

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
 Data File : VD077177.D
 Acq On : 21 Sep 2023 13:37
 Operator : JC/SY
 Sample : 04527-07
 Misc : 5.57G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EZYK6

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/22/2023
 Supervised By : Mahesh Dadoda 09/22/2023

Quant Time: Sep 22 01:31:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 22 01:29:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	264074	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	217137	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	62600	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	174957	26.888	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.560%			
7) Chloroethane-d5	2.799	69	158038	29.535	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 118.120%			
11) 1,1-Dichloroethene-d2	3.922	65	39847	26.958	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 107.840%			
21) 2-Butanone-d5	6.987	46	56602	69.049	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 138.100%#			
24) Chloroform-d	7.569	84	90369	12.506	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 50.040%			
26) 1,2-Dichloroethane-d4	8.234	65	114159	33.333	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 133.320%#			
32) Benzene-d6	8.199	84	421300	35.129	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 140.520%#			
36) 1,2-Dichloropropane-d6	9.210	67	137008	39.836	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 159.360%#			
41) Toluene-d8	10.269	98	329094	29.977	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 119.920%			
43) trans-1,3-Dichloroprop...	10.528	79	49189	31.390	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 125.560%			
47) 2-Hexanone-d5	10.875	63	38007	69.191	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 138.380%#			
56) 1,1,2,2-Tetrachloroeth...	12.645	84	7650	2.495	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 10.000%#			
66) 1,2-Dichlorobenzene-d4	13.816	152	66109	32.902	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 131.600%#			
Target Compounds					Qvalue	
13) Acetone	4.017	43	5771m	4.908	ug/L	
14) Carbon disulfide	4.269	76	50341	4.385	ug/L	99
16) Methylene chloride	4.811	84	15717	2.924	ug/L	82
25) Chloroform	7.593	83	128743	17.711	ug/L	98
34) Trichloroethene	9.028	95	5623	1.626	ug/L	84
53) m,p-Xylene	11.793	106	4527	0.767	ug/L	97
54) o-Xylene	12.128	106	2377	0.417	ug/L	73

