

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050323\
 Data File : VD075978.D
 Acq On : 03 May 2023 11:44
 Operator : KP/SY
 Sample : 02564-23
 Misc : 5.01G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VHBLK001

Quant Time: May 04 03:07:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 04 02:54:49 2023
 Response via : Initial Calibration

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

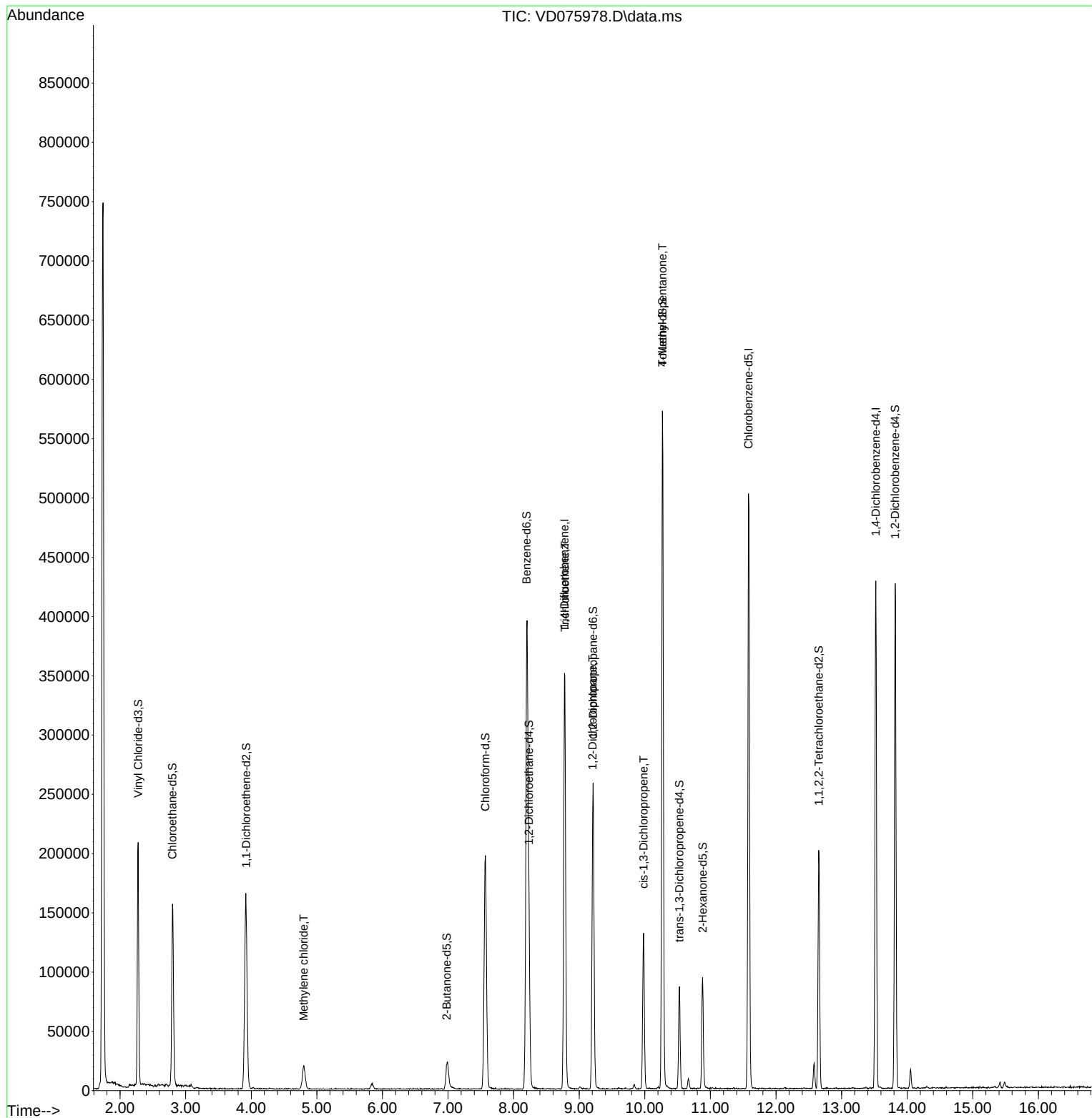
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	343948	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	319658	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	131094	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	194910	25.832	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.320%
7) Chloroethane-d5	2.799	69	167917	25.757	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.040%
11) 1,1-Dichloroethene-d2	3.922	65	44447	25.551	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.200%
21) 2-Butanone-d5	6.981	46	20958	31.996	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.000%
24) Chloroform-d	7.569	84	217004	25.230	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.920%
26) 1,2-Dichloroethane-d4	8.234	65	99461	27.079	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.320%
32) Benzene-d6	8.199	84	452661	24.296	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	9.210	67	135965	26.366	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.480%
41) Toluene-d8	10.269	98	415288	23.809	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.240%
43) trans-1,3-Dichloroprop...	10.528	79	49682	23.308	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.240%
47) 2-Hexanone-d5	10.881	63	34752	55.968	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.940%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	110266	27.943	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.760%
66) 1,2-Dichlorobenzene-d4	13.816	152	127497	27.496	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.799	84	17957	2.574	ug/L	89
34) Trichloroethene	8.781	95	9227	1.845	ug/L	# 2
37) 1,2-Dichloropropane	9.204	63	13871	3.123	ug/L	# 85
39) cis-1,3-Dichloropropene	9.981	75	3124	0.442	ug/L	# 56
40) 4-Methyl-2-pentanone	10.269	43	1237	0.764	ug/L	# 1

