

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050823\
 Data File : VD076032.D
 Acq On : 08 May 2023 11:28
 Operator : KP/SY
 Sample : 02589-21
 Misc : 5.02G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VHBLK001

Quant Time: May 09 02:36:38 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)

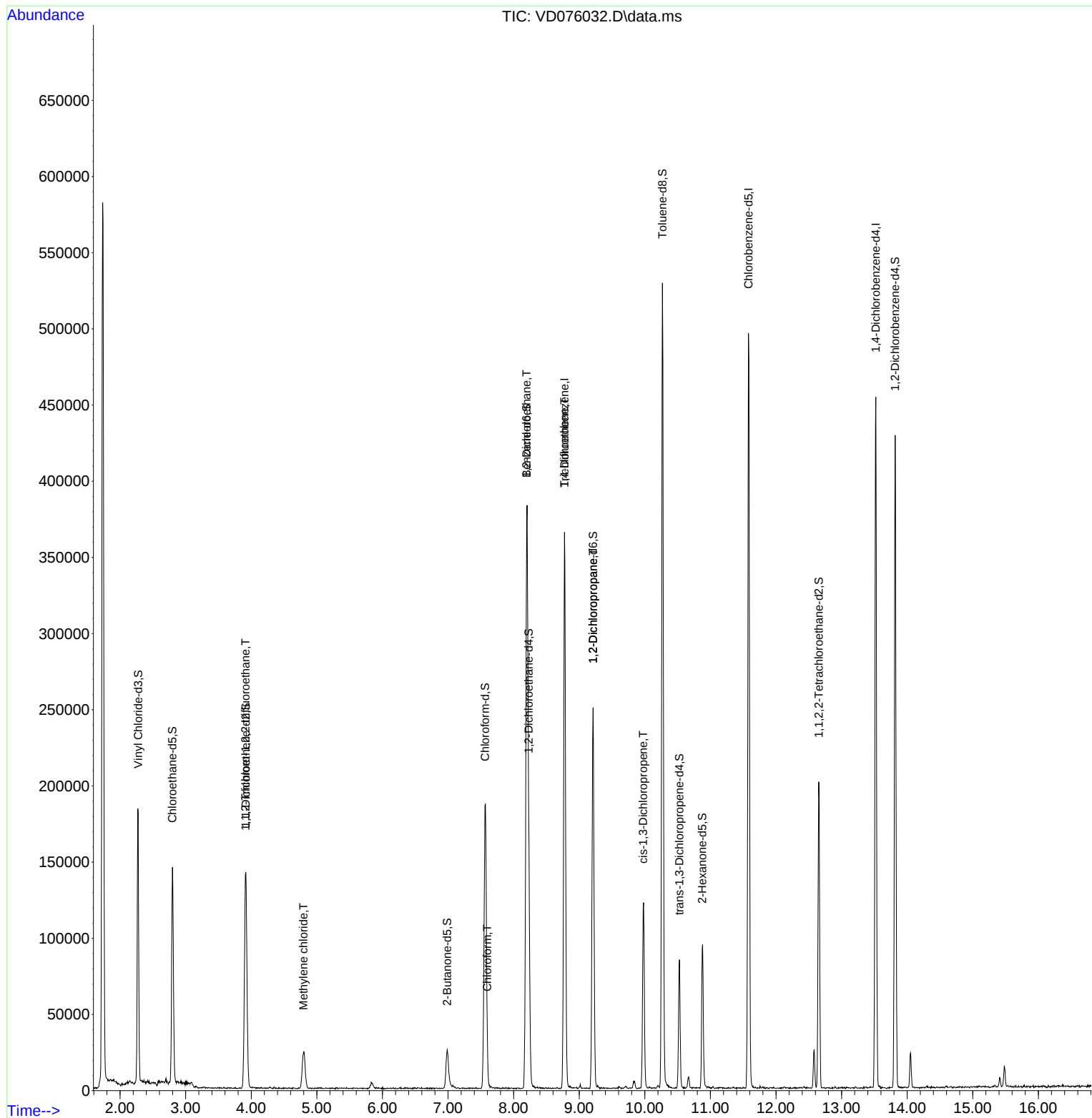
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	349022	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	319390	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	136322	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	173277	22.631	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.520%		
7) Chloroethane-d5	2.799	69	155458	23.499	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.000%		
11) 1,1-Dichloroethene-d2	3.917	65	40363	22.866	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	91.480%		
21) 2-Butanone-d5	6.987	46	43737	65.800	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	131.600%		
24) Chloroform-d	7.563	84	207676	23.795	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	95.160%		
26) 1,2-Dichloroethane-d4	8.228	65	98501	26.428	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	105.720%		
32) Benzene-d6	8.199	84	434465	23.339	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	93.360%		
36) 1,2-Dichloropropane-d6	9.210	67	131071	25.438	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	101.760%		
41) Toluene-d8	10.269	98	391344	22.455	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	89.840%		
43) trans-1,3-Dichloroprop...	10.528	79	48776	22.902	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	91.600%		
47) 2-Hexanone-d5	10.875	63	35167	56.684	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	113.360%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	107781	27.336	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	109.360%		
66) 1,2-Dichlorobenzene-d4	13.816	152	126569	26.249	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	105.000%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	3.911	101	1183	0.250	ug/L #	21
16) Methylene chloride	4.793	84	21820	3.082	ug/L	94
25) Chloroform	7.599	83	3868	0.458	ug/L	98
27) 1,2-Dichloroethane	8.199	62	2075	0.476	ug/L #	68
34) Trichloroethene	8.775	95	8758	1.753	ug/L #	2
37) 1,2-Dichloropropane	9.210	63	12643	2.849	ug/L #	88
39) cis-1,3-Dichloropropene	9.975	75	2979	0.422	ug/L	84

