

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041223\
 Data File : VW030526.D
 Acq On : 12 Apr 2023 18:36
 Operator : SY/MD
 Sample : 02275-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDZ4

Quant Time: Apr 13 02:52:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 13 02:44:31 2023
 Response via : Initial Calibration

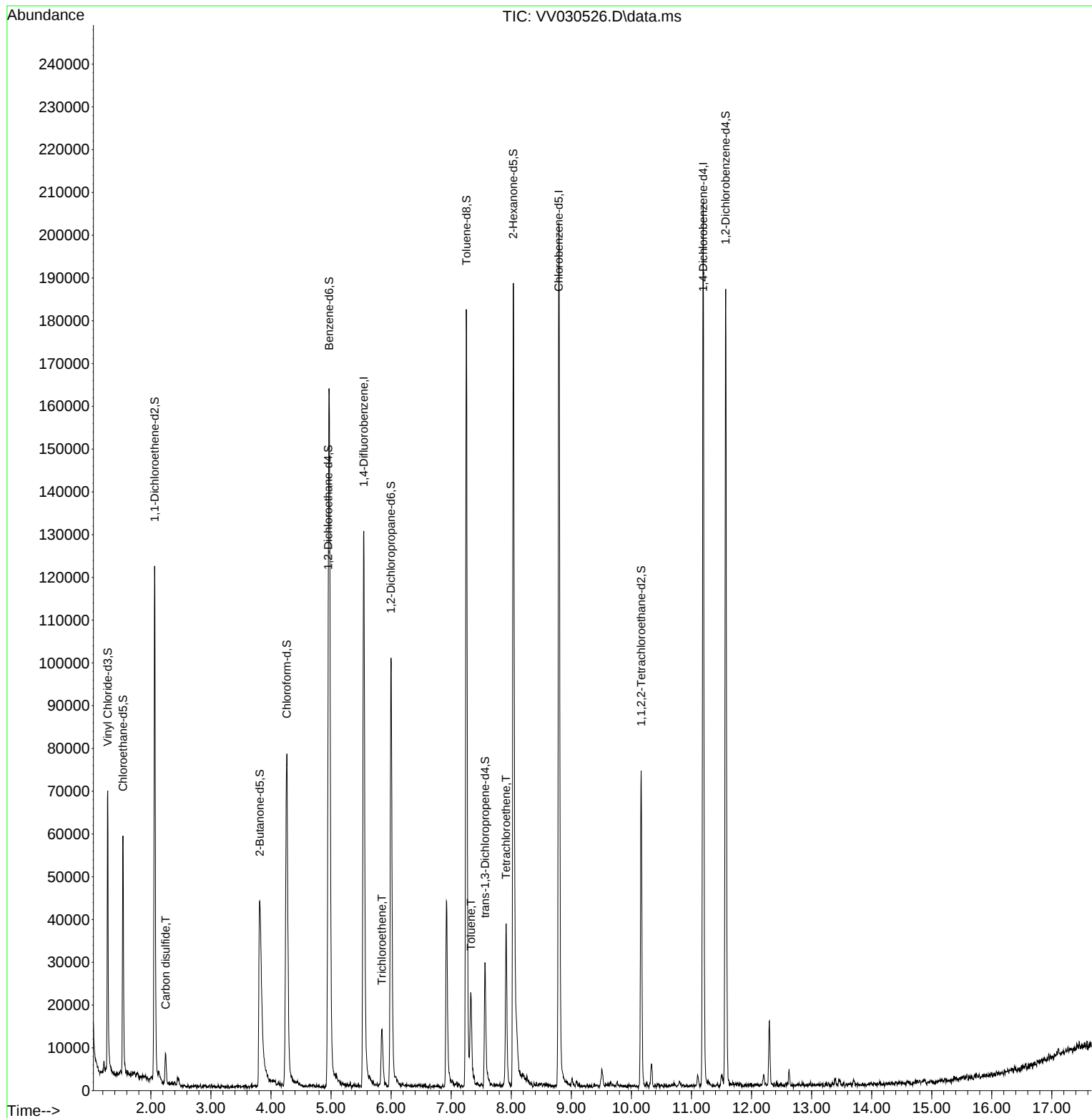
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	109258	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	111142	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	54134	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	44981	6.216	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	124.400%	
7) Chloroethane-d5	1.536	69	35846	5.105	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.000%	
11) 1,1-Dichloroethene-d2	2.063	63	63680	3.709	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.200%	
20) 2-Butanone-d5	3.812	46	87311	46.682	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	93.360%	
24) Chloroform-d	4.262	84	77884	4.447	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.000%	
26) 1,2-Dichloroethane-d4	4.953	65	41801	5.059	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.200%	
32) Benzene-d6	4.969	84	142881	4.562	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
36) 1,2-Dichloropropane-d6	5.998	67	44696	4.558	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.200%	
41) Toluene-d8	7.252	98	120216	4.180	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.600%	
43) trans-1,3-Dichloroprop...	7.564	79	17079	4.626	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.600%	
46) 2-Hexanone-d5	8.034	63	65088	43.876	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.760%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	32947	4.263	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.200%	
66) 1,2-Dichlorobenzene-d4	11.570	152	47104	4.868	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.400%	
Target Compounds						
14) Carbon disulfide	2.246	76	8072	0.268	ug/L	95
34) Trichloroethene	5.847	95	4621	0.434	ug/L	92
42) Toluene	7.329	91	15036	0.358	ug/L	98
47) Tetrachloroethene	7.915	164	8566	0.912	ug/L	90

