

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061324\
 Data File : VD079182.D
 Acq On : 13 Jun 2024 16:48
 Operator : RP/MD
 Sample : P2775-20
 Misc : 5.94G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 14 04:49:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 14 04:47:47 2024
 Response via : Initial Calibration

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

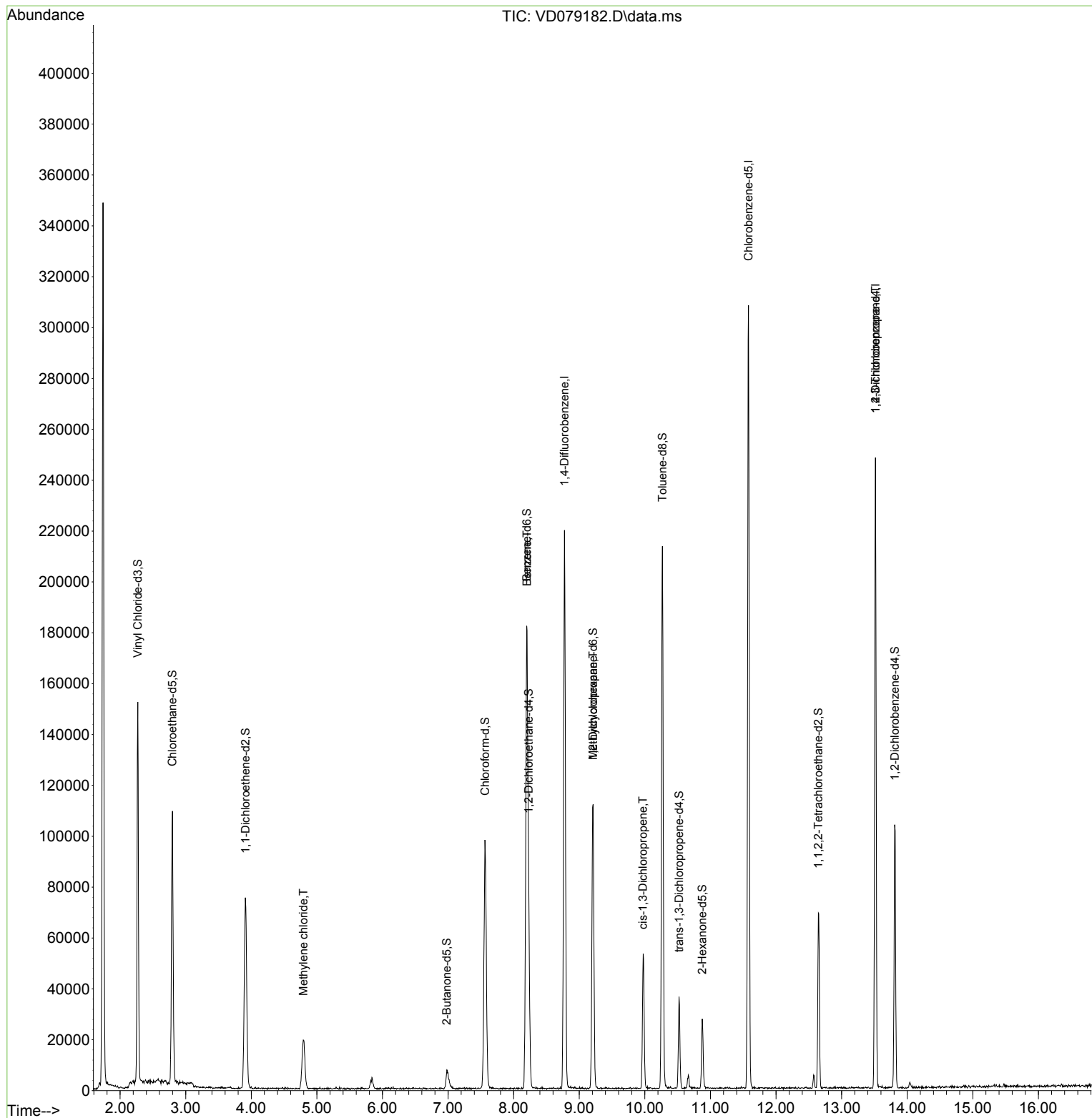
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	201251	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	188733	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	70691	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	138733	22.401	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.600%		
7) Chloroethane-d5	2.799	69	109469	18.281	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	73.120%		
11) 1,1-Dichloroethene-d2	3.910	65	21757	19.790	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	79.160%		
21) 2-Butanone-d5	6.981	46	11751	24.807	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	49.620%		
24) Chloroform-d	7.563	84	102078	18.140	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	72.560%		
26) 1,2-Dichloroethane-d4	8.228	65	47334	18.235	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	72.920%		
32) Benzene-d6	8.198	84	204736	19.568	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	78.280%		
36) 1,2-Dichloropropane-d6	9.210	67	57713	19.149	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	76.600%		
41) Toluene-d8	10.269	98	160830	16.417	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	65.680%		
43) trans-1,3-Dichloroprop...	10.522	79	20961	16.547	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	66.200%		
47) 2-Hexanone-d5	10.875	63	9567	24.555	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	49.100%		
56) 1,1,2,2-Tetrachloroeth...	12.645	84	37014	13.866	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	55.480%		
66) 1,2-Dichlorobenzene-d4	13.810	152	29412	12.056	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	48.240%#		
Target Compounds						Qvalue
16) Methylene chloride	4.793	84	17002	4.741	ug/L	95
33) Benzene	8.204	78	1868	0.166	ug/L	100
35) Methylcyclohexane	9.210	83	14209	2.962	ug/L #	24
39) cis-1,3-Dichloropropene	9.969	75	1291	0.300	ug/L	83
61) 1,2,3-Trichloropropane	13.516	75	7967	6.384	ug/L #	62