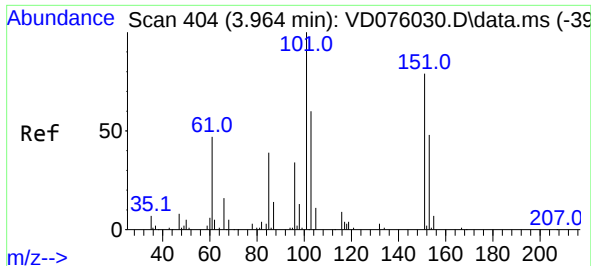
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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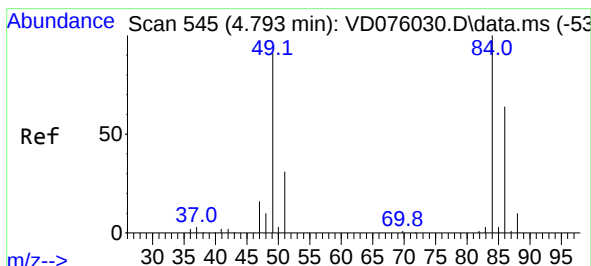
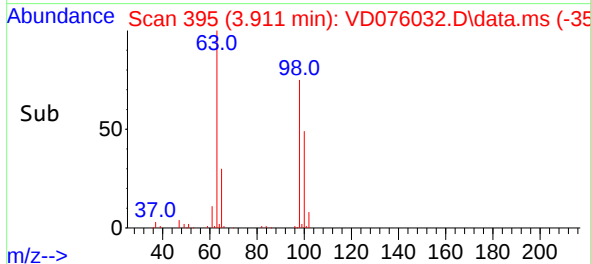
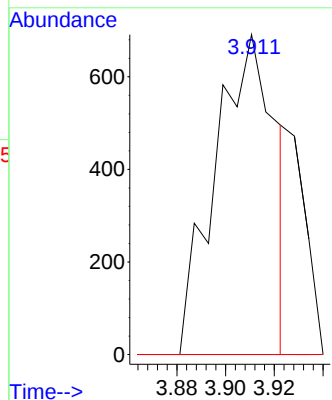
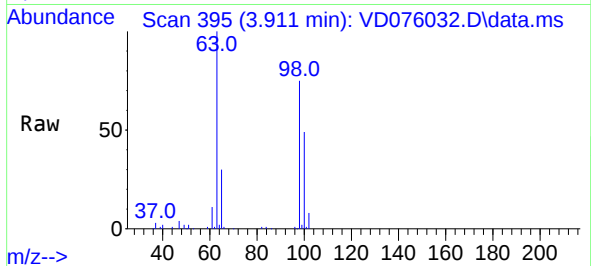




