

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120623\
 Data File : VD077761.D
 Acq On : 06 Dec 2023 15:02
 Operator : JC/SY
 Sample : 05646-05
 Misc : 3.65G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C0AY1

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/08/2023
 Supervised By :Semsettin Yesilyurt 12/08/2023

Quant Time: Dec 07 00:32:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 06 00:24:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	283568	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	184003	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	40409	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	182420	23.590	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.360%		
7) Chloroethane-d5	2.811	69	159666	25.904	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	103.600%		
11) 1,1-Dichloroethene-d2	3.928	65	47036	23.459	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	93.840%		
21) 2-Butanone-d5	6.987	46	47887m	48.997	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	98.000%		
24) Chloroform-d	7.569	84	205519	26.891	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	107.560%		
26) 1,2-Dichloroethane-d4	8.234	65	108943	28.134	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	112.520%		
32) Benzene-d6	8.205	84	403655	36.425	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	145.680%#		
36) 1,2-Dichloropropane-d6	9.210	67	126331	37.362	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	149.440%#		
41) Toluene-d8	10.269	98	305044	29.906	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	119.640%		
43) trans-1,3-Dichloroprop...	10.528	79	46961	31.407	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	125.640%		
47) 2-Hexanone-d5	10.875	63	38118	65.422	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	130.840%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	52752	21.590	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	86.360%		
66) 1,2-Dichlorobenzene-d4	13.816	152	31287	21.643	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	86.560%		
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	3.928	96	1214	0.315	ug/L #	1
13) Acetone	4.028	43	10905	8.709	ug/L	83
15) Methyl Acetate	4.575	43	2381	1.328	ug/L #	75
16) Methylene chloride	4.799	84	5514	1.095	ug/L	79
33) Benzene	8.258	78	254410	21.243	ug/L	100
51) Chlorobenzene	11.604	112	23462	2.974	ug/L	97

