

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050523\
 Data File : VD076019.D
 Acq On : 05 May 2023 12:07
 Operator : KP/SY
 Sample : 02591-06
 Misc : 5.01G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VHBLK001

Quant Time: May 06 00:22:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 06 00:21:26 2023
 Response via : Initial Calibration

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

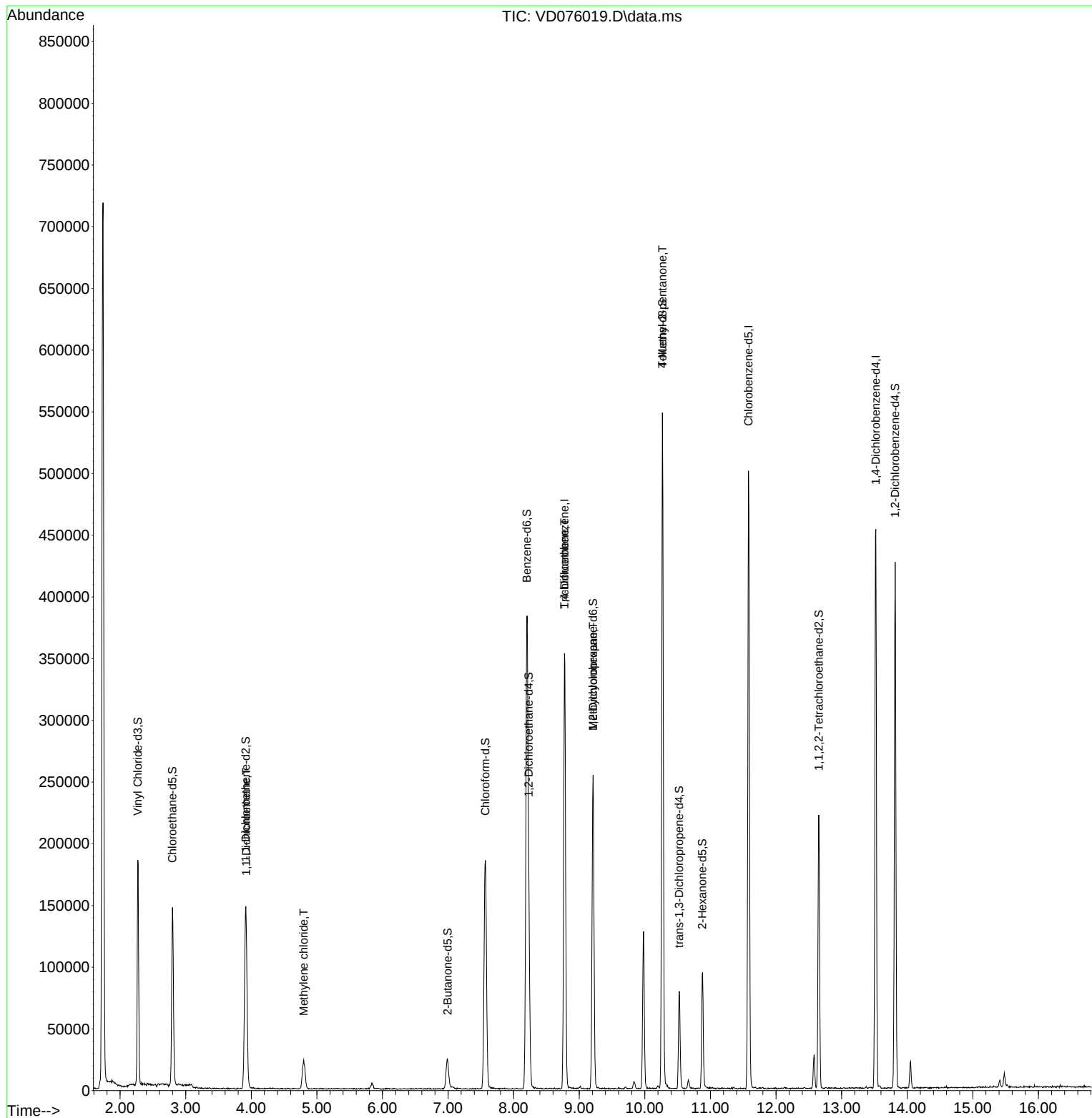
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	344463	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	316862	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	140691	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	176748	23.390	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.560%
7) Chloroethane-d5	2.799	69	155985	23.891	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.560%
11) 1,1-Dichloroethene-d2	3.916	65	41341	23.730	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.920%
21) 2-Butanone-d5	6.993	46	41516	63.286	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.580%
24) Chloroform-d	7.569	84	211529	24.557	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.240%
26) 1,2-Dichloroethane-d4	8.228	65	96246	26.165	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.640%
32) Benzene-d6	8.198	84	436717	23.647	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	9.210	67	134512	26.314	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.240%
41) Toluene-d8	10.269	98	392327	22.691	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.760%
43) trans-1,3-Dichloroprop...	10.522	79	48998	23.190	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.760%
47) 2-Hexanone-d5	10.875	63	34358	55.822	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.640%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	119266	30.490	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.960%#
66) 1,2-Dichlorobenzene-d4	13.816	152	124620	25.042	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.160%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.922	96	1309	0.289	ug/L #	1
16) Methylene chloride	4.799	84	19816	2.836	ug/L	91
34) Trichloroethene	8.775	95	8659	1.747	ug/L #	2
35) Methylcyclohexane	9.210	83	31402	4.109	ug/L #	24
40) 4-Methyl-2-pentanone	10.269	43	1155	0.720	ug/L #	1

