

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
 Data File : VD077197.D
 Acq On : 22 Sep 2023 12:51
 Operator : JC/SY
 Sample : 04527-04RE
 Misc : 6.03G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EZYK5RE

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/25/2023
 Supervised By :Semsettin Yesilyurt 09/25/2023

Quant Time: Sep 22 23:43:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 22 23:41:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	145378	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	148520	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	66174	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	72415	20.215	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.880%		
7) Chloroethane-d5	2.799	69	63133	21.432	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.720%		
11) 1,1-Dichloroethene-d2	3.922	65	16114	19.803	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	79.200%		
21) 2-Butanone-d5	6.987	46	30271	67.078	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	134.160%		
24) Chloroform-d	7.569	84	94568	23.773	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	95.080%		
26) 1,2-Dichloroethane-d4	8.228	65	52260	27.718	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	110.880%		
32) Benzene-d6	8.204	84	174366	21.256	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	85.040%		
36) 1,2-Dichloropropane-d6	9.210	67	58745	24.972	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	99.880%		
41) Toluene-d8	10.269	98	138454	18.439	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	73.760%		
43) trans-1,3-Dichloroprop...	10.522	79	22011	20.536	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	82.160%		
47) 2-Hexanone-d5	10.875	63	20549	54.693	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	109.380%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	57652	27.491	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	109.960%		
66) 1,2-Dichlorobenzene-d4	13.816	152	44279	20.847	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	83.400%		
Target Compounds					Qvalue	
13) Acetone	4.034	43	5498	8.493	ug/L	67
14) Carbon disulfide	4.258	76	5445m	0.862	ug/L	
16) Methylene chloride	4.799	84	16791m	5.675	ug/L	
52) Ethylbenzene	11.681	91	14578	1.394	ug/L	91
53) m,p-Xylene	11.787	106	24213	5.996	ug/L	95
54) o-Xylene	12.128	106	11113m	2.851	ug/L	

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

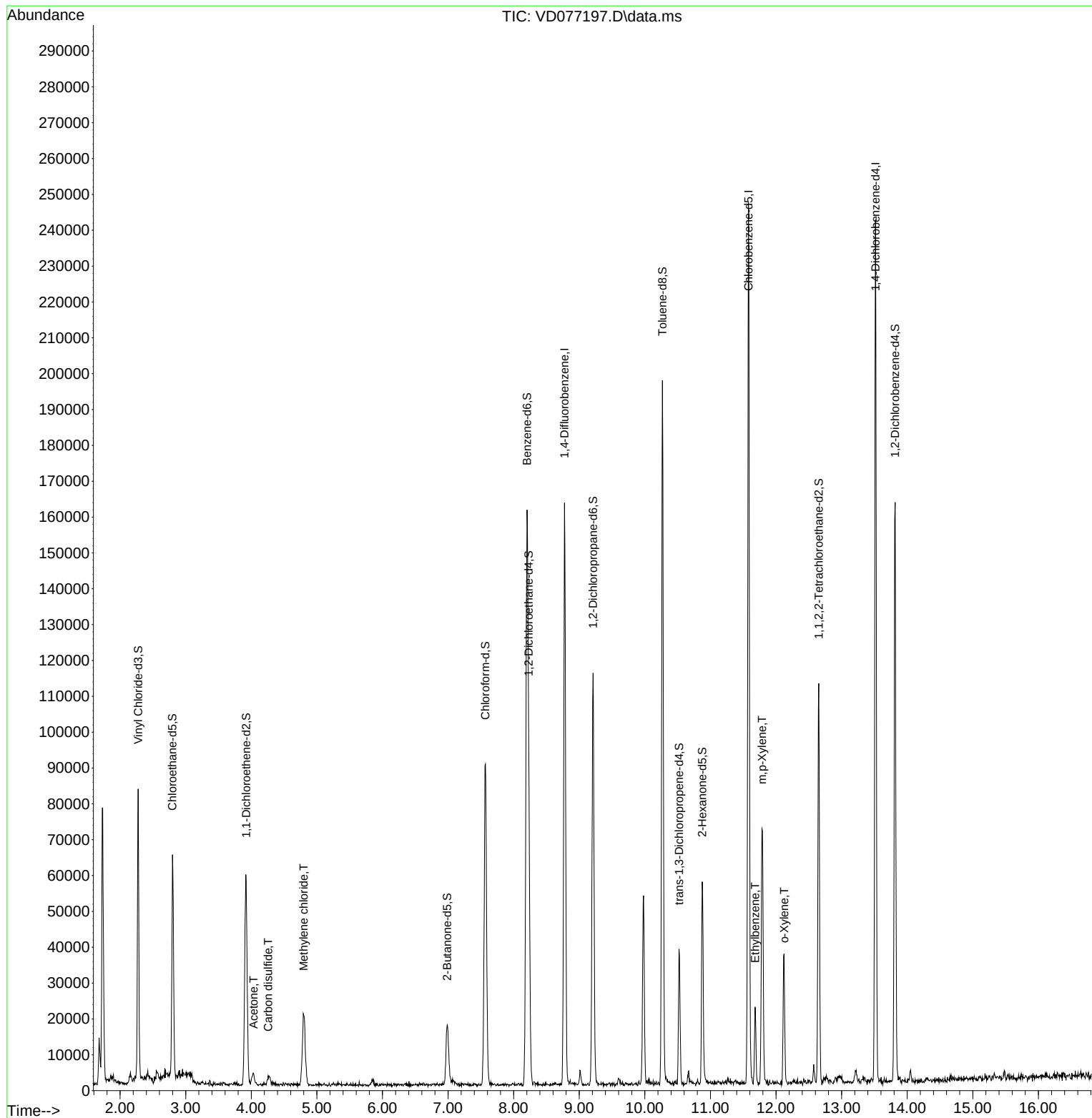
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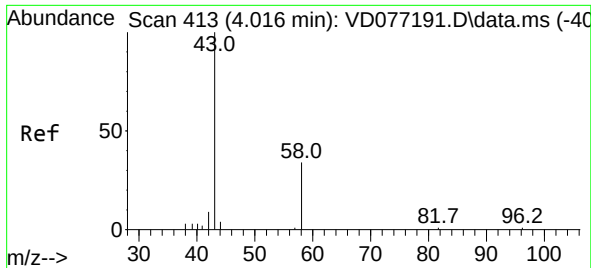
Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 22 23:41:10 2023
Response via : Initial Calibration