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

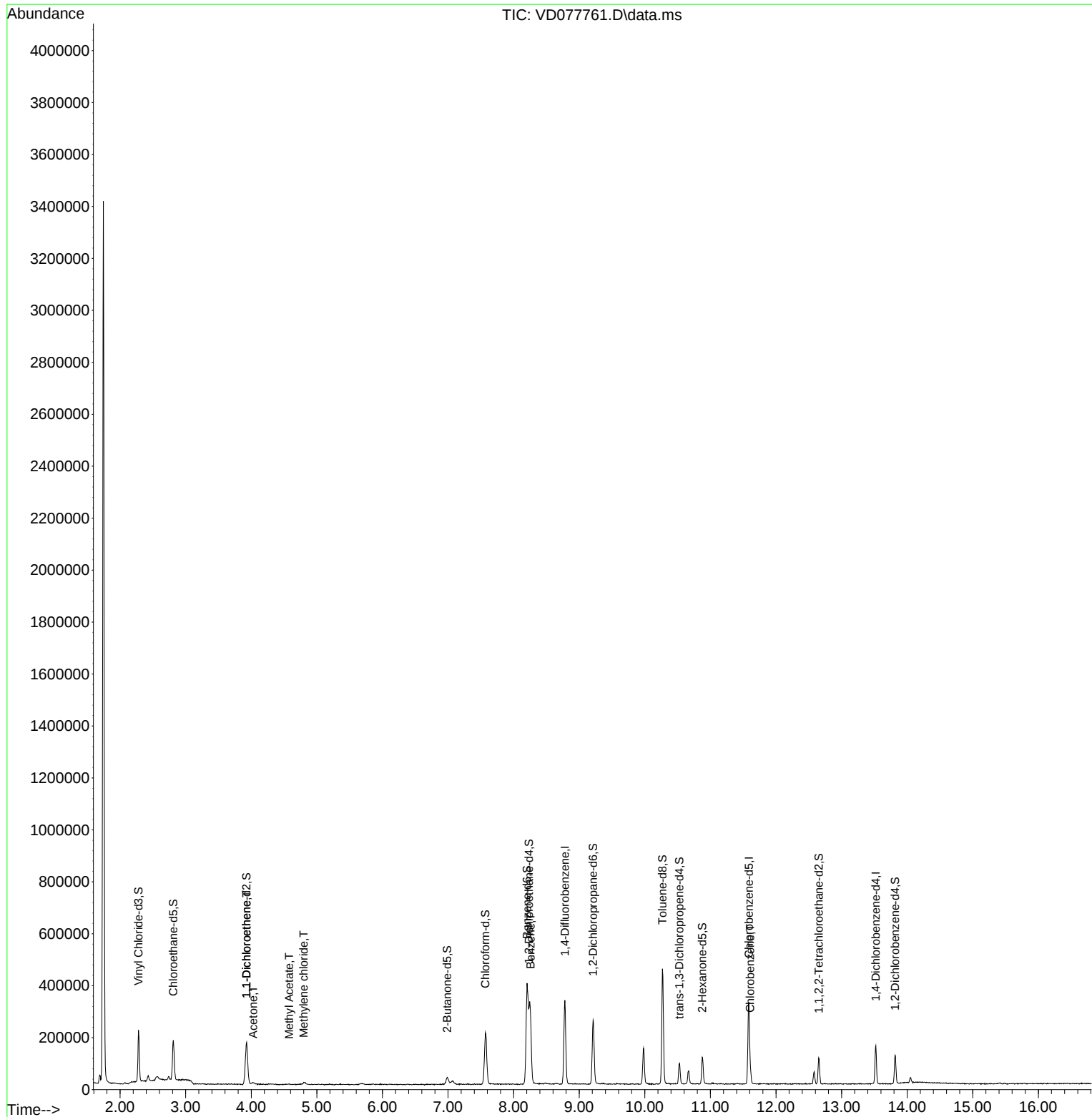
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120623\
Data File : VD077761.D
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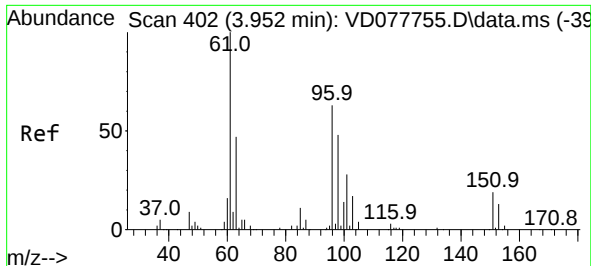
Instrument :
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Quant Time: Dec 07 00:32:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 06 00:24:24 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.315 ug/L

RT: 3.928 min Scan# 398

Delta R.T. -0.023 min

Lab File: VD077761.D

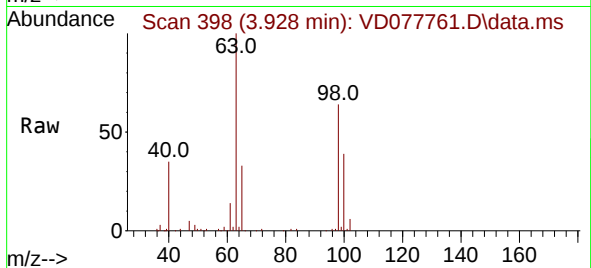
Acq: 06 Dec 2023 15:02

Instrument :

MSVOA_D

ClientSampleId :