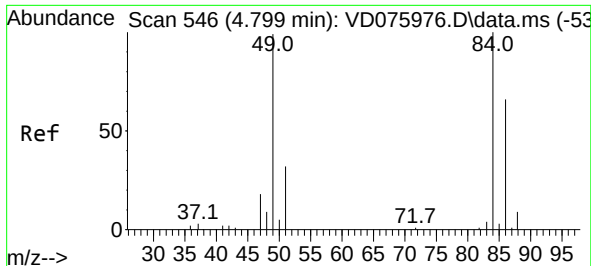
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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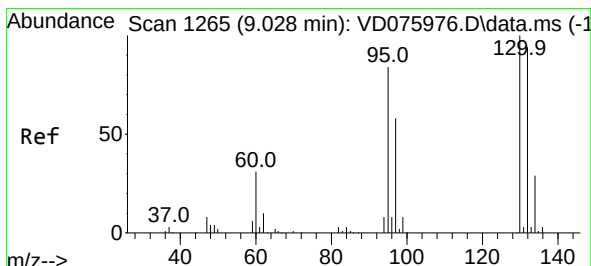
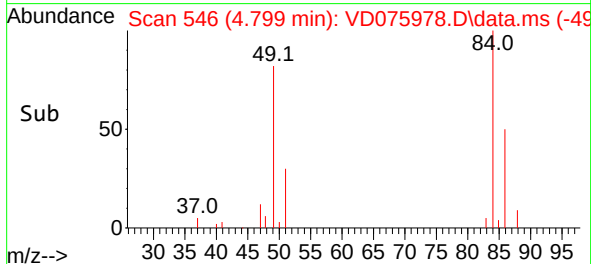
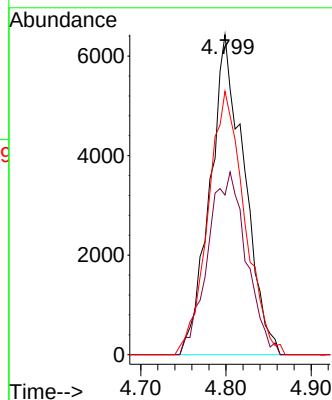
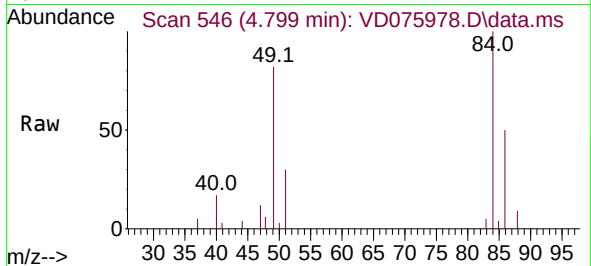




