

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020325\
 Data File : VW031680.D
 Acq On : 03 Feb 2025 10:30
 Operator : SY/MD
 Sample : Q1190-22
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK001

Quant Time: Feb 04 07:45:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM013125SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Feb 03 07:53:12 2025
 Response via : Initial Calibration

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

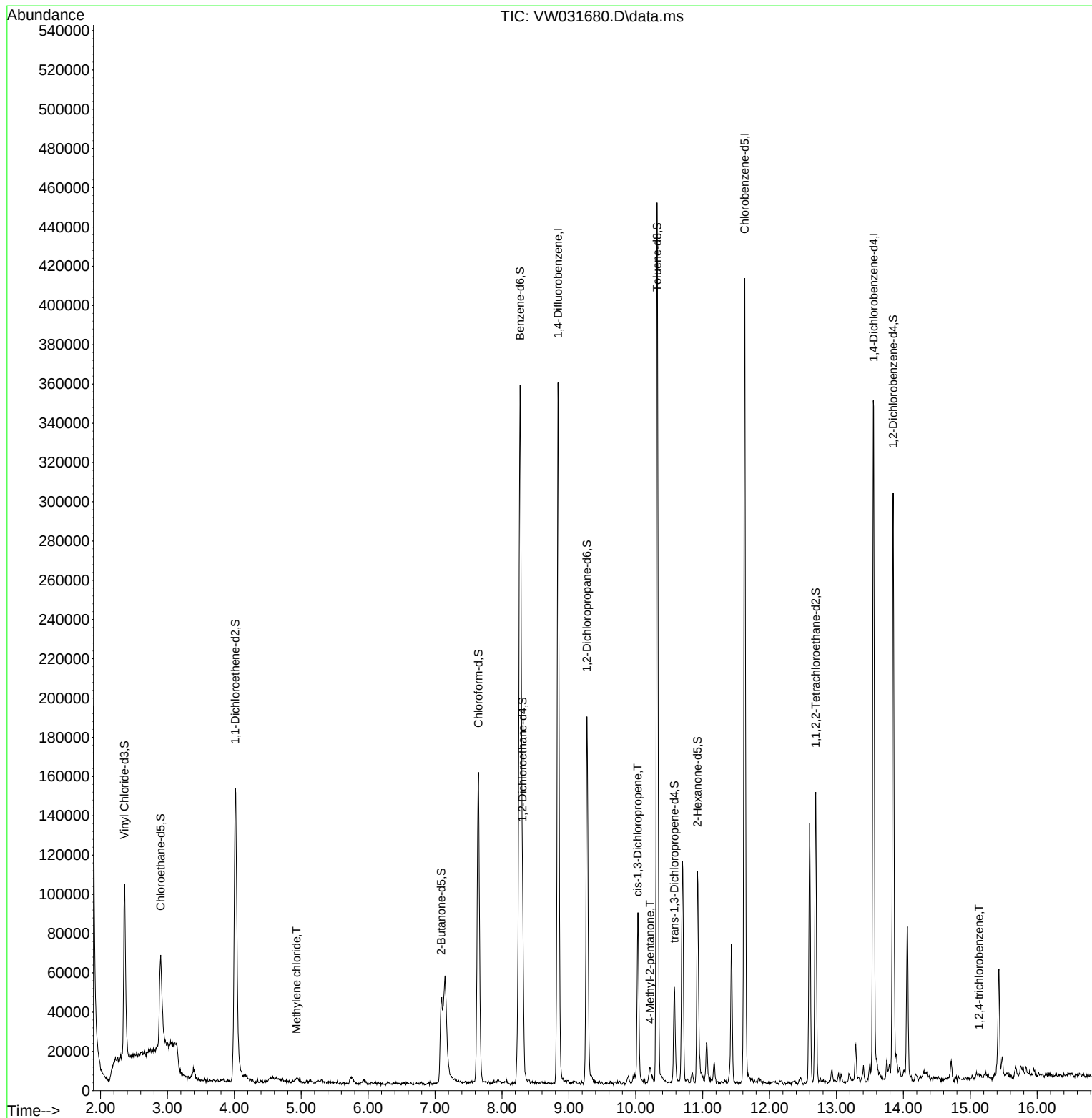
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	302545	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	231596	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	94901	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	115164	24.273	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.080%		
7) Chloroethane-d5	2.899	69	76011	23.673	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.680%		
11) 1,1-Dichloroethene-d2	4.015	65	50896	21.640	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	86.560%		
21) 2-Butanone-d5	7.094	46	87569	58.563	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	117.120%		
24) Chloroform-d	7.648	84	157644	23.974	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	95.880%		
26) 1,2-Dichloroethane-d4	8.307	65	71818	28.305	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	113.200%		
32) Benzene-d6	8.270	84	355969	22.343	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	89.360%		
36) 1,2-Dichloropropane-d6	9.270	67	93938	24.183	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	96.720%		
41) Toluene-d8	10.319	98	300981	21.036	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	84.160%		
43) trans-1,3-Dichloroprop...	10.575	79	28004	24.429	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	97.720%		
47) 2-Hexanone-d5	10.922	63	40490	55.774	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	111.540%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	77843	28.286	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	113.160%		
66) 1,2-Dichlorobenzene-d4	13.849	152	77099	24.873	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	99.480%		
Target Compounds						Qvalue
16) Methylene chloride	4.929	84	560	0.176	ug/L #	77
39) cis-1,3-Dichloropropene	10.026	75	1925	0.415	ug/L	83
40) 4-Methyl-2-pentanone	10.215	43	6522	2.638	ug/L #	83
70) 1,2,4-trichlorobenzene	15.129	180	927	0.273	ug/L #	72