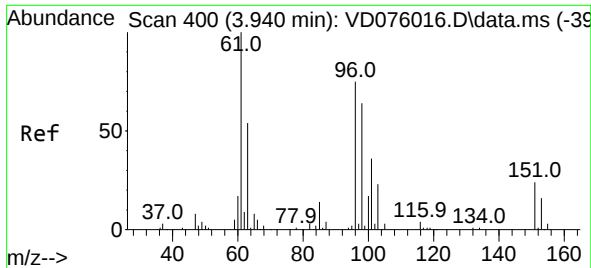
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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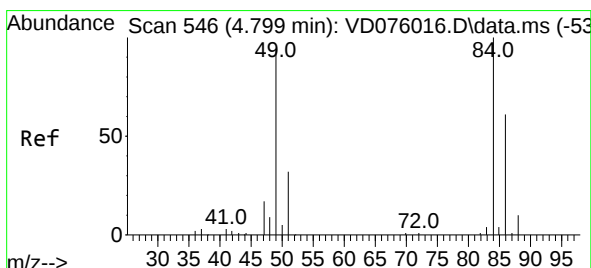
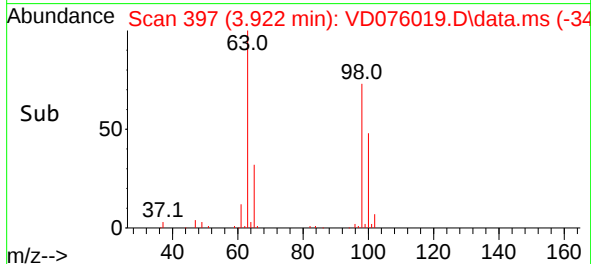
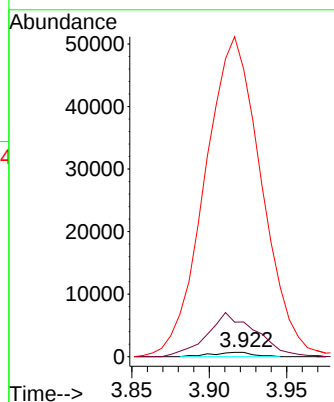
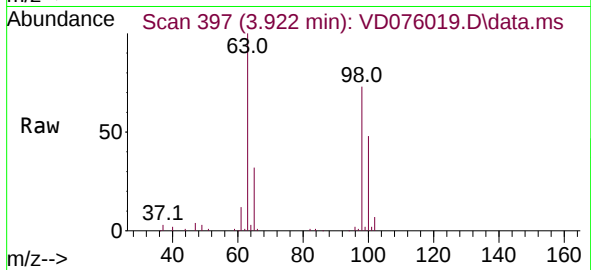




#12
1,1-Dichloroethene
Concen: 0.289 ug/L
RT: 3.922 min Scan# 397
Delta R.T. -0.018 min
Lab File: VD076019.D
Acq: 05 May 2023 12:07