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

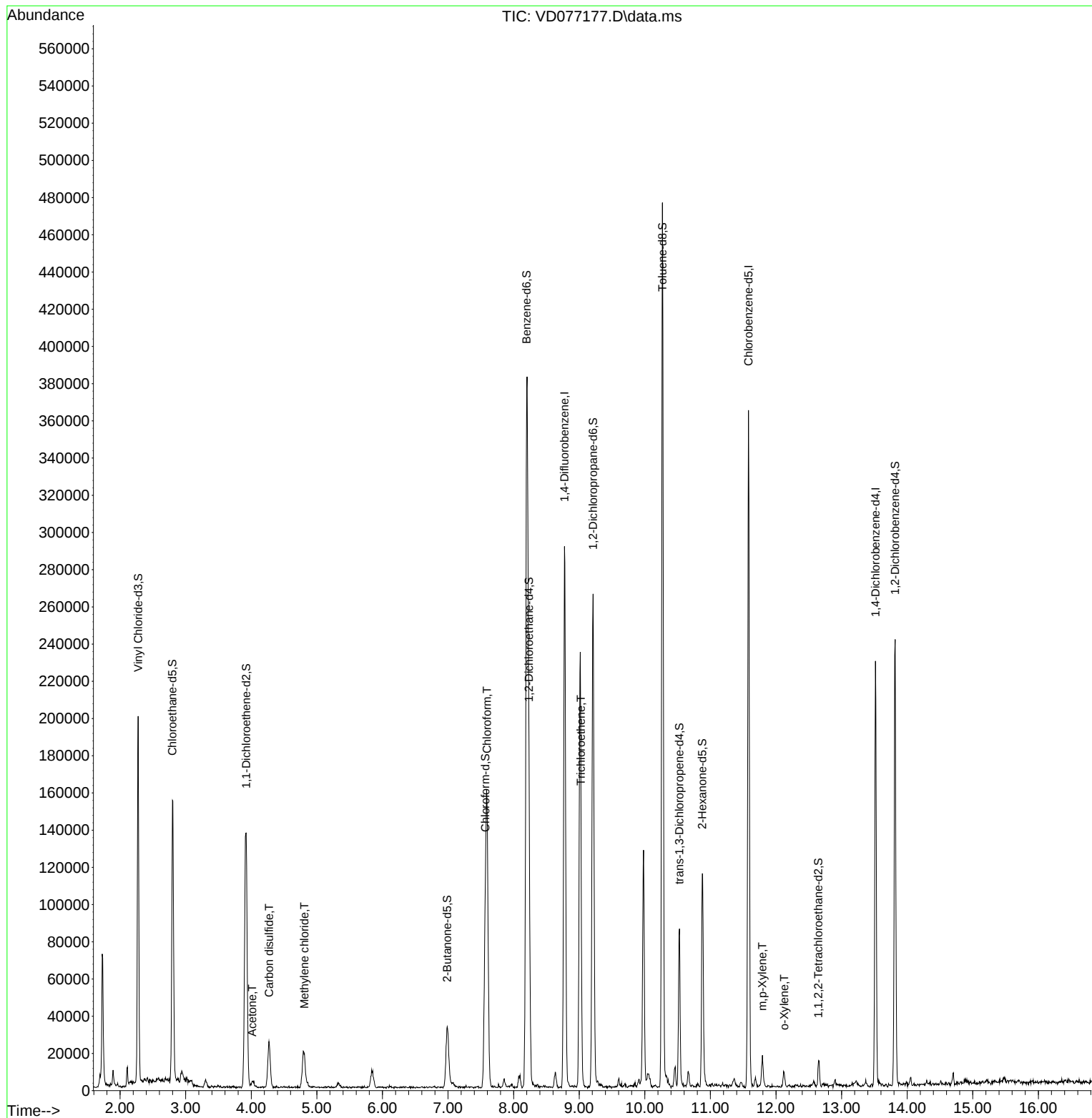
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Data File : VD077177.D
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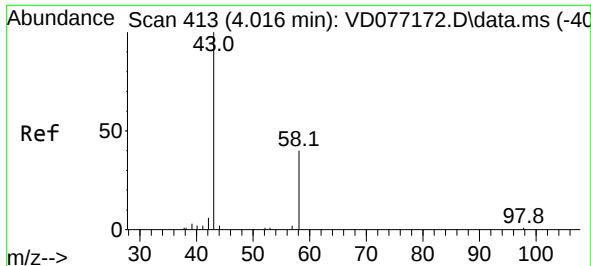
Instrument :
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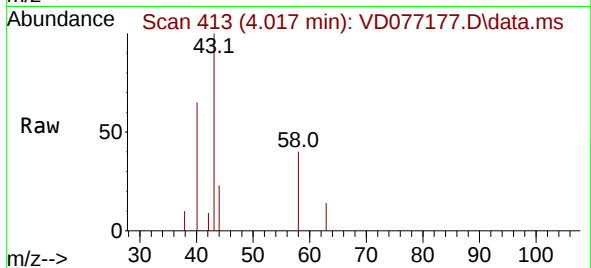
Quant Time: Sep 22 01:31:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 22 01:29:35 2023
Response via : Initial Calibration





#13
Acetone
Concen: 4.908 ug/L m
RT: 4.017 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD077177.D
Acq: 21 Sep 2023 13:37

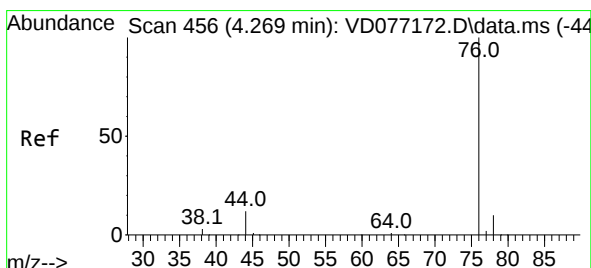
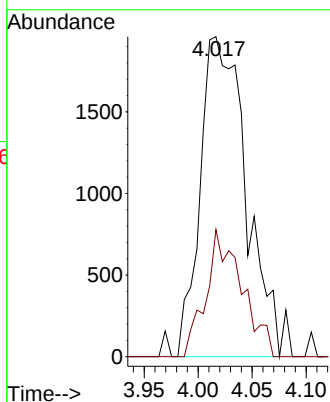
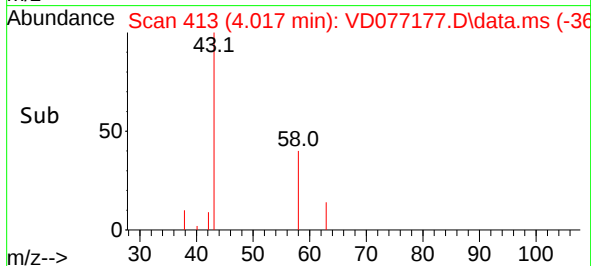
Instrument :
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Tgt Ion: 43 Resp: 577
Ion Ratio Lower Upper
43 100
58 15.4 0.0 71.8

