

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120723\
 Data File : VW033146.D
 Acq On : 07 Dec 2023 15:02
 Operator : SY/MD
 Sample : 05673-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHEH8

Quant Time: Dec 08 01:39:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 01:34:57 2023
 Response via : Initial Calibration

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

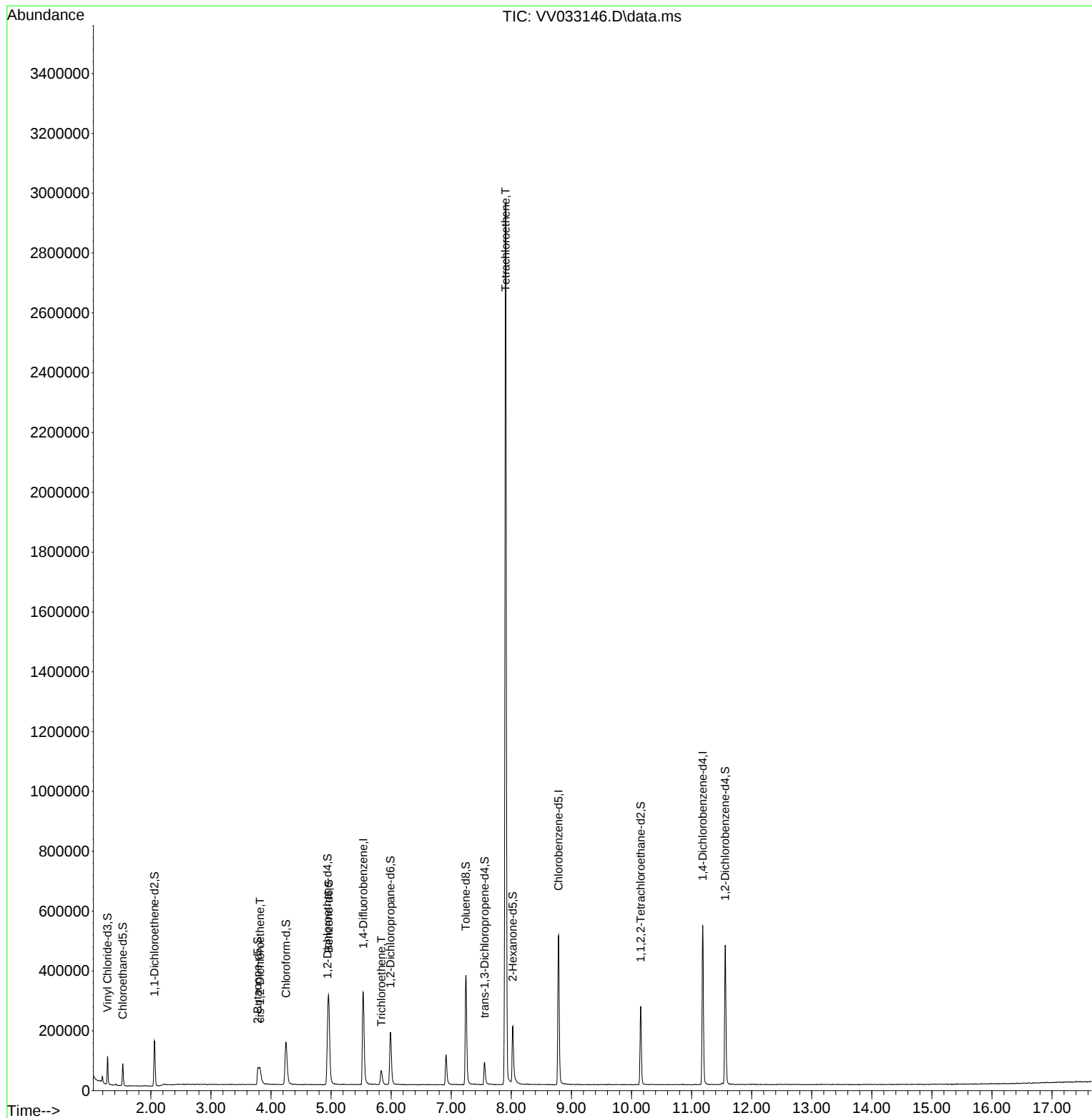
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	287299	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	290610	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	149139	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	58853	34.267	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.540%
7) Chloroethane-d5	1.532	69	47022	39.294	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.580%
11) 1,1-Dichloroethene-d2	2.060	65	23636	36.176	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.360%
21) 2-Butanone-d5	3.780	46	76224	89.356	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.360%
24) Chloroform-d	4.249	84	153434	42.097	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	4.940	65	99216	43.783	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.560%
32) Benzene-d6	4.960	84	275967	40.603	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	5.989	67	78518	42.965	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.940%
41) Toluene-d8	7.243	98	250181	38.586	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.180%#
43) trans-1,3-Dichloroprop...	7.555	79	45058	38.991	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.980%
47) 2-Hexanone-d5	8.024	63	66907	91.134	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.130%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	114227	43.970	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.940%
66) 1,2-Dichlorobenzene-d4	11.561	152	124582	46.950	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.900%
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	3.815	96	26032	12.973	ug/L	92
34) Trichloroethene	5.838	95	14475	6.579	ug/L	96
46) Tetrachloroethene	7.905	164	660714	349.346	ug/L	96

