

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061523\
 Data File : VD076439.D
 Acq On : 15 Jun 2023 15:27
 Operator : KP/SY
 Sample : VD0615SBL01
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VBLK131

Quant Time: Jun 16 01:51:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

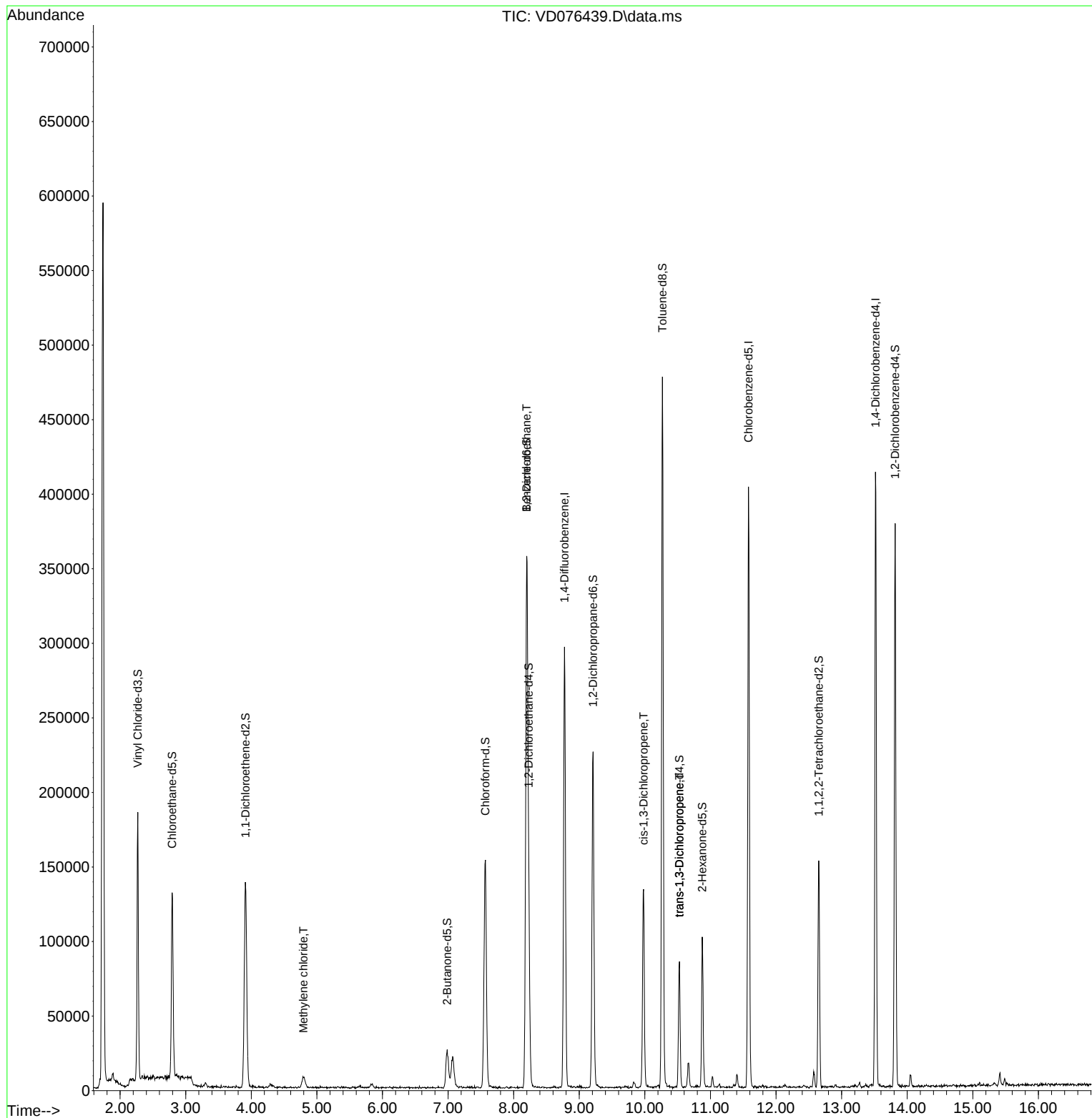
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	257979	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	225838	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	107479	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	157807	25.118	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.480%			
7) Chloroethane-d5	2.793	69	124342	24.477	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.920%			
11) 1,1-Dichloroethene-d2	3.911	65	40567	24.737	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 98.960%			
21) 2-Butanone-d5	6.987	46	47269	49.680	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.360%			
24) Chloroform-d	7.569	84	158481	23.317	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.280%			
26) 1,2-Dichloroethane-d4	8.228	65	80660	24.056	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.240%			
32) Benzene-d6	8.199	84	348789	25.247	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.000%			
36) 1,2-Dichloropropane-d6	9.210	67	110578	25.076	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.320%			
41) Toluene-d8	10.269	98	321352	25.122	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.480%			
43) trans-1,3-Dichloroprop...	10.528	79	46769	25.499	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 102.000%			
47) 2-Hexanone-d5	10.875	63	34945	51.051	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.100%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	77558	24.722	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.880%			
66) 1,2-Dichlorobenzene-d4	13.816	152	95420	24.221	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.880%			
Target Compounds						Qvalue
16) Methylene chloride	4.793	84	5487	1.224	ug/L #	76
27) 1,2-Dichloroethane	8.199	62	1726	0.421	ug/L #	71
39) cis-1,3-Dichloropropene	9.981	75	3929	0.631	ug/L	87
44) trans-1,3-Dichloropropene	10.528	75	2531	0.500	ug/L #	62