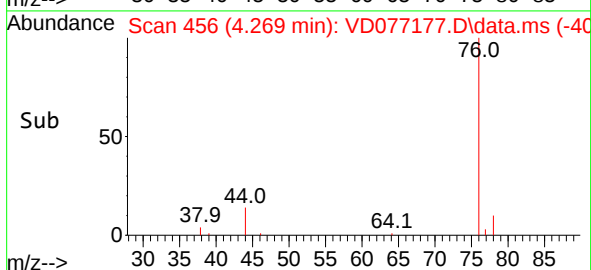
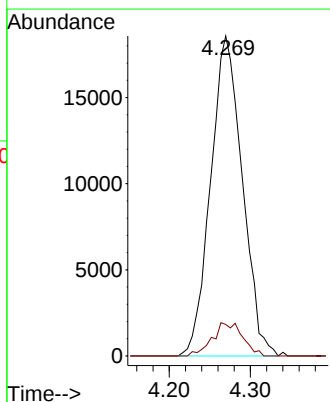
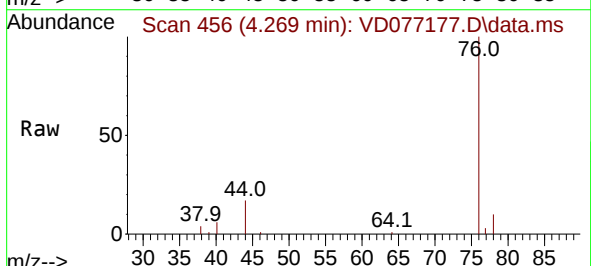
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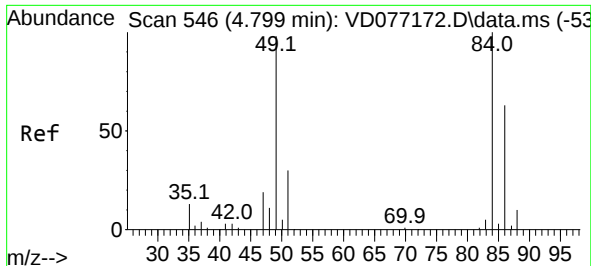
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#14
Carbon disulfide
Concen: 4.385 ug/L
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD077177.D
Acq: 21 Sep 2023 13:37

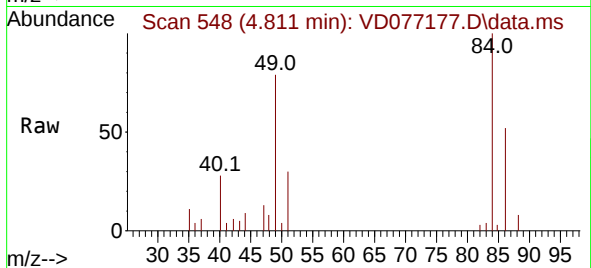
Tgt Ion: 76 Resp: 50341
Ion Ratio Lower Upper
76 100
78 9.9 7.5 11.3





#16
Methylene chloride
Concen: 2.924 ug/L
RT: 4.811 min Scan# 546
Delta R.T. 0.012 min
Lab File: VD077177.D
Acq: 21 Sep 2023 13:37