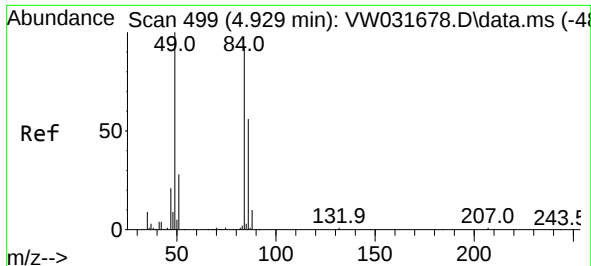
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM013125SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Feb 03 07:53:12 2025
Response via : Initial Calibration

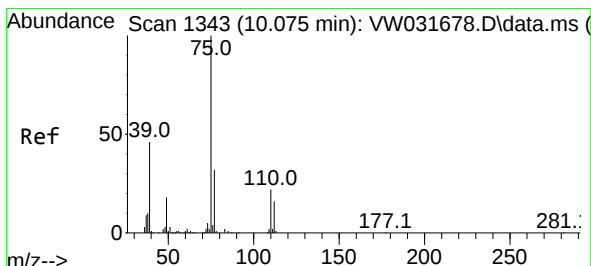
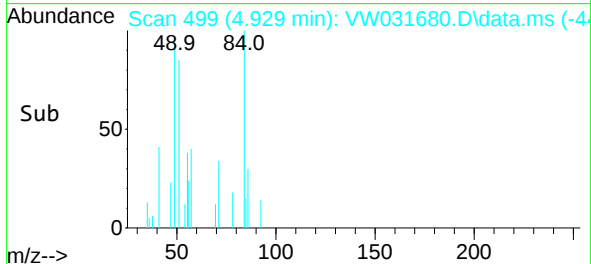
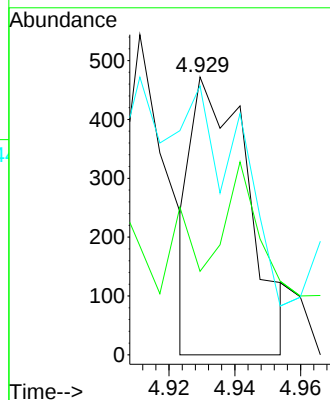
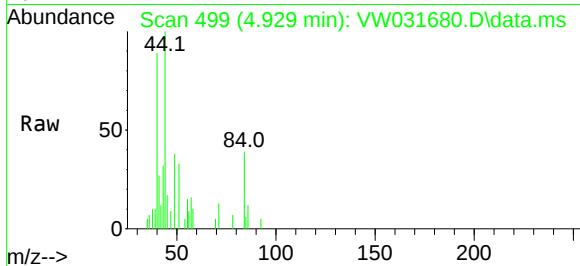




#16
Methylene chloride
Concen: 0.176 ug/L
RT: 4.929 min Scan# 499
Delta R.T. 0.006 min
Lab File: VW031680.D
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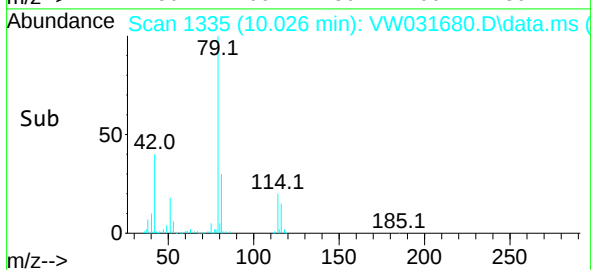
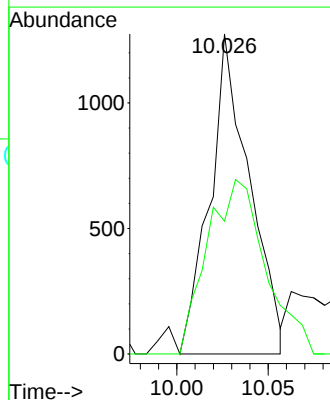
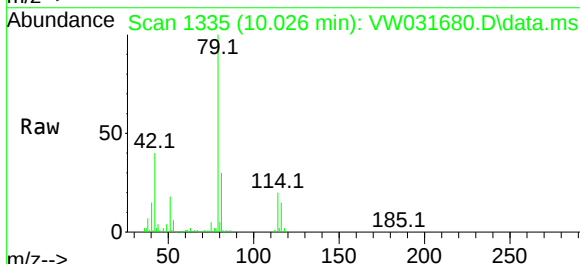
Instrument :
MSVOA_W
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VHBLK001