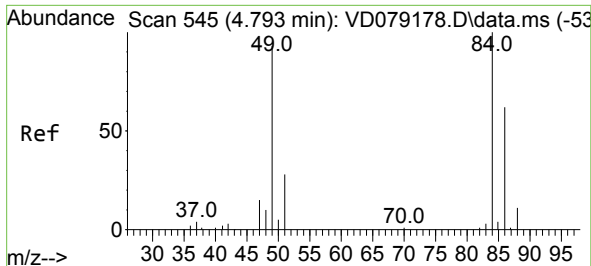
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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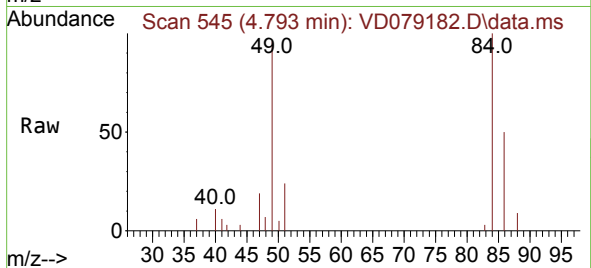
Quant Time: Jun 14 04:49:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 14 04:47:47 2024
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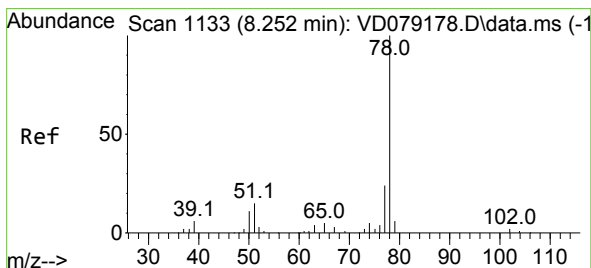
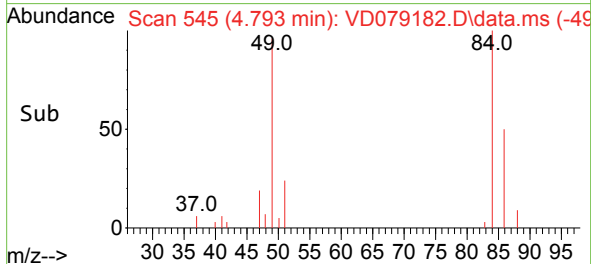
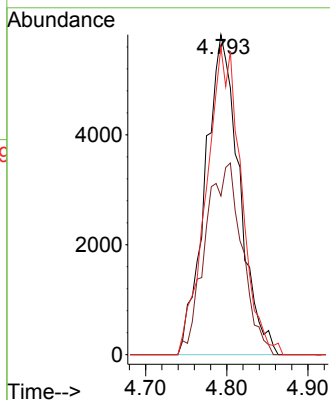
#16
Methylene chloride
Concen: 4.741 ug/L
RT: 4.793 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD079182.D
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Instrument :
MSVOA_D
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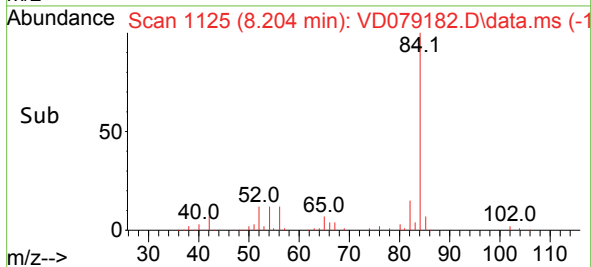
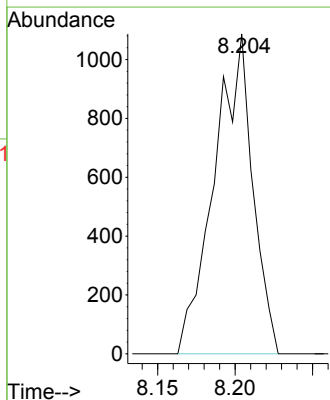
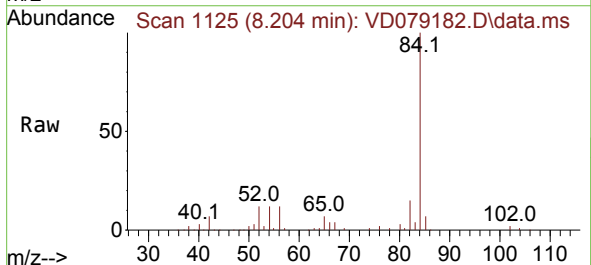
Tgt Ion: 84 Resp: 17002