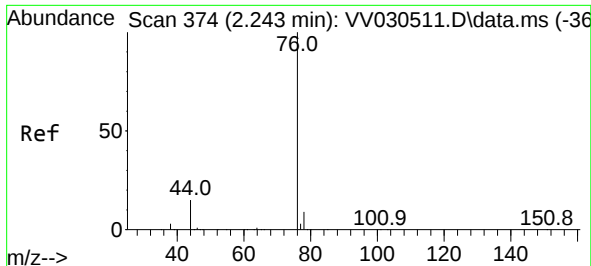
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 0.268 ug/L

RT: 2.246 min Scan# 31

Delta R.T. 0.003 min

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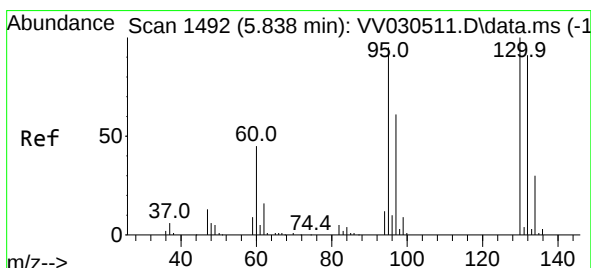
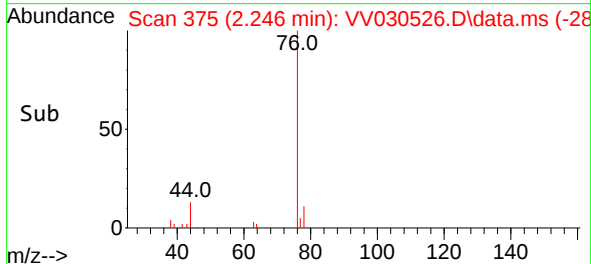
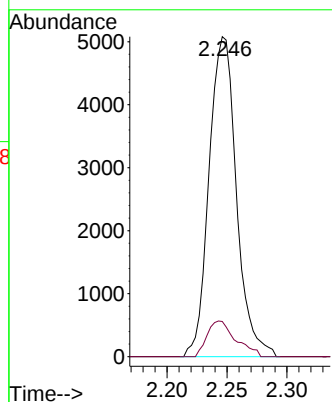
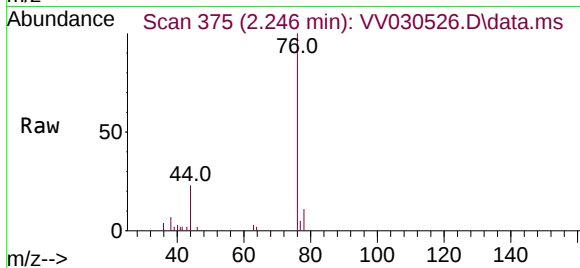
BHDZ4