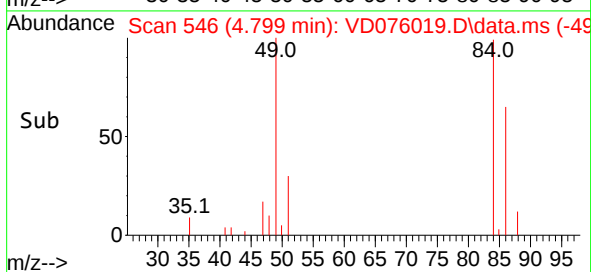
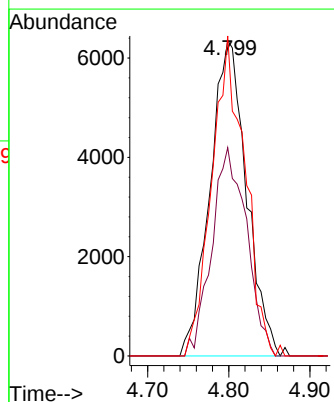
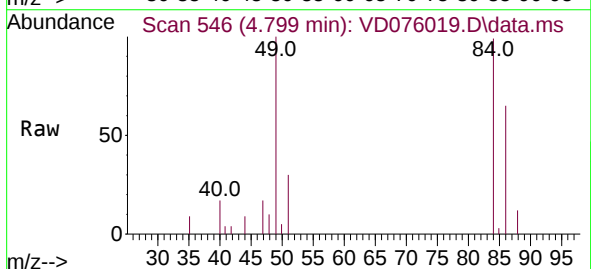
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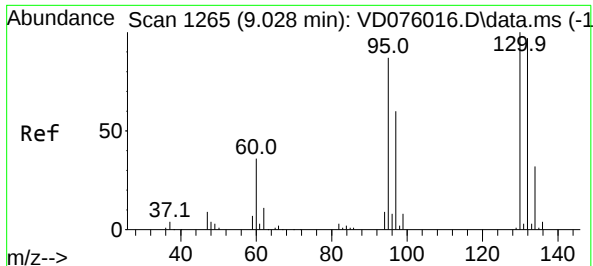
Tgt Ion: 96 Resp: 1309
Ion Ratio Lower Upper
96 100
61 791.2 92.6 172.0#
63 6547.0 77.4 143.8#



#16
Methylene chloride
Concen: 2.836 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD076019.D
Acq: 05 May 2023 12:07

Tgt Ion: 84 Resp: 19816
Ion Ratio Lower Upper
84 100
86 66.0 45.8 85.2
49 101.4 60.8 112.8

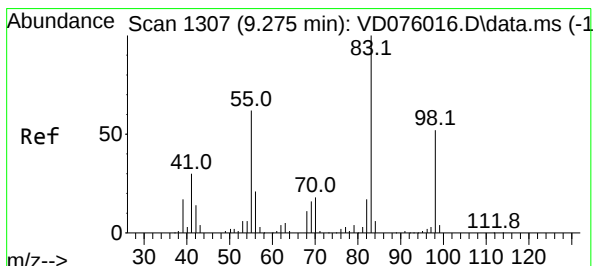
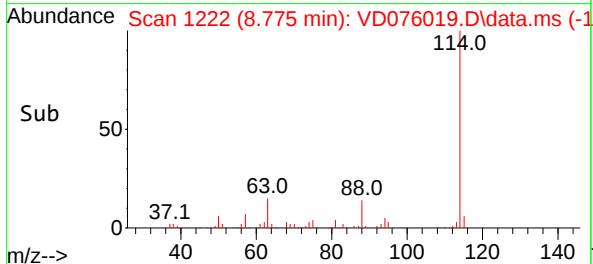
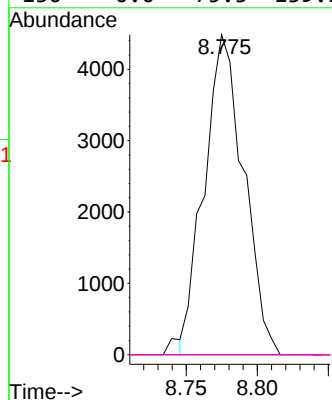
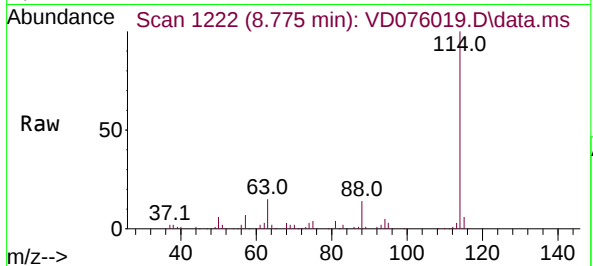




