

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082123\
 Data File : VW026791.D
 Acq On : 21 Aug 2023 15:04
 Operator : SY/MD
 Sample : 04037-16
 Misc : 5.72g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 22 01:33:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 22 01:31:05 2023
 Response via : Initial Calibration

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

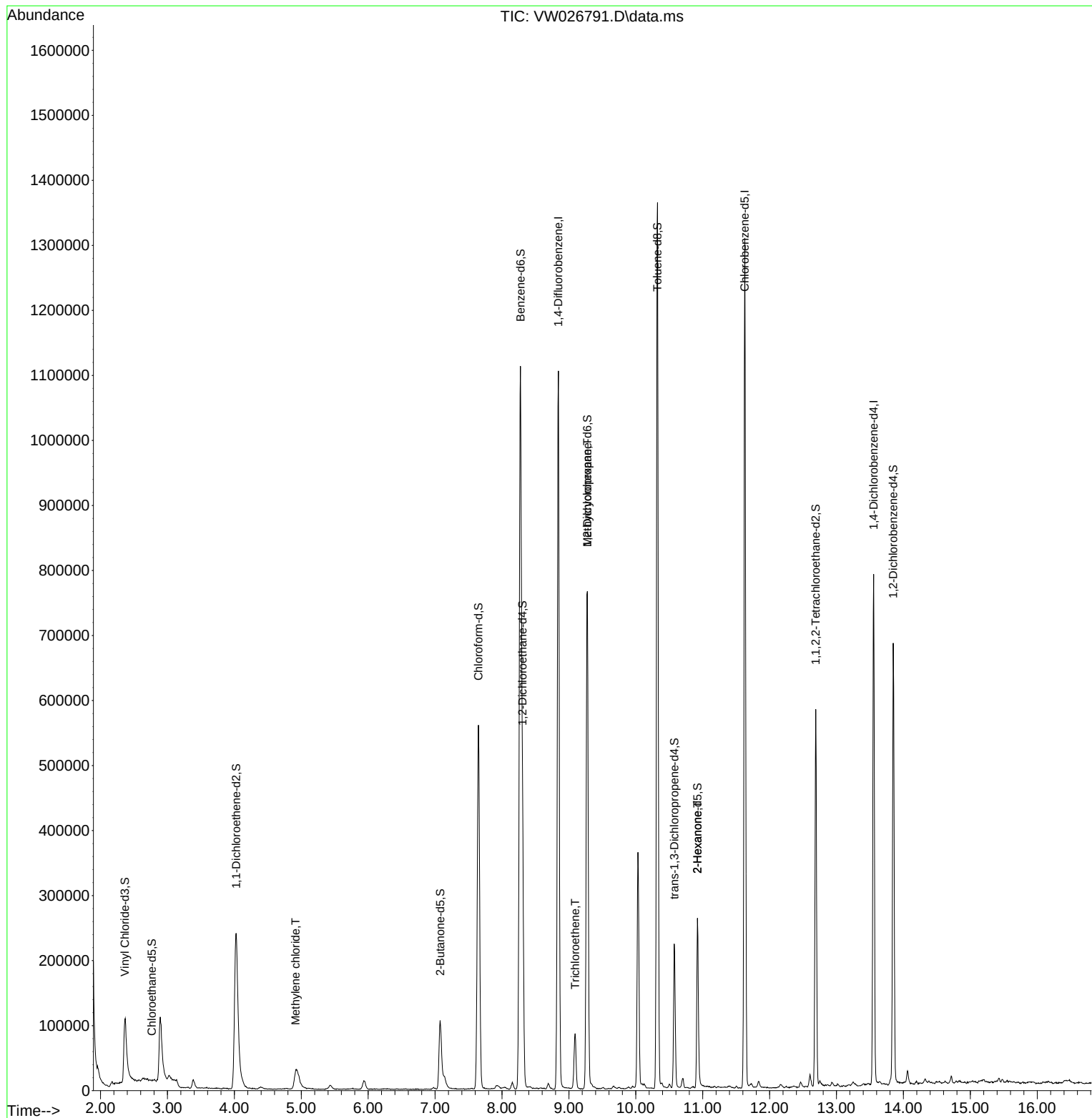
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	881888	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	686942	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	199461	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	192718	13.293	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.160%
7) Chloroethane-d5	2.765	69	195	0.018	ug/L	-0.13
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.080%#
11) 1,1-Dichloroethene-d2	4.027	65	109040	15.293	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.160%
21) 2-Butanone-d5	7.075	46	182142	43.713	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.420%
24) Chloroform-d	7.648	84	567510	19.174	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.680%
26) 1,2-Dichloroethane-d4	8.307	65	320991	19.652	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.600%
32) Benzene-d6	8.276	84	1126754	23.800	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	9.276	67	378698	25.679	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.720%
41) Toluene-d8	10.325	98	883427	21.738	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.960%
43) trans-1,3-Dichloroprop...	10.575	79	122244	20.077	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.320%
47) 2-Hexanone-d5	10.922	63	88360	57.022	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.040%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	296861	25.490	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	170275	23.851	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.400%
Target Compounds						Qvalue
16) Methylene chloride	4.917	84	27642	1.620	ug/L	95
34) Trichloroethene	9.093	95	30709	2.410	ug/L	95
35) Methylcyclohexane	9.276	83	86434	3.966	ug/L #	16
48) 2-Hexanone	10.922	43	10911	1.799	ug/L #	68