#16
Methylene chloride
Concen: 2.574 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD075978.D
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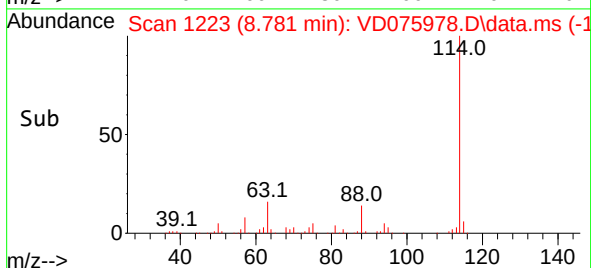
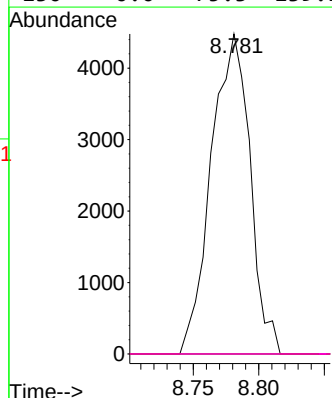
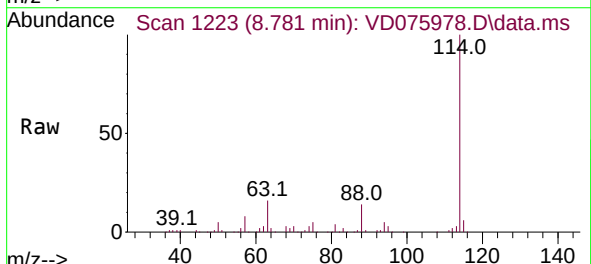
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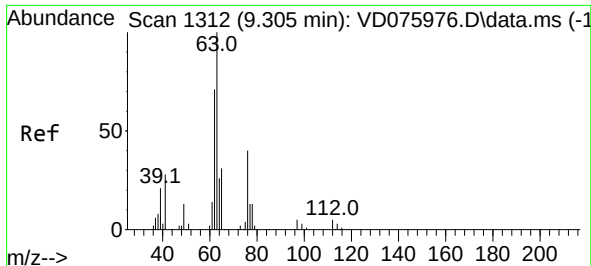
Tgt Ion: 84	Resp: 17957
Ion Ratio	Lower Upper
84 100	
86 49.9	45.8 85.2
49 82.3	60.8 112.8



#34
Trichloroethene
Concen: 1.845 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.247 min
Lab File: VD075978.D
Acq: 03 May 2023 11:44

Tgt Ion: 95	Resp: 9227
Ion Ratio	Lower Upper
95 100	
97 0.0	46.0 85.4#
132 0.0	73.3 136.1#
130 0.0	75.3 139.9#

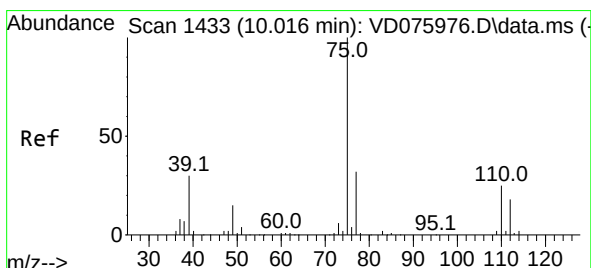
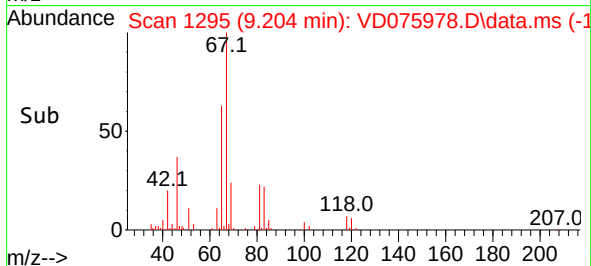
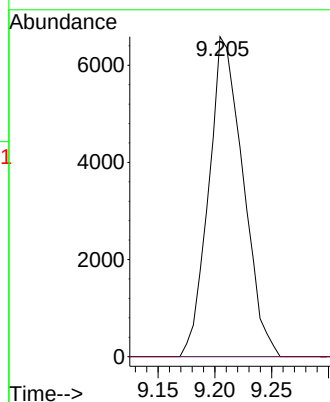
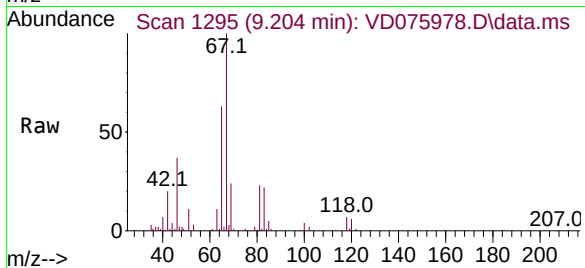




