

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060523\
 Data File : VW031350.D
 Acq On : 05 Jun 2023 16:25
 Operator : SY/MD
 Sample : 02990-02 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C27

Quant Time: Jun 06 02:09:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 06 02:05:53 2023
 Response via : Initial Calibration

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

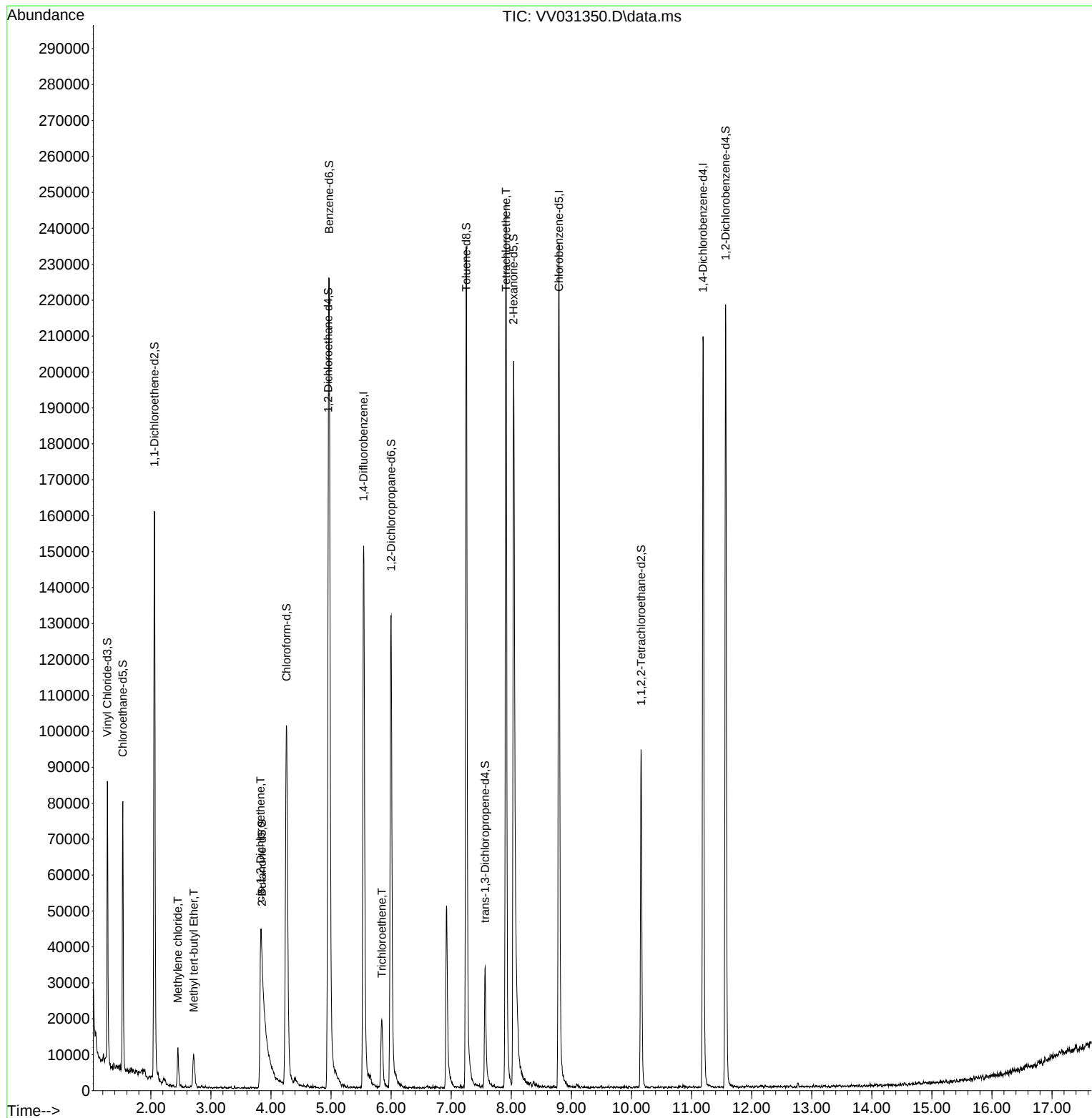
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	122245	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	126362	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	55082	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	52043	4.185	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.800%
7) Chloroethane-d5	1.532	69	47337	4.507	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.060	65	28521	4.724	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	3.847	46	86977	30.220	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	60.440%
24) Chloroform-d	4.259	84	112505	5.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%
26) 1,2-Dichloroethane-d4	4.953	65	57944	5.167	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	4.966	84	193726	5.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	5.998	67	64189	4.947	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.249	98	162144	4.495	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	7.564	79	21550	4.562	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.037	63	82480	43.464	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.920%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	44523	4.514	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	11.567	152	55238	5.317	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						
16) Methylene chloride	2.449	84	3980	0.287	ug/L	97
17) Methyl tert-butyl Ether	2.716	73	8808	0.338	ug/L	100
22) cis-1,2-Dichloroethene	3.825	96	10376	0.945	ug/L	96
34) Trichloroethene	5.847	95	6801	0.560	ug/L	93
47) Tetrachloroethene	7.912	164	54623	5.771	ug/L	98