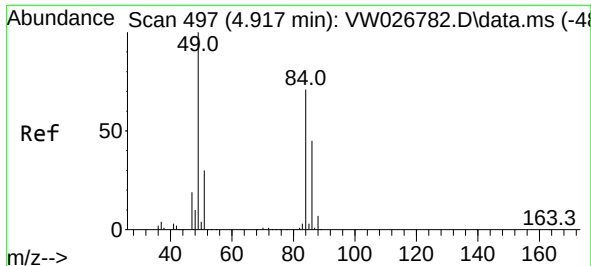
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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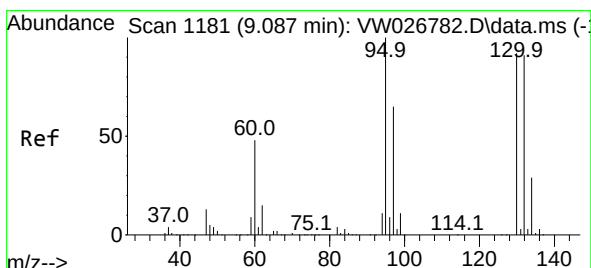
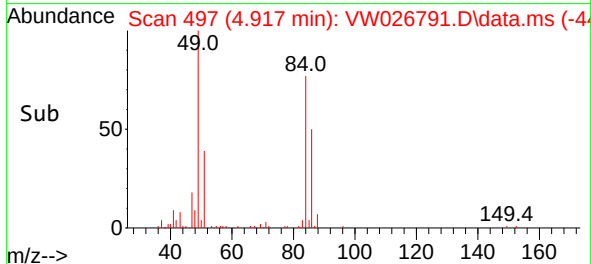
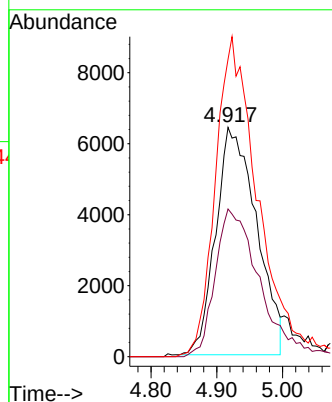
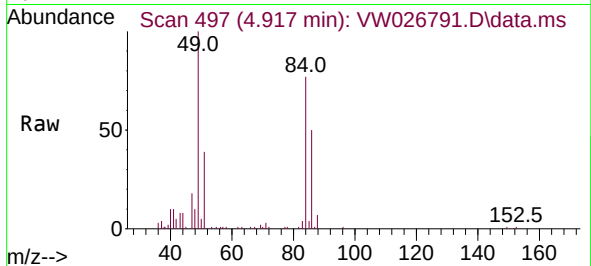