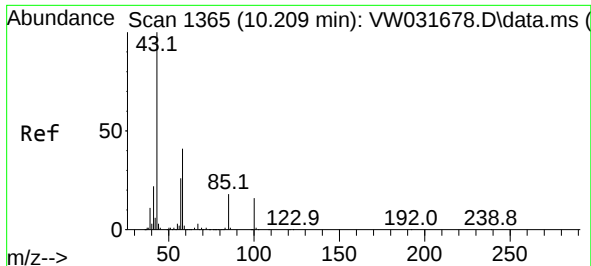
Tgt Ion: 84 Resp: 560
Ion Ratio Lower Upper
84 100
86 30.1 40.9 76.0#
49 96.8 78.9 146.5



#39
cis-1,3-Dichloropropene
Concen: 0.415 ug/L
RT: 10.026 min Scan# 1335
Delta R.T. -0.042 min
Lab File: VW031680.D
Acq: 03 Feb 2025 10:30

Tgt Ion: 75 Resp: 1925
Ion Ratio Lower Upper
75 100
77 41.5 22.5 41.9





#40

4-Methyl-2-pentanone

Concen: 2.638 ug/L

RT: 10.215 min Scan# 11

Delta R.T. 0.012 min

Lab File: VW031680.D

Acq: 03 Feb 2025 10:30

Instrument :

MSVOA_W

ClientSampleId :

VHBLK001

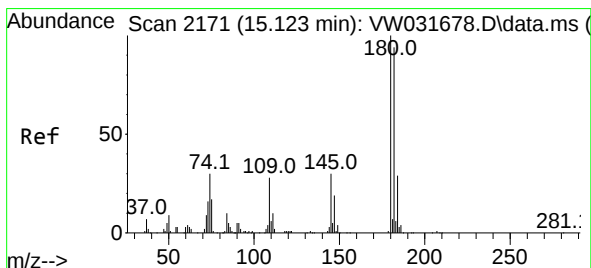
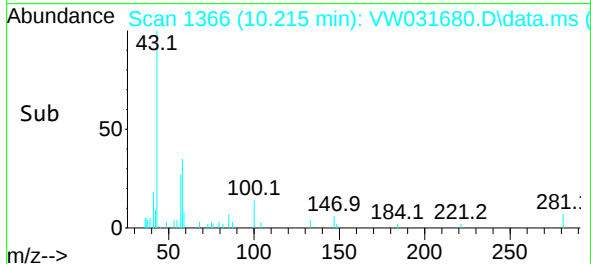
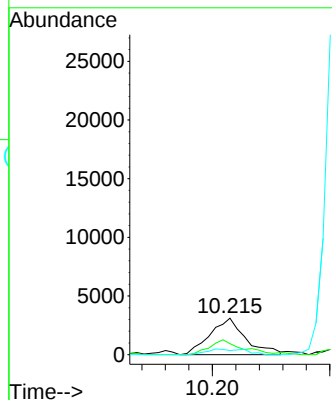
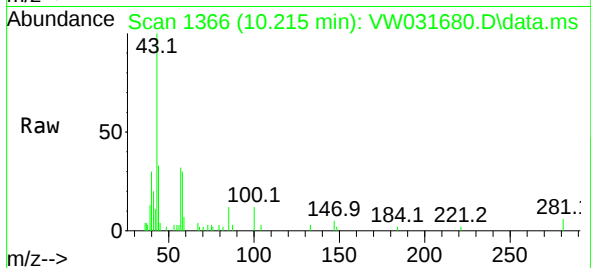
Tgt Ion: 43 Resp: 6522

Ion Ratio Lower Upper

43 100

58 29.9 33.5 50.3#

100 10.4 12.9 19.3#



#70

1,2,4-trichlorobenzene

Concen: 0.273 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW031680.D

Acq: 03 Feb 2025 10:30

Tgt Ion: 180 Resp: 927

Ion Ratio Lower Upper

180 100

182 57.2 73.0 109.4#

145 29.8 26.7 40.1