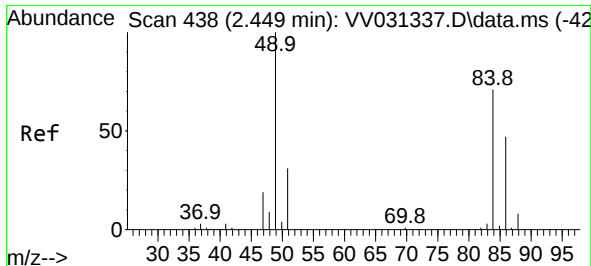
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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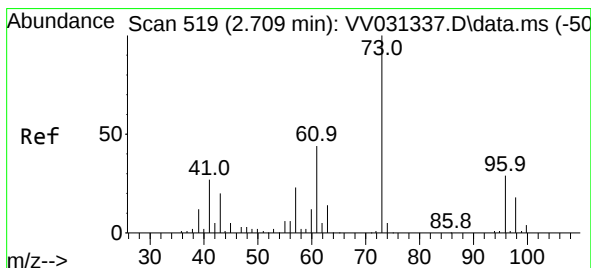
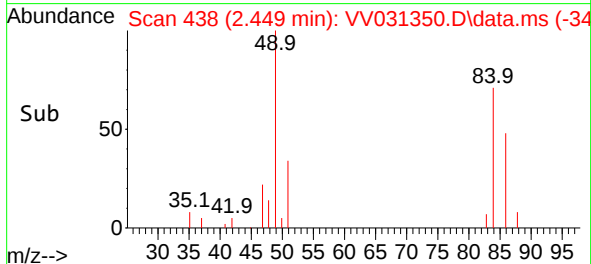
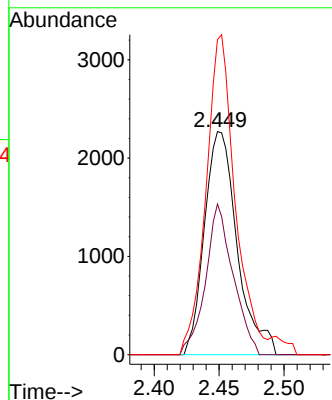
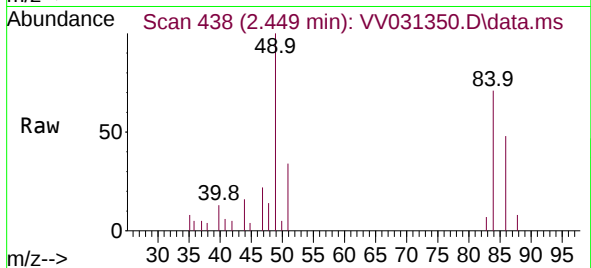




#16
Methylene chloride
Concen: 0.287 ug/L
RT: 2.449 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV031350.D
Acq: 05 Jun 2023 16:25

