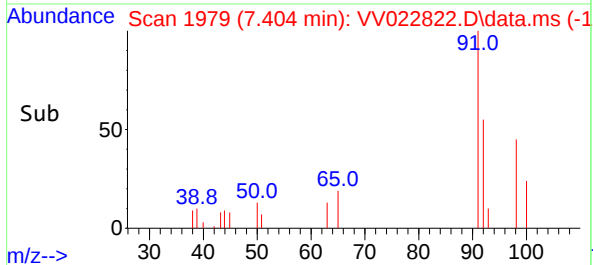
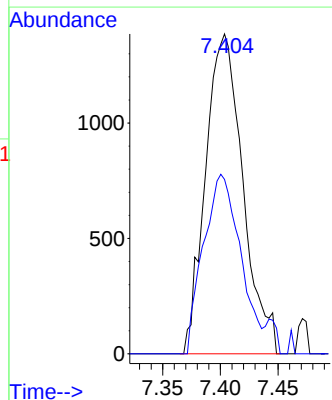
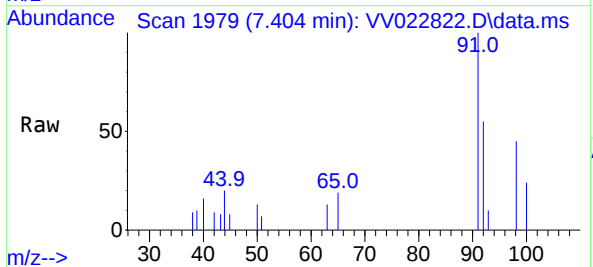
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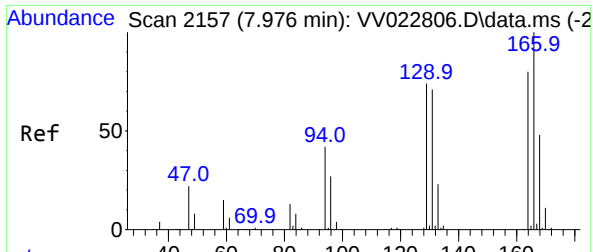
Tgt Ion: 95 Resp: 4603
Ion Ratio Lower Upper
95 100
97 69.9 45.8 85.2
132 97.3 72.2 134.0
130 99.1 73.4 136.4



#42
Toluene
Concen: 0.09 ug/L
RT: 7.404 min Scan# 1979
Delta R.T. 0.013 min
Lab File: VV022822.D
Acq: 15 Oct 2021 03:27

Tgt Ion: 91 Resp: 3115
Ion Ratio Lower Upper
91 100
92 54.5 40.7 75.7





#47
Tetrachloroethene
Concen: 5.08 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022822.D
Acq: 15 Oct 2021 03:27

Instrument :
MSVOA_V
ClientSampleId :
BFGC3

Tgt Ion:164 Resp: 37176

Ion	Ratio	Lower	Upper
164	100		
129	92.9	65.0	120.6
131	85.8	62.2	115.4
166	126.0	89.2	165.8