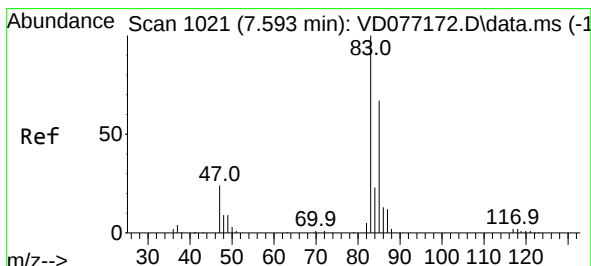
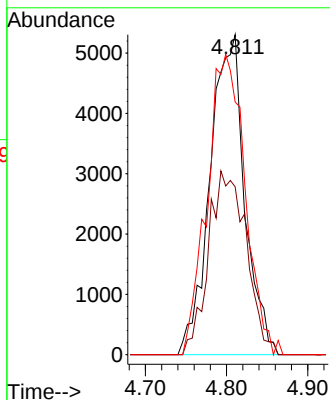
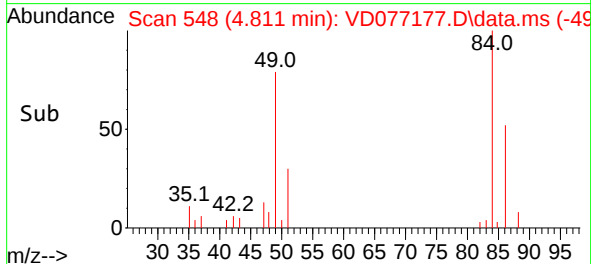
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Tgt Ion: 84 Resp: 1571
Ion Ratio Lower Upper
84 100
86 52.5 45.3 84.1
49 79.0 69.2 128.6

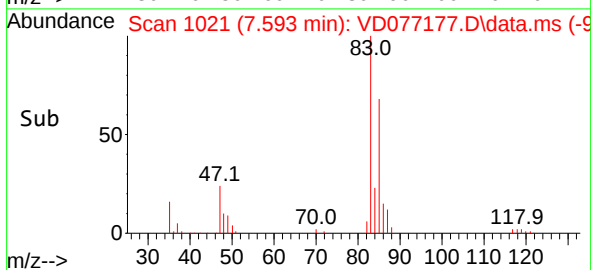
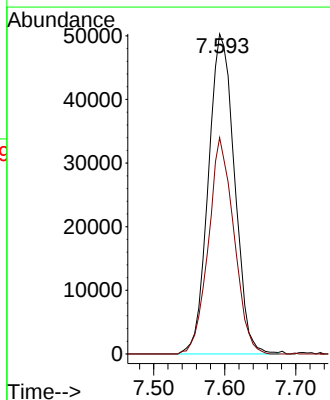
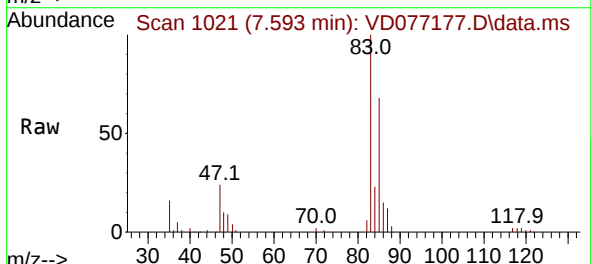
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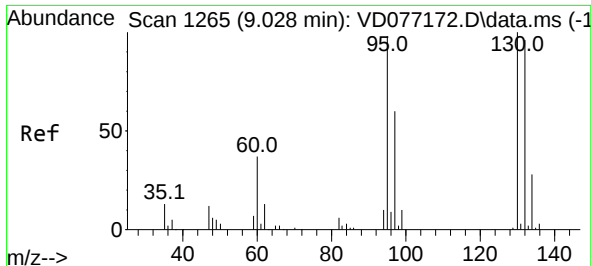
Reviewed By :John Carlone 09/22/2023
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#25
Chloroform
Concen: 17.711 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD077177.D
Acq: 21 Sep 2023 13:37

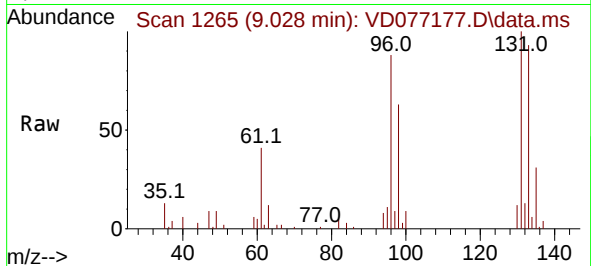
Tgt Ion: 83 Resp: 128743
Ion Ratio Lower Upper
83 100
85 67.6 46.2 85.8





#34
Trichloroethene
Concen: 1.626 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077177.D
Acq: 21 Sep 2023 13:37