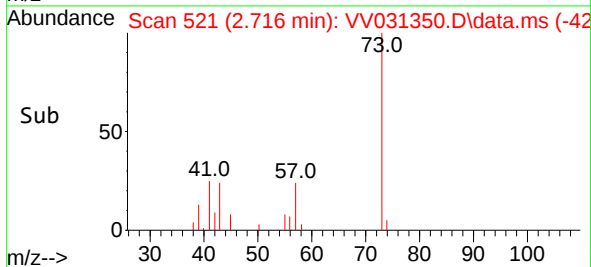
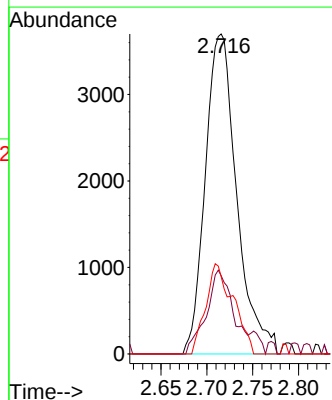
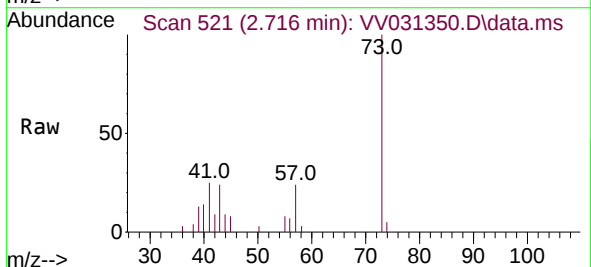
Instrument :
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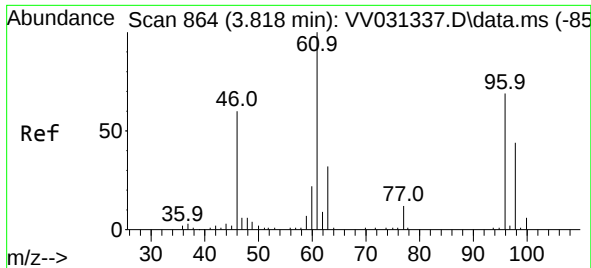
Tgt Ion: 84 Resp: 3980
Ion Ratio Lower Upper
84 100
86 67.5 46.7 86.7
49 141.2 101.6 188.8



#17
Methyl tert-butyl Ether
Concen: 0.338 ug/L
RT: 2.716 min Scan# 521
Delta R.T. 0.006 min
Lab File: VV031350.D
Acq: 05 Jun 2023 16:25

Tgt Ion: 73 Resp: 8808
Ion Ratio Lower Upper
73 100
43 22.3 17.8 26.8
57 24.6 19.8 29.8

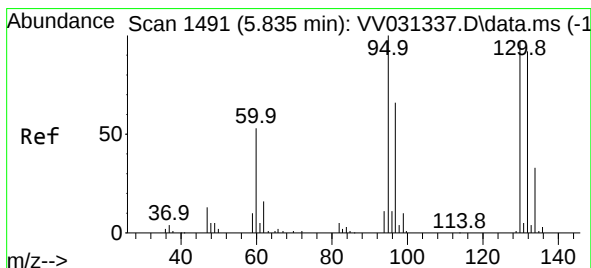
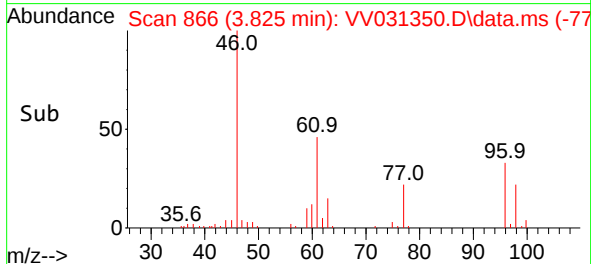
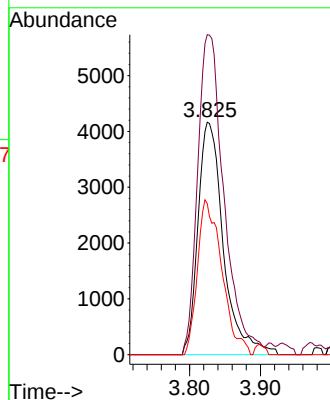
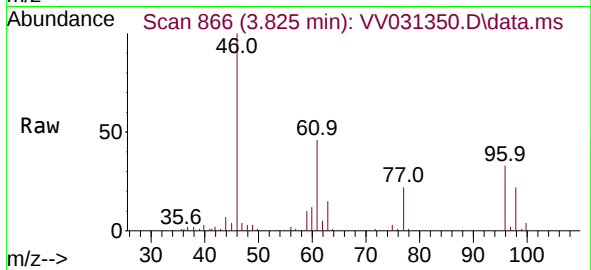