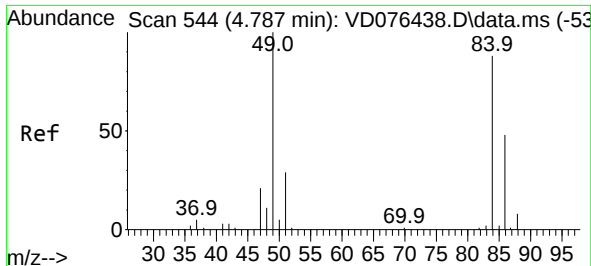
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061523\
Data File : VD076439.D
Acq On : 15 Jun 2023 15:27
Operator : KP/SY
Sample : VD0615SBL01
Misc : 5.00G/10.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VBLK131

Quant Time: Jun 16 01:51:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration

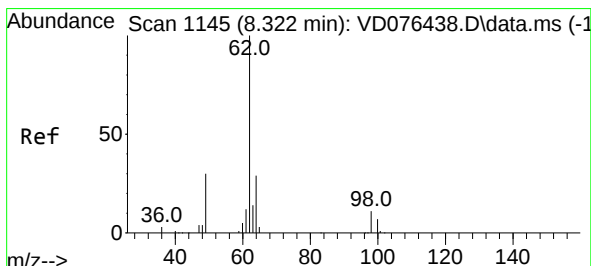
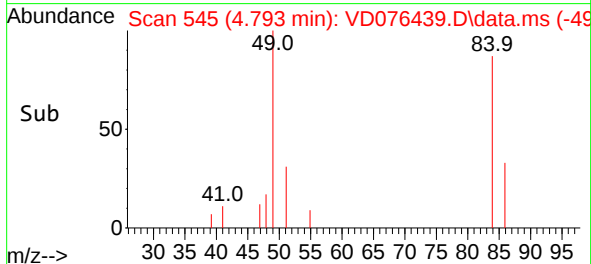
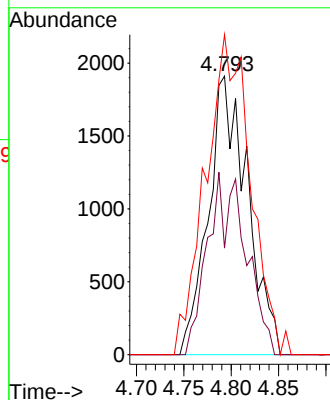
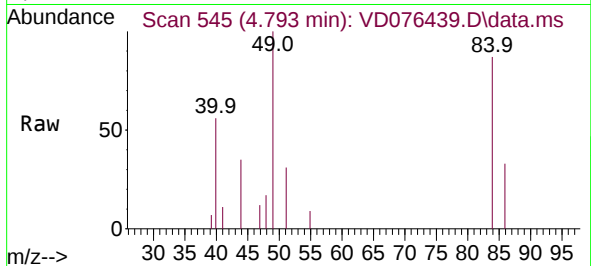




#16
Methylene chloride
Concen: 1.224 ug/L
RT: 4.793 min Scan# 544
Delta R.T. 0.006 min
Lab File: VD076439.D
Acq: 15 Jun 2023 15:27

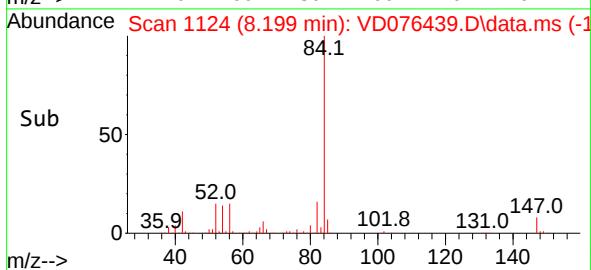
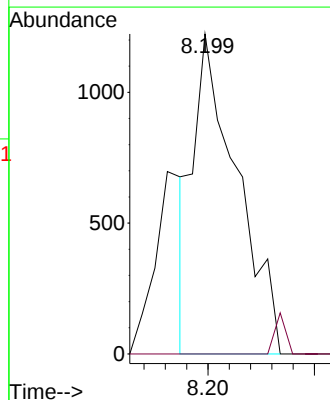
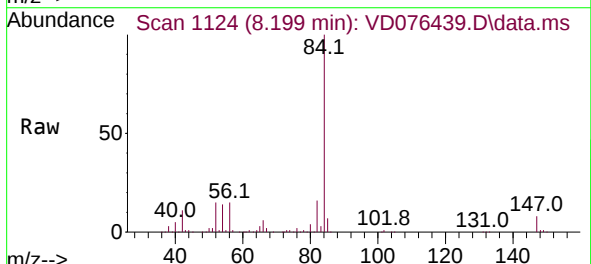
Instrument :
MSVOA_D
ClientSampleId :
VBLK131