C0AY1



Tgt Ion: 96 Resp: 1214

Ion Ratio Lower Upper

96 100

61 1136.0 108.6 201.0

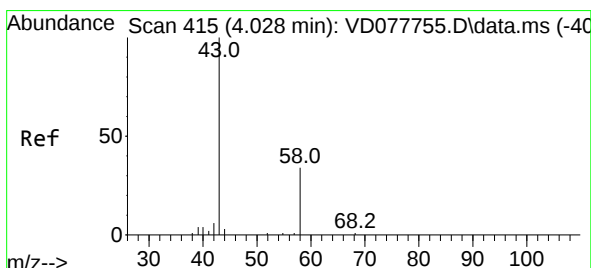
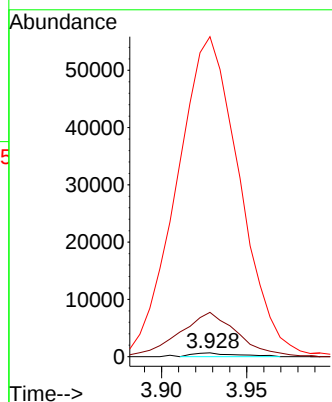
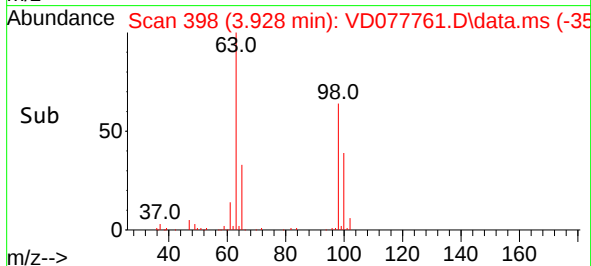
63 8205.6 60.3 111.9

Manual Integrations

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#13

Acetone

Concen: 8.709 ug/L

RT: 4.028 min Scan# 415

Delta R.T. 0.000 min

Lab File: VD077761.D

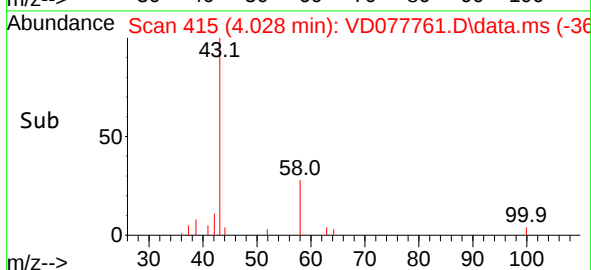
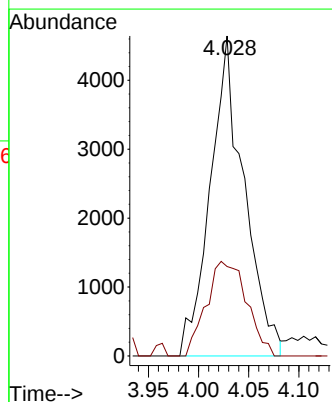
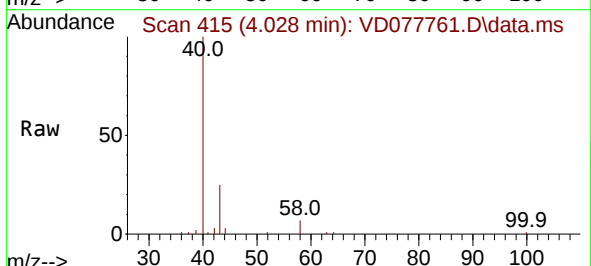
Acq: 06 Dec 2023 15:02