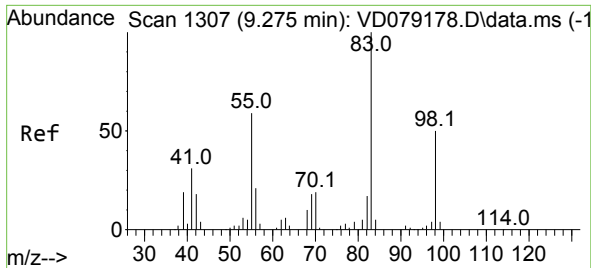
Ion	Ratio	Lower	Upper
84	100		
86	49.6	40.9	76.0
49	96.1	67.5	125.3



#33
Benzene
Concen: 0.166 ug/L
RT: 8.204 min Scan# 1125
Delta R.T. -0.047 min
Lab File: VD079182.D
Acq: 13 Jun 2024 16:48

Tgt Ion: 78 Resp: 1868

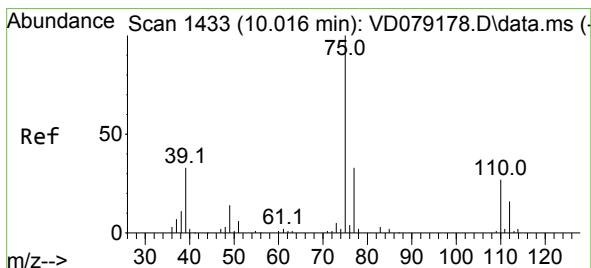
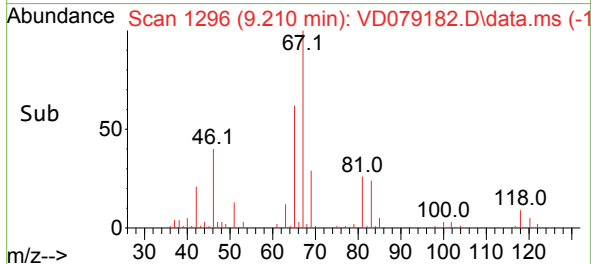
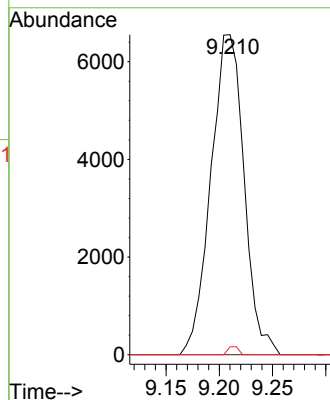
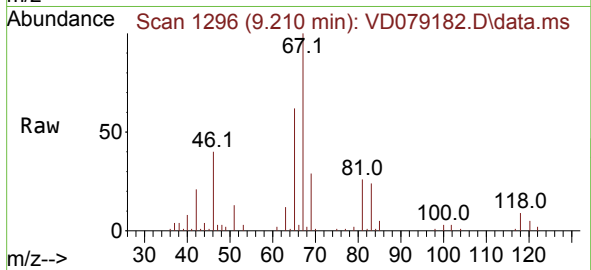