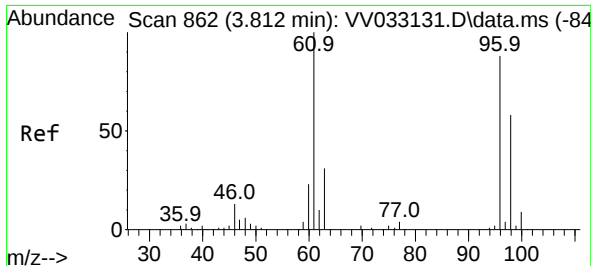
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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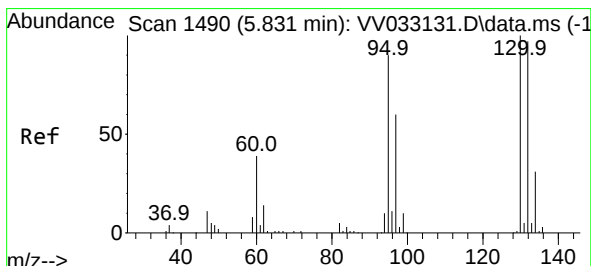
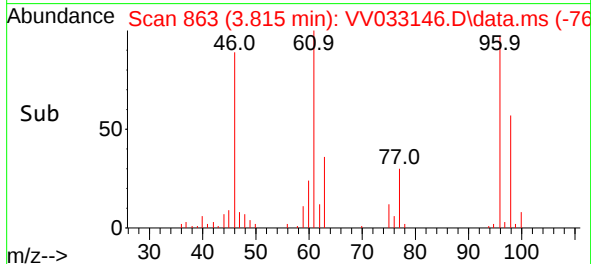
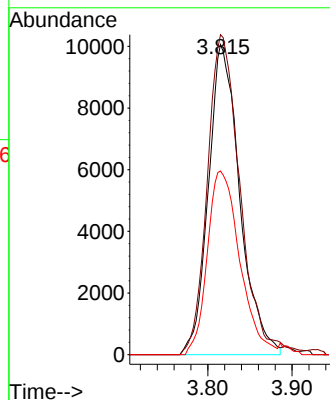
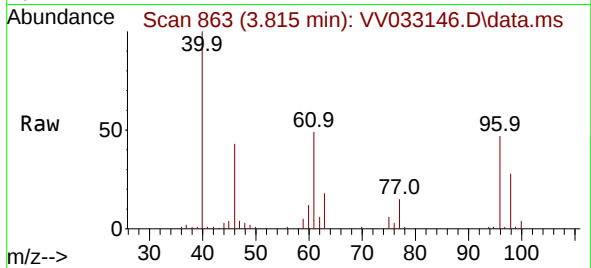




#20
 cis-1,2-Dichloroethene
 Concen: 12.973 ug/L
 RT: 3.815 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VV033146.D
 Acq: 07 Dec 2023 15:02

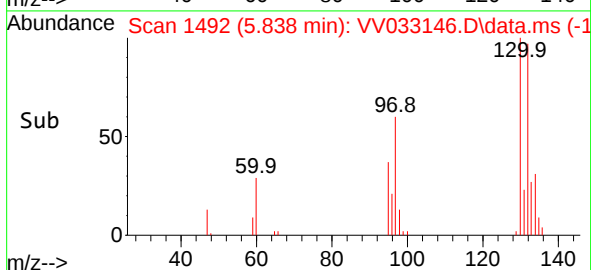
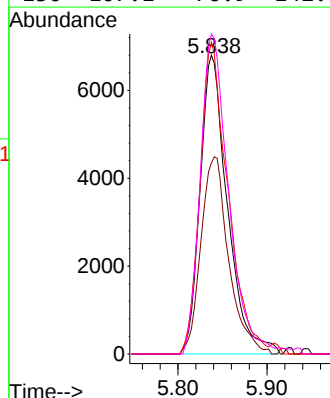
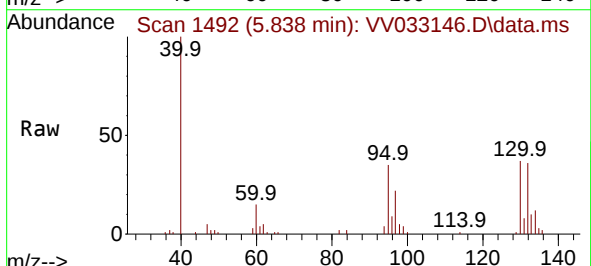
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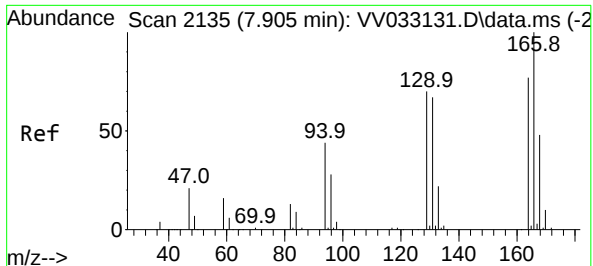
Tgt Ion: 96 Resp: 26032
 Ion Ratio Lower Upper
 96 100
 61 103.2 79.1 146.9
 98 59.3 45.1 83.7



#34
 Trichloroethene
 Concen: 6.579 ug/L
 RT: 5.838 min Scan# 1492
 Delta R.T. 0.006 min
 Lab File: VV033146.D
 Acq: 07 Dec 2023 15:02

Tgt Ion: 95 Resp: 14475
 Ion Ratio Lower Upper
 95 100
 97 63.9 45.8 85.0
 132 104.2 77.4 143.8
 130 107.1 76.9 142.7





#46
 Tetrachloroethene
 Concen: 349.346 ug/L
 RT: 7.905 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV033146.D
 Acq: 07 Dec 2023 15:02

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Tgt Ion:164 Resp: 660714

Ion	Ratio	Lower	Upper
164	100		
129	88.6	65.6	121.8
131	86.1	64.7	120.1
166	126.9	89.4	166.0