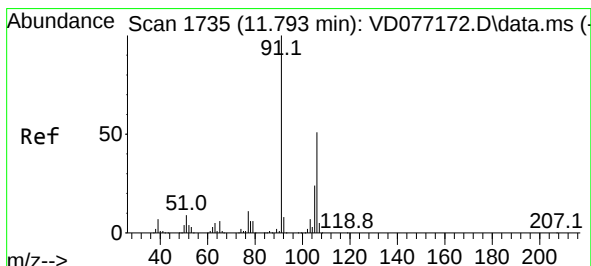
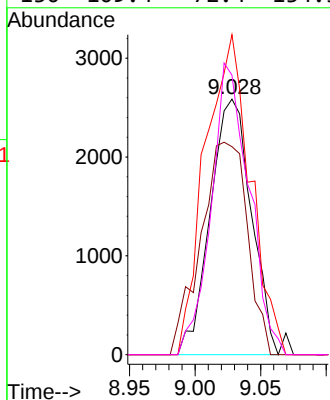
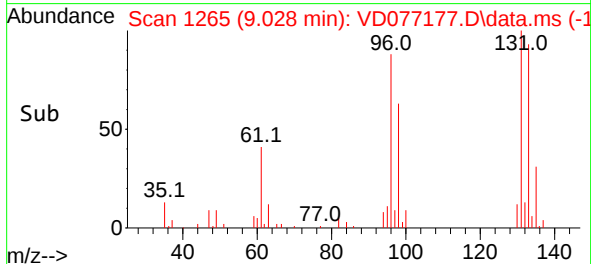
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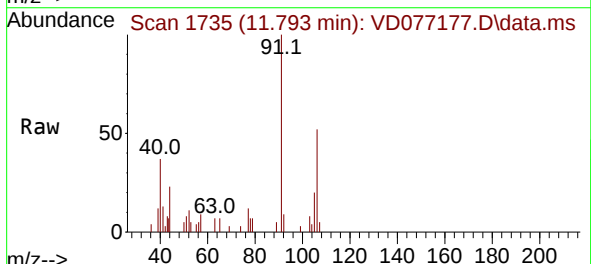
Tgt Ion: 95 Resp: 562
Ion Ratio Lower Upper
95 100
97 81.4 46.4 86.2
132 125.3 70.1 130.1
130 109.4 72.4 134.5

Manual Integrations
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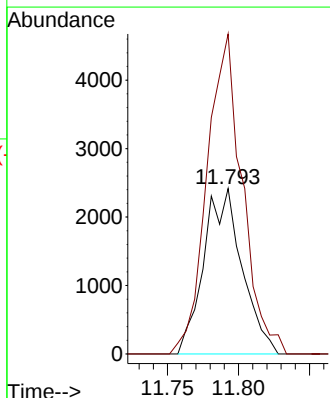
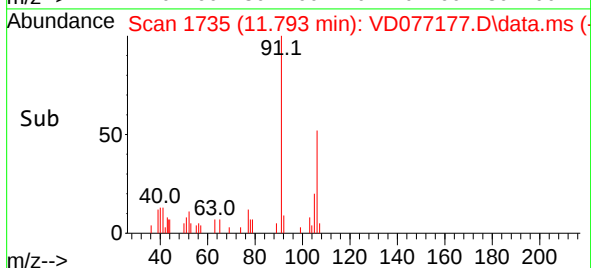
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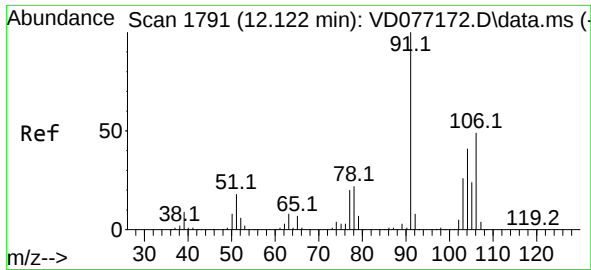


#53
m,p-Xylene
Concen: 0.767 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077177.D
Acq: 21 Sep 2023 13:37



Tgt Ion:106 Resp: 4527
Ion Ratio Lower Upper
106 100
91 193.5 138.2 256.6





#54

o-Xylene

Concen: 0.417 ug/L

RT: 12.128 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077177.D

Acq: 21 Sep 2023 13:37

Instrument :

MSVOA_D

ClientSampleId :

EZYK6

Tgt Ion:106 Resp: 237

Ion Ratio Lower Upper

106 100

91 167.3 146.9 272.7

Manual Integrations

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