#13

Acetone

Concen: 8.493 ug/L

RT: 4.034 min Scan# 413

Delta R.T. 0.018 min

Lab File: VD077197.D

Acq: 22 Sep 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

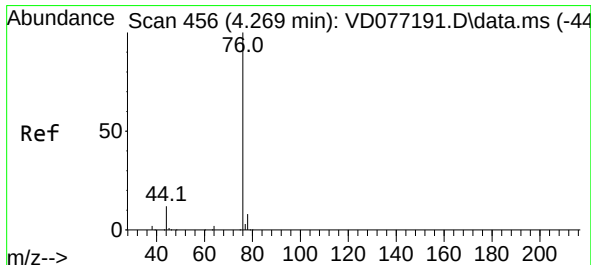
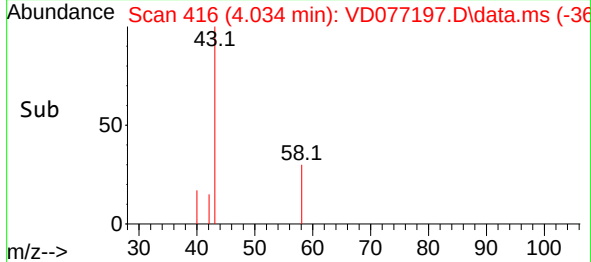
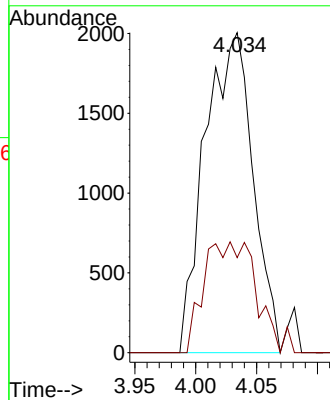
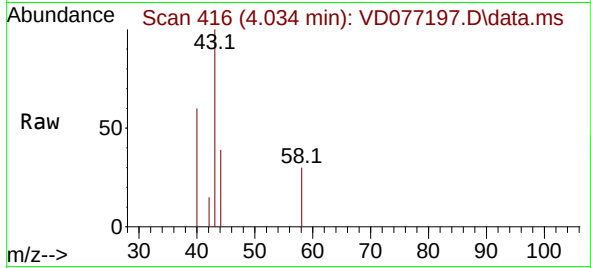
EZYK5RE