#35
Methylcyclohexane
Concen: 2.962 ug/L
RT: 9.210 min Scan# 14209
Delta R.T. -0.065 min
Lab File: VD079182.D
Acq: 13 Jun 2024 16:48

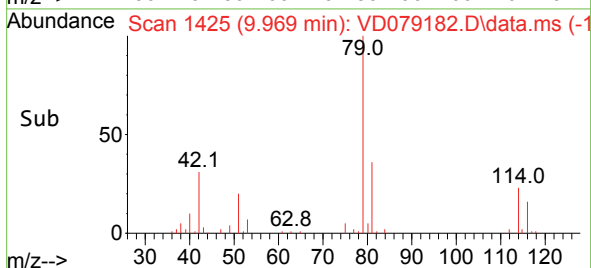
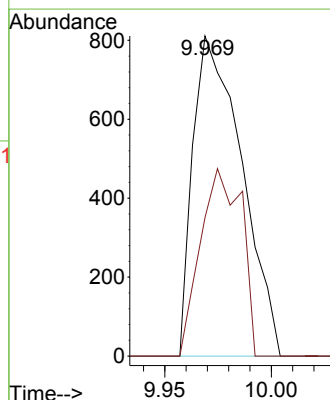
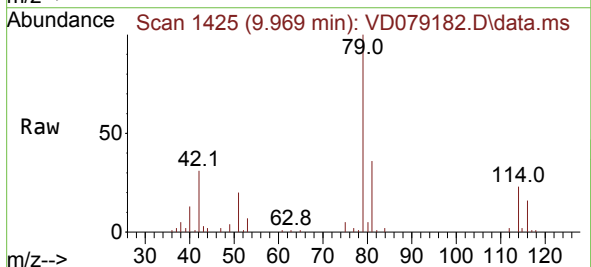
Instrument :
MSVOA_D
ClientSampleId :

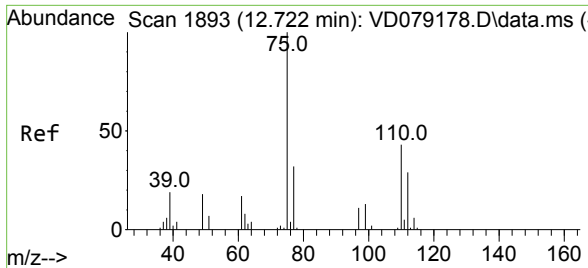
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	48.6	72.8#
98	0.8	40.2	60.2#



#39
cis-1,3-Dichloropropene
Concen: 0.300 ug/L
RT: 9.969 min Scan# 1425
Delta R.T. -0.047 min
Lab File: VD079182.D
Acq: 13 Jun 2024 16:48

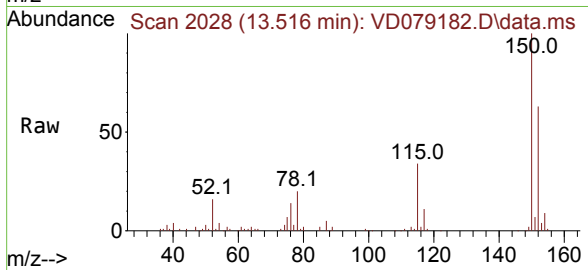
Tgt Ion	Ratio	Lower	Upper
75	100		
77	43.3	23.4	43.4





#61
 1,2,3-Trichloropropane
 Concen: 6.384 ug/L
 RT: 13.516 min Scan# 20
 Delta R.T. 0.794 min
 Lab File: VD079182.D
 Acq: 13 Jun 2024 16:48

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75	Resp:	7967
Ion Ratio	Lower	Upper
75	100	
77	34.1	25.9 38.9
110	1.8	34.2 51.4#