#22
cis-1,2-Dichloroethene
Concen: 0.945 ug/L
RT: 3.825 min Scan# 864
Delta R.T. 0.006 min
Lab File: VV031350.D
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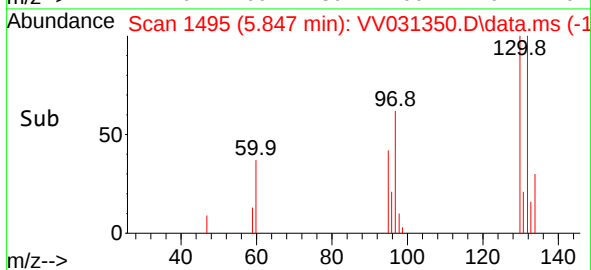
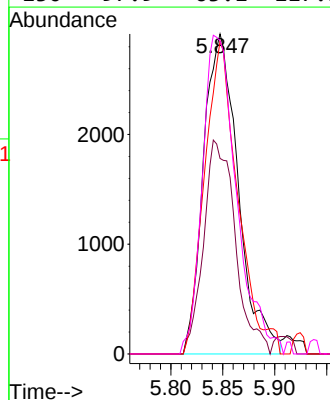
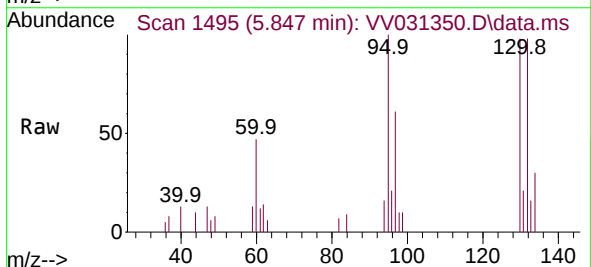
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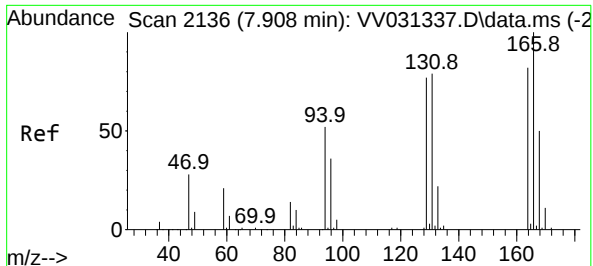
Tgt Ion: 96 Resp: 10376
Ion Ratio Lower Upper
96 100
61 137.6 100.8 187.2
98 65.0 45.1 83.9



#34
Trichloroethene
Concen: 0.560 ug/L
RT: 5.847 min Scan# 1495
Delta R.T. 0.013 min
Lab File: VV031350.D
Acq: 05 Jun 2023 16:25

Tgt Ion: 95 Resp: 6801
Ion Ratio Lower Upper
95 100
97 61.1 46.1 85.5
132 97.7 64.5 119.9
130 97.9 63.1 117.1





#47
 Tetrachloroethene
 Concen: 5.771 ug/L
 RT: 7.912 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV031350.D
 Acq: 05 Jun 2023 16:25

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C27

Tgt Ion:164	Resp:	54623
Ion	Ratio	Lower Upper
164	100	
129	95.7	66.0 122.6
131	89.4	65.3 121.3
166	126.8	90.1 167.3