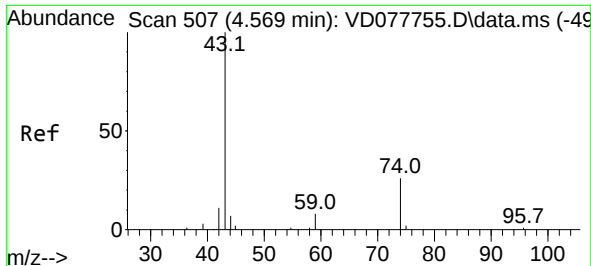
Tgt Ion: 43 Resp: 10905

Ion Ratio Lower Upper

43 100

58 23.8 0.0 67.2





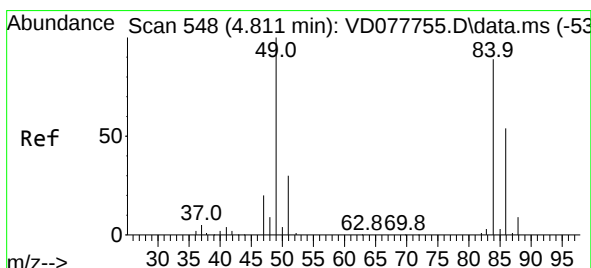
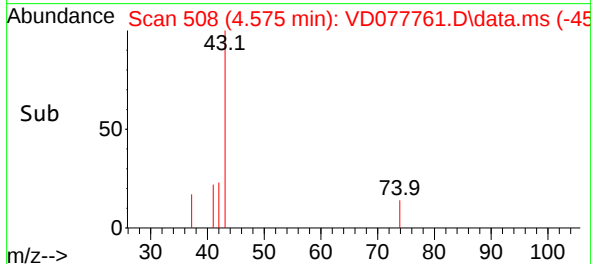
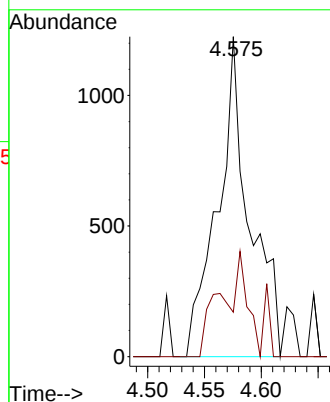
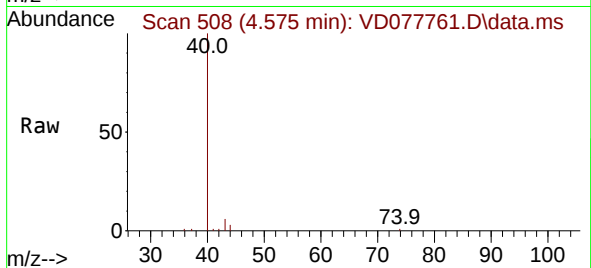
#15
Methyl Acetate
Concen: 1.328 ug/L
RT: 4.575 min Scan# 507
Delta R.T. 0.012 min
Lab File: VD077761.D
Acq: 06 Dec 2023 15:02

Instrument :
MSVOA_D
ClientSampleId :
C0AY1

Tgt Ion: 43 Resp: 238
Ion Ratio Lower Upper
43 100
74 11.1 18.6 27.8

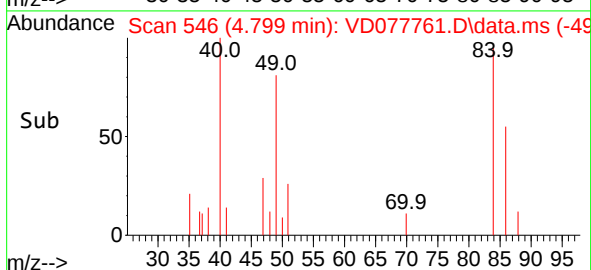
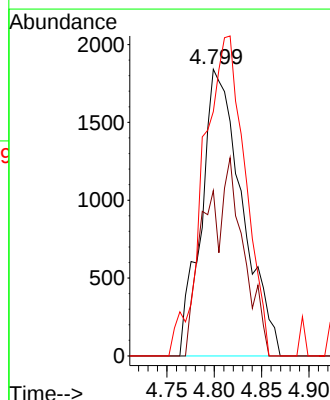
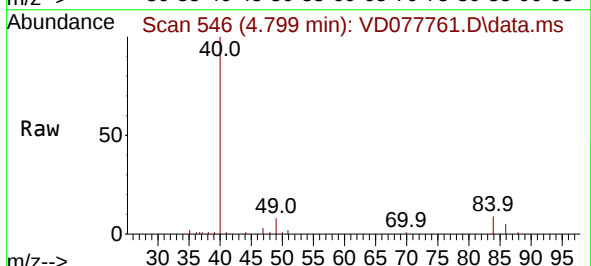
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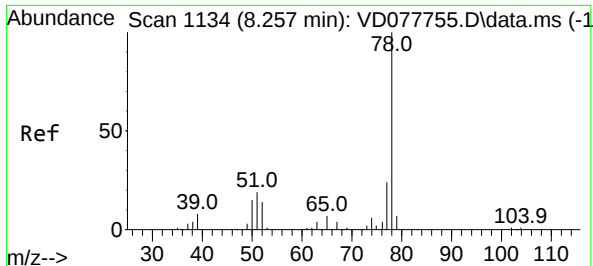
Reviewed By :Mahesh Dadoda 12/08/2023
Supervised By :Semsettin Yesilyurt 12/08/2023