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.250 ug/L
RT: 3.911 min Scan# 395
Delta R.T. -0.053 min
Lab File: VD076032.D
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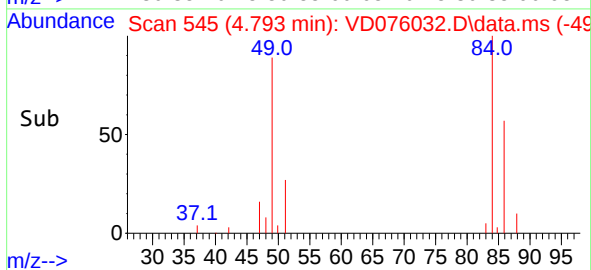
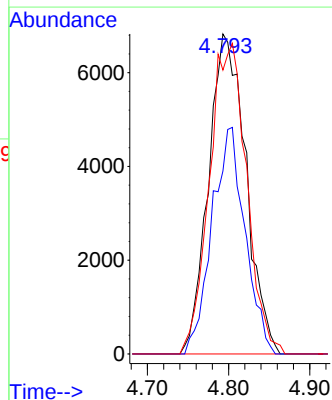
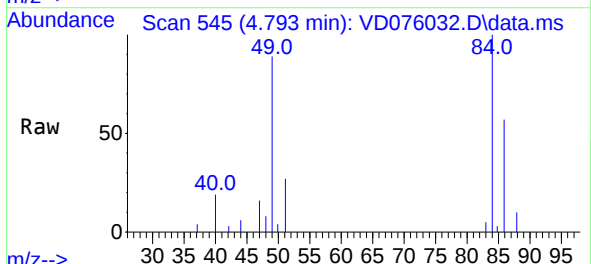
Instrument :
MSVOA_D
ClientSampleId :
VHBLK001

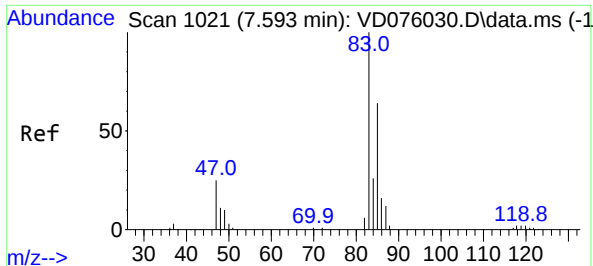
Tgt Ion:101 Resp: 1183
Ion Ratio Lower Upper
101 100
85 0.0 32.9 49.3#
151 0.0 57.2 85.8#



#16
Methylene chloride
Concen: 3.082 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076032.D
Acq: 08 May 2023 11:28

Tgt Ion: 84 Resp: 21820
Ion Ratio Lower Upper
84 100
86 57.1 45.8 85.2
49 88.7 60.8 112.8





#25

Chloroform

Concen: 0.458 ug/L

RT: 7.599 min Scan# 110

Delta R.T. 0.006 min

Lab File: VD076032.D

Acq: 08 May 2023 11:28

Instrument :

MSVOA_D

ClientSampleId :

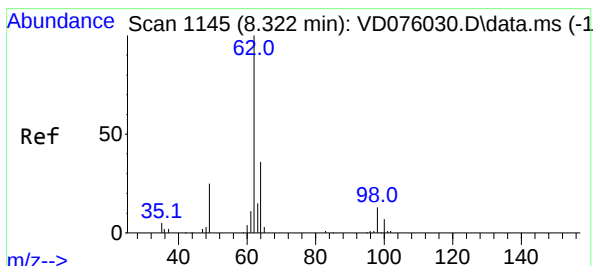
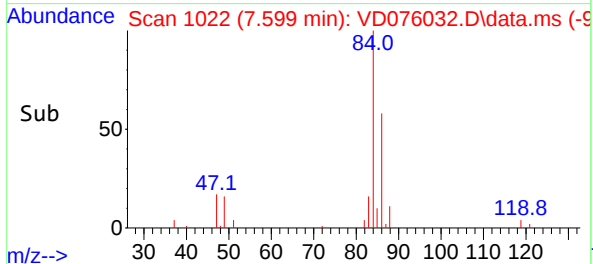
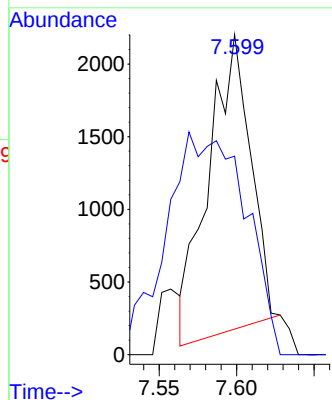
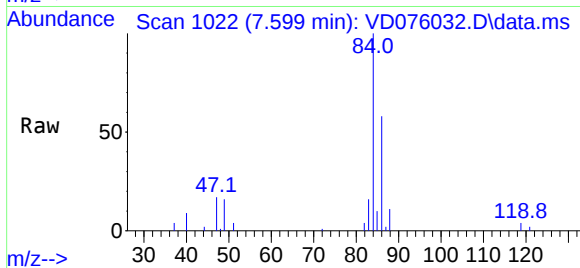
VHBLK001