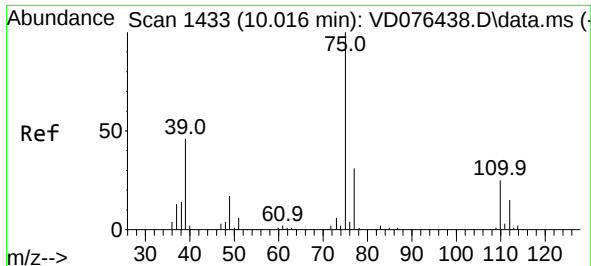
Tgt Ion: 84 Resp: 5487
Ion Ratio Lower Upper
84 100
86 38.3 45.1 83.9#
49 114.9 97.2 180.6



#27
1,2-Dichloroethane
Concen: 0.421 ug/L
RT: 8.199 min Scan# 1124
Delta R.T. -0.124 min
Lab File: VD076439.D
Acq: 15 Jun 2023 15:27

Tgt Ion: 62 Resp: 1726
Ion Ratio Lower Upper
62 100
98 0.0 8.7 13.1#





#39

cis-1,3-Dichloropropene

Concen: 0.631 ug/L

RT: 9.981 min Scan# 1433

Delta R.T. -0.035 min

Lab File: VD076439.D

Acq: 15 Jun 2023 15:27

Instrument :

MSVOA_D

ClientSampleId :

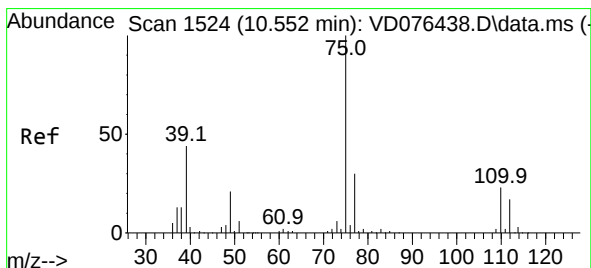
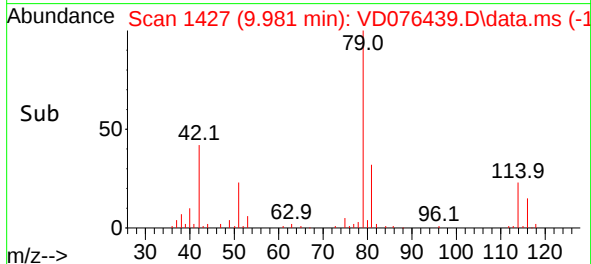
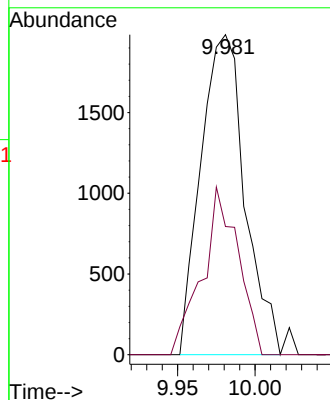
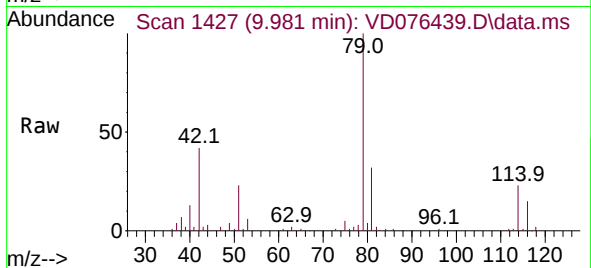
VBLK131

Tgt Ion: 75 Resp: 3929

Ion Ratio Lower Upper

75 100

77 40.1 22.7 42.3



#44

trans-1,3-Dichloropropene

Concen: 0.500 ug/L

RT: 10.528 min Scan# 1520

Delta R.T. -0.024 min

Lab File: VD076439.D

Acq: 15 Jun 2023 15:27

Tgt Ion: 75 Resp: 2531

Ion Ratio Lower Upper

75 100

77 53.1 22.5 41.7#