#16
Methylene chloride
Concen: 1.095 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.012 min
Lab File: VD077761.D
Acq: 06 Dec 2023 15:02

Tgt Ion: 84 Resp: 5514
Ion Ratio Lower Upper
84 100
86 57.6 40.1 74.5
49 85.2 83.2 154.6





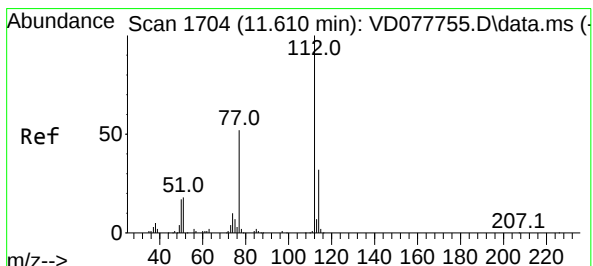
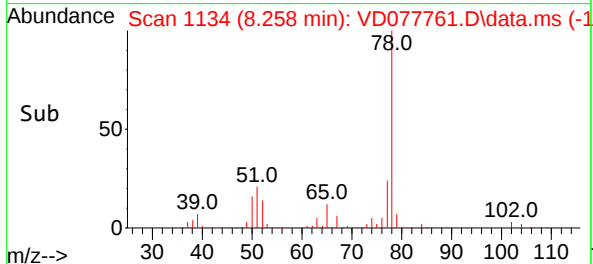
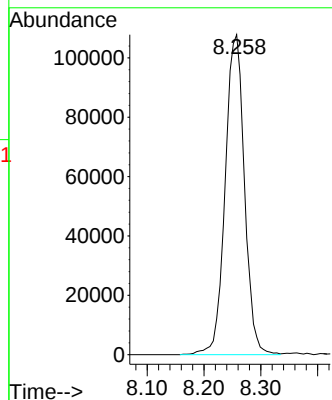
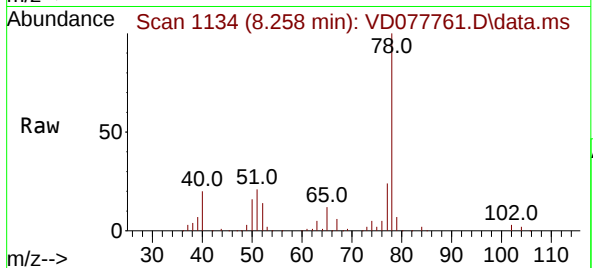
#33
Benzene
Concen: 21.243 ug/L
RT: 8.258 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VD077761.D
Acq: 06 Dec 2023 15:02

Instrument :
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Tgt Ion: 78 Resp: 254410

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#51
Chlorobenzene
Concen: 2.974 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD077761.D
Acq: 06 Dec 2023 15:02

Tgt Ion:112 Resp: 23462
Ion Ratio Lower Upper
112 100
114 34.0 22.5 41.9
77 60.5 46.4 69.6