#37
1,2-Dichloropropane
Concen: 3.123 ug/L
RT: 9.204 min Scan# 11
Delta R.T. -0.100 min
Lab File: VD075978.D
Acq: 03 May 2023 11:44

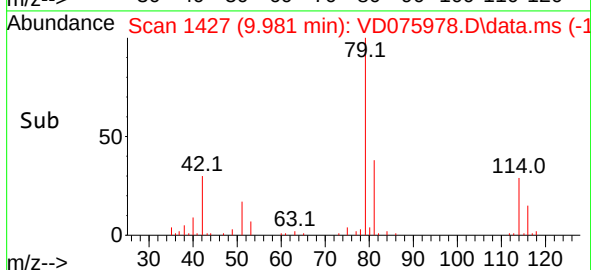
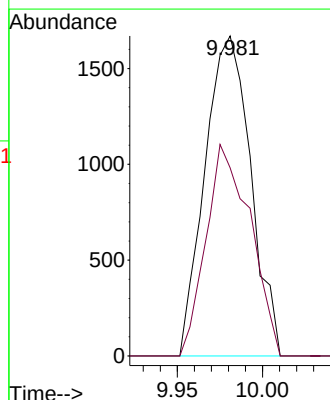
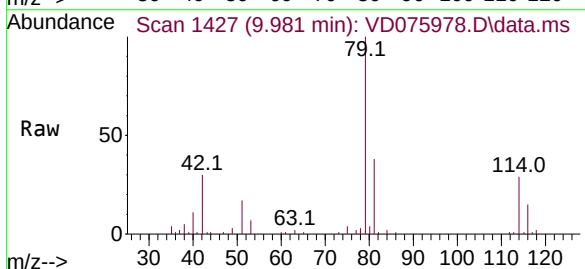
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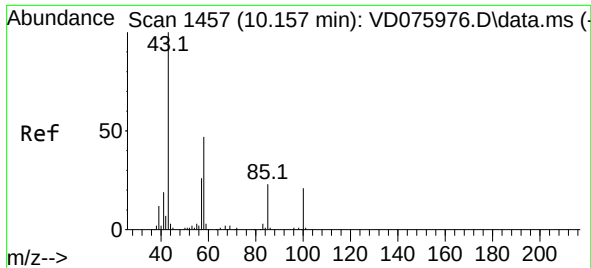
Tgt Ion: 63 Resp: 13871
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.442 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD075978.D
Acq: 03 May 2023 11:44

Tgt Ion: 75 Resp: 3124
Ion Ratio Lower Upper
75 100
77 58.8 23.4 43.6#





#40

4-Methyl-2-pentanone

Concen: 0.764 ug/L

RT: 10.269 min Scan# 14

Delta R.T. 0.112 min

Lab File: VD075978.D

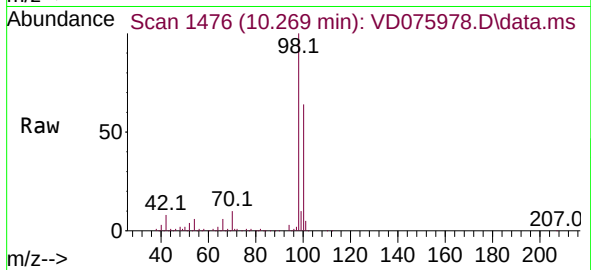
Acq: 03 May 2023 11:44

Instrument :

MSVOA_D

ClientSampleId :

VHBLK001



Tgt Ion: 43 Resp: 1237

Ion Ratio Lower Upper

43 100

58 170.6 39.1 58.7#

100 21264.8 19.4 29.0#