#34
Trichloroethene
Concen: 1.747 ug/L
RT: 8.775 min Scan# 1296
Delta R.T. -0.253 min
Lab File: VD076019.D
Acq: 05 May 2023 12:07

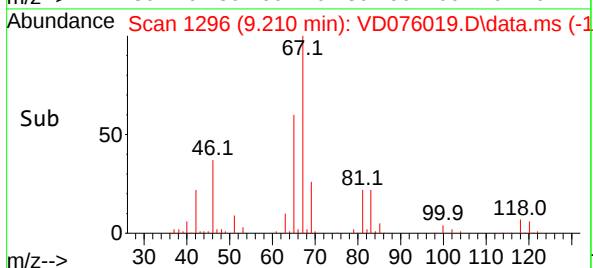
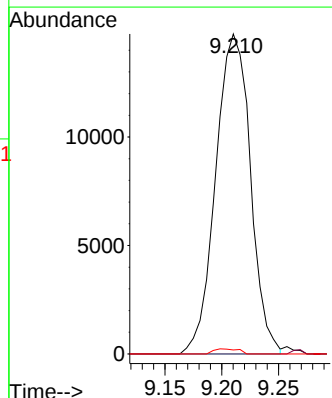
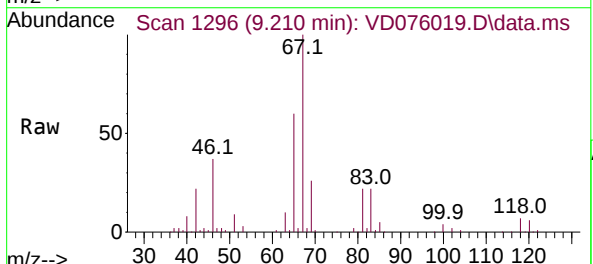
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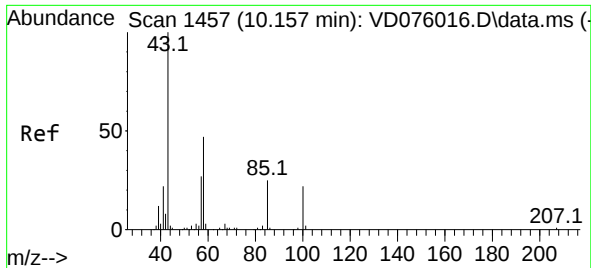
Tgt Ion: 95	Resp: 8659
Ion Ratio	Lower Upper
95	100
97	0.0 46.0 85.4#
132	0.0 73.3 136.1#
130	0.0 75.3 139.9#



#35
Methylcyclohexane
Concen: 4.109 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD076019.D
Acq: 05 May 2023 12:07

Tgt Ion: 83	Resp: 31402
Ion Ratio	Lower Upper
83	100
55	0.4 48.2 72.2#
98	0.9 40.8 61.2#





#40

4-Methyl-2-pentanone

Concen: 0.720 ug/L

RT: 10.269 min Scan# 14

Delta R.T. 0.112 min

Lab File: VD076019.D

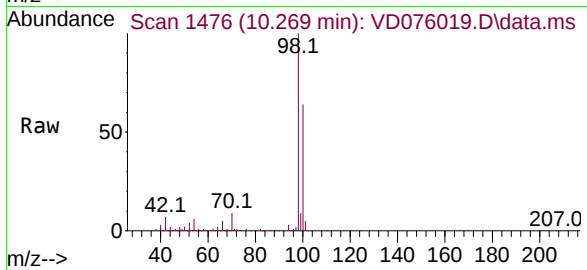
Acq: 05 May 2023 12:07

Instrument :

MSVOA_D

ClientSampleId :

VHBLK001



Tgt Ion: 43 Resp: 1155

Ion Ratio Lower Upper

43 100

58 235.7 39.1 58.7#

100 21648.7 19.4 29.0#