#16
Methylene chloride
Concen: 1.620 ug/L
RT: 4.917 min Scan# 49
Delta R.T. -0.000 min
Lab File: VW026791.D
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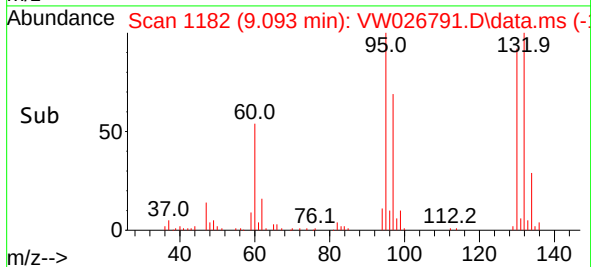
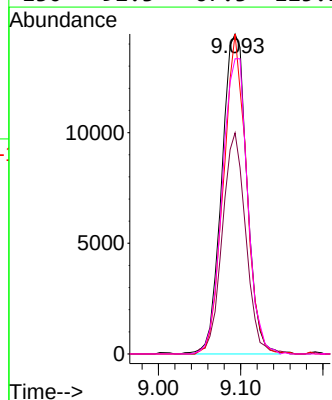
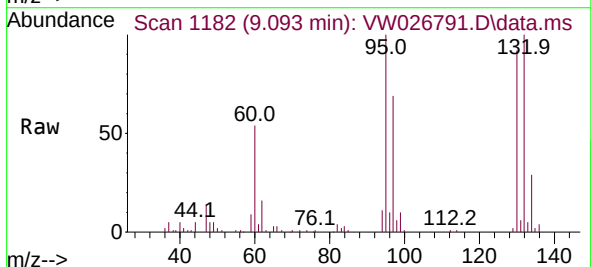
Instrument :
MSVOA_W
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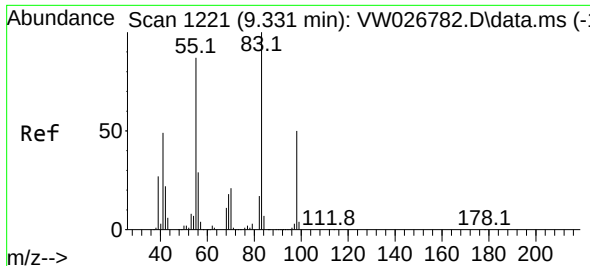
Tgt Ion: 84 Resp: 27642
Ion Ratio Lower Upper
84 100
86 64.4 43.5 80.9
49 129.7 96.0 178.2



#34
Trichloroethene
Concen: 2.410 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VW026791.D
Acq: 21 Aug 2023 15:04

Tgt Ion: 95 Resp: 30709
Ion Ratio Lower Upper
95 100
97 69.1 44.6 82.8
132 99.9 66.4 123.2
130 92.3 67.3 125.1

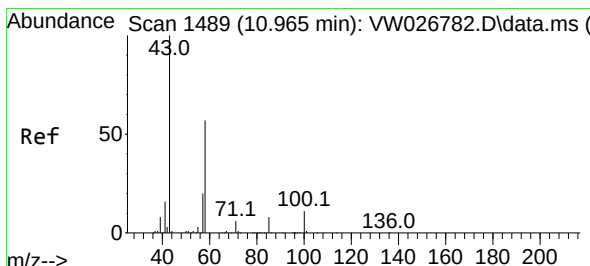
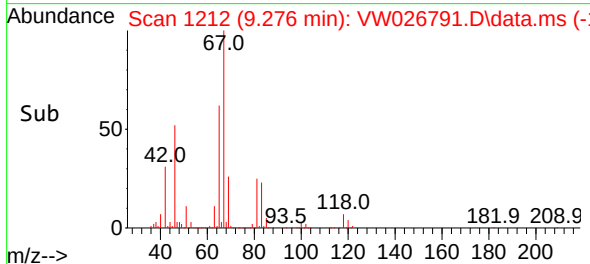
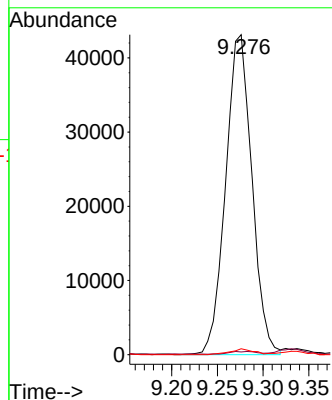
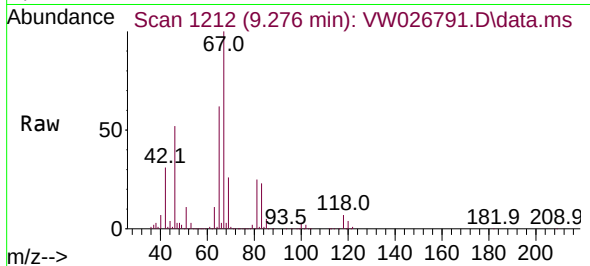




#35
Methylcyclohexane
Concen: 3.966 ug/L
RT: 9.276 min Scan# 11
Delta R.T. -0.055 min
Lab File: VW026791.D
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Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 83 Resp: 86434
Ion Ratio Lower Upper
83 100
55 0.5 69.3 103.9#
98 1.6 37.4 56.0#



#48
2-Hexanone
Concen: 1.799 ug/L
RT: 10.922 min Scan# 1482
Delta R.T. -0.043 min
Lab File: VW026791.D
Acq: 21 Aug 2023 15:04

Tgt Ion: 43 Resp: 10911
Ion Ratio Lower Upper
43 100
58 28.9 41.1 61.7#
57 33.8 14.3 21.5#
100 2.4 8.8 13.2#