Tgt Ion: 83 Resp: 3868

Ion Ratio Lower Upper

83 100

85 62.0 44.4 82.5



#27

1,2-Dichloroethane

Concen: 0.476 ug/L

RT: 8.199 min Scan# 1124

Delta R.T. -0.129 min

Lab File: VD076032.D

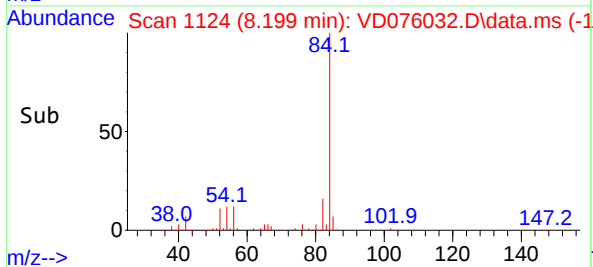
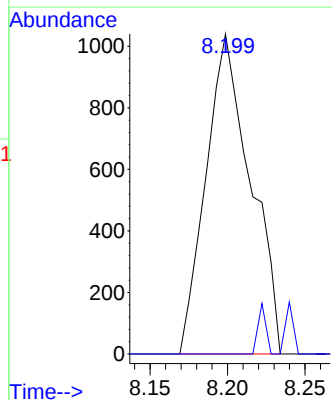
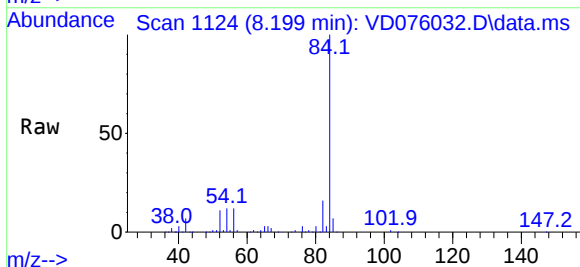
Acq: 08 May 2023 11:28

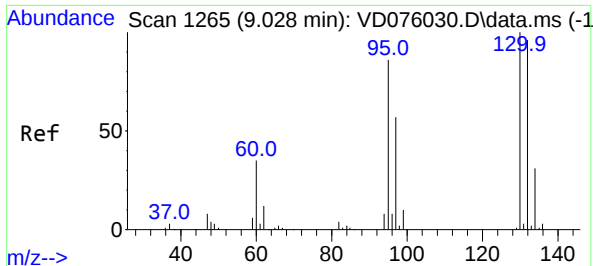
Tgt Ion: 62 Resp: 2075

Ion Ratio Lower Upper

62 100

98 0.0 10.2 15.2#

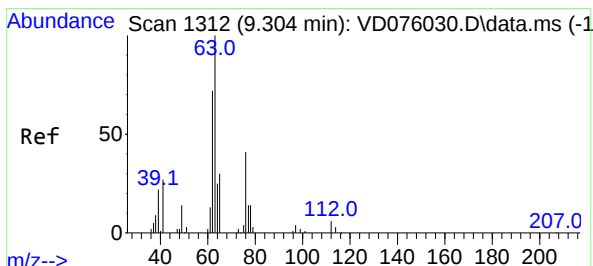
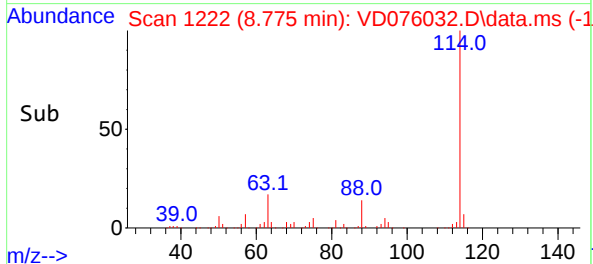
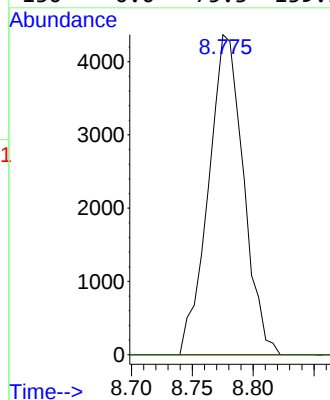
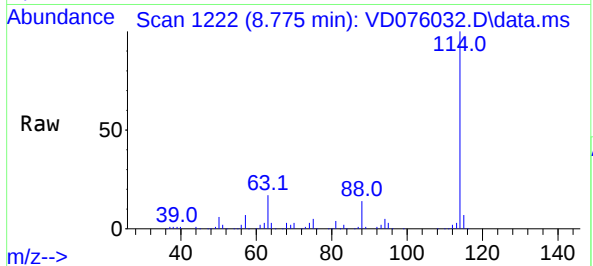