Tgt Ion: 76 Resp: 8072

Ion Ratio Lower Upper

76 100

78 11.0 7.3 10.9#



#34

Trichloroethene

Concen: 0.434 ug/L

RT: 5.847 min Scan# 1495

Delta R.T. 0.010 min

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Acq: 12 Apr 2023 18:36

Tgt Ion: 95 Resp: 4621

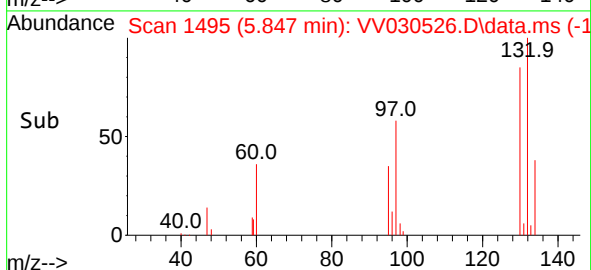
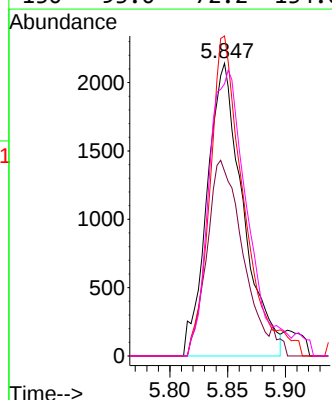
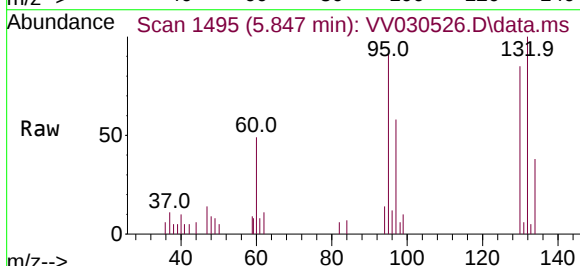
Ion Ratio Lower Upper

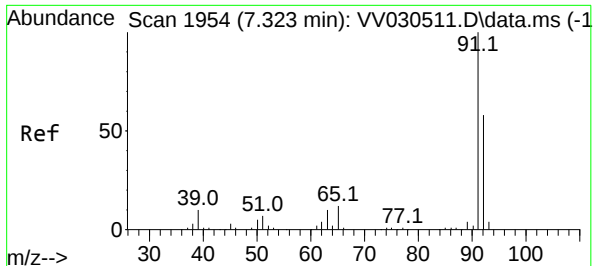
95 100

97 63.1 44.2 82.2

132 109.3 69.5 129.1

130 93.0 72.2 134.0





#42

Toluene

Concen: 0.358 ug/L

RT: 7.329 min Scan# 1954

Delta R.T. 0.006 min

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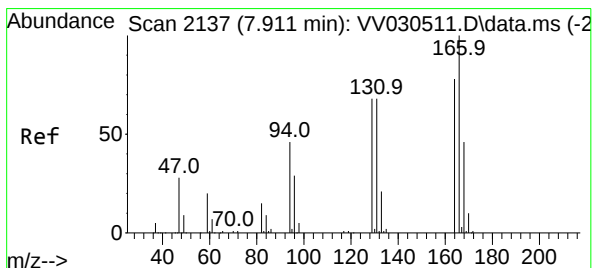
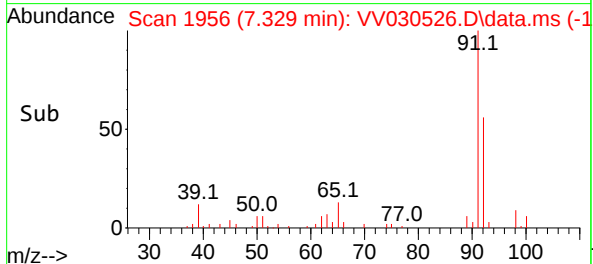
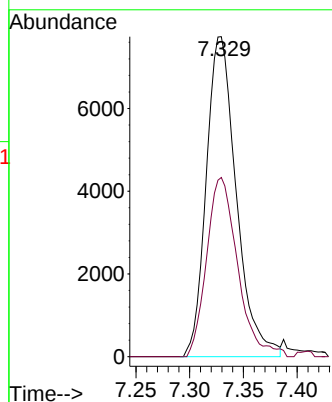
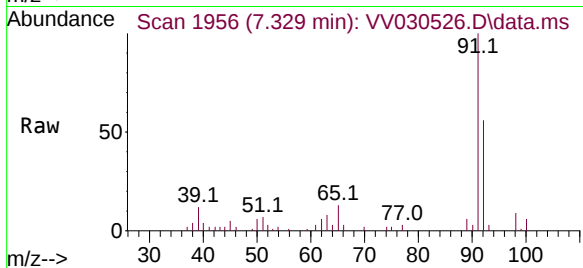
BHDZ4

Tgt Ion: 91 Resp: 15036

Ion Ratio Lower Upper

91 100

92 56.0 40.4 75.0



#47

Tetrachloroethene

Concen: 0.912 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VV030526.D

Acq: 12 Apr 2023 18:36

Tgt Ion: 164 Resp: 8566

Ion Ratio Lower Upper

164 100

129 102.4 60.8 112.8

131 93.3 61.7 114.7

166 132.6 85.6 159.0