#34
Trichloroethene
Concen: 1.753 ug/L
RT: 8.775 min Scan# 11
Delta R.T. -0.253 min
Lab File: VD076032.D
Acq: 08 May 2023 11:28

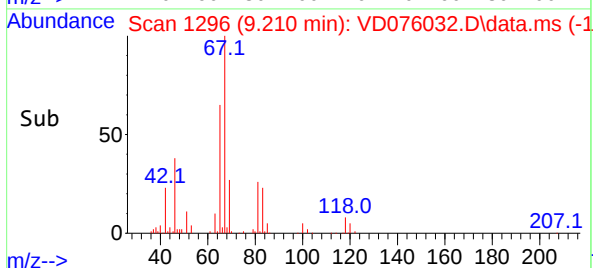
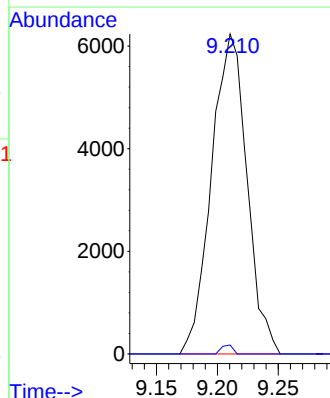
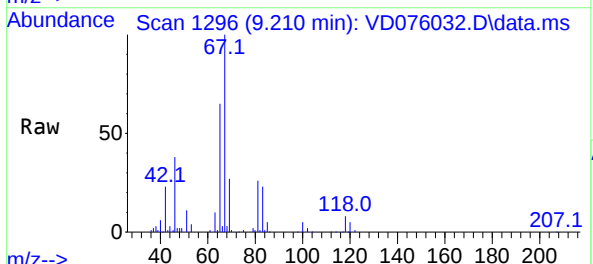
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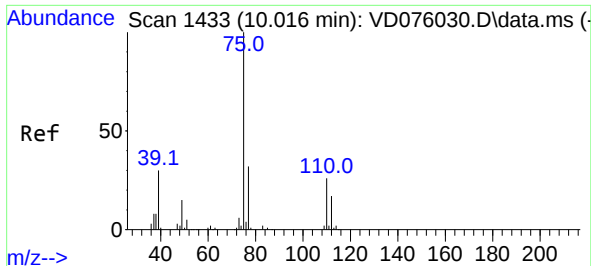
Tgt Ion: 95	Resp: 8758
Ion Ratio	Lower Upper
95 100	
97 0.0	46.0 85.4#
132 0.0	73.3 136.1#
130 0.0	75.3 139.9#



#37
1,2-Dichloropropane
Concen: 2.849 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD076032.D
Acq: 08 May 2023 11:28

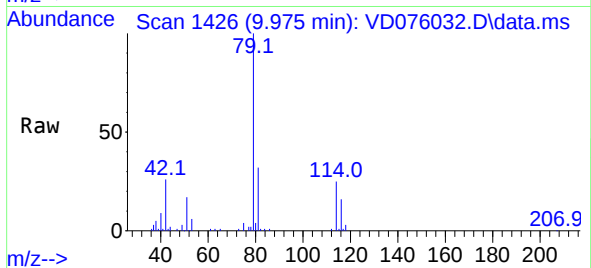
Tgt Ion: 63	Resp: 12643		
Ion Ratio	Lower	Upper	
63 100			
112 0.9	4.0	6.0#	





#39
cis-1,3-Dichloropropene
Concen: 0.422 ug/L
RT: 9.975 min Scan# 14
Delta R.T. -0.041 min
Lab File: VD076032.D
Acq: 08 May 2023 11:28

Instrument :
MSVOA_D
ClientSampleId :
VHBLK001



Tgt Ion: 75 Resp: 2979
Ion Ratio Lower Upper
75 100
77 42.8 23.4 43.6