Tgt Ion: 43 Resp: 5498
 Ion Ratio Lower Upper
 43 100
 58 16.2 0.0 71.8

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#14

Carbon disulfide

Concen: 0.862 ug/L m

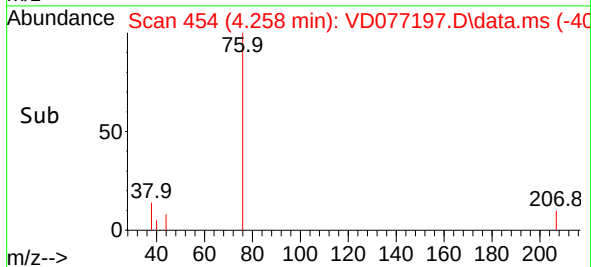
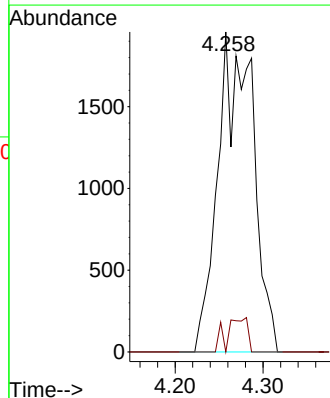
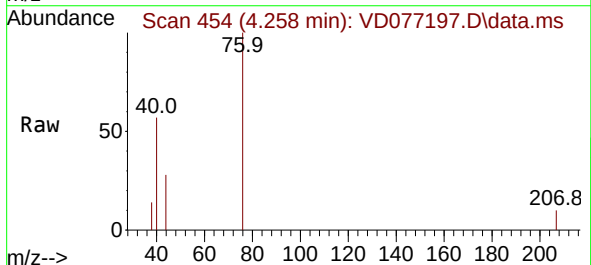
RT: 4.258 min Scan# 454

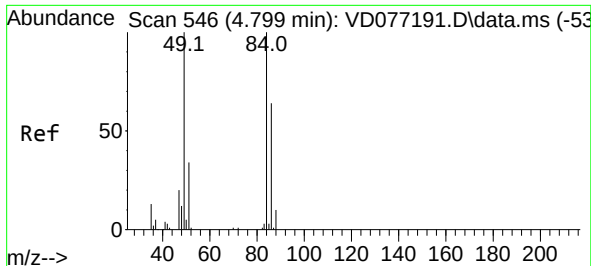
Delta R.T. -0.012 min

Lab File: VD077197.D

Acq: 22 Sep 2023 12:51

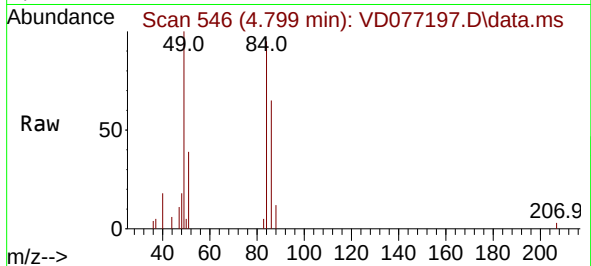
Tgt Ion: 76 Resp: 5445
 Ion Ratio Lower Upper
 76 100
 78 0.0 7.5 11.3#





#16
Methylene chloride
Concen: 5.675 ug/L m
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD077197.D
Acq: 22 Sep 2023 12:51

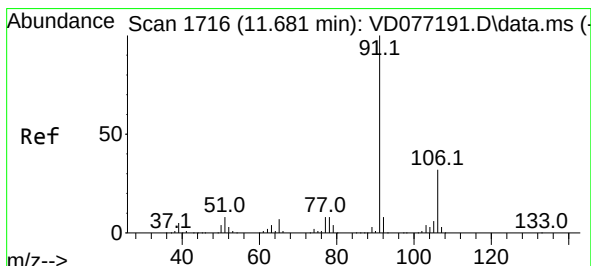
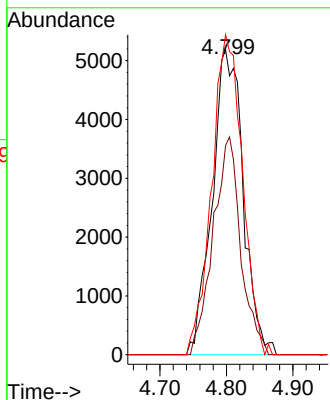
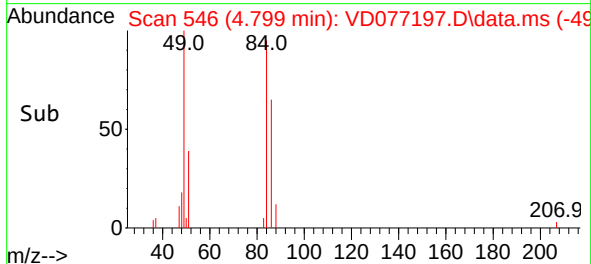
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EZYK5RE



Tgt Ion: 84 Resp: 1679
Ion Ratio Lower Upper
84 100
86 68.6 45.3 84.1
49 105.0 69.2 128.6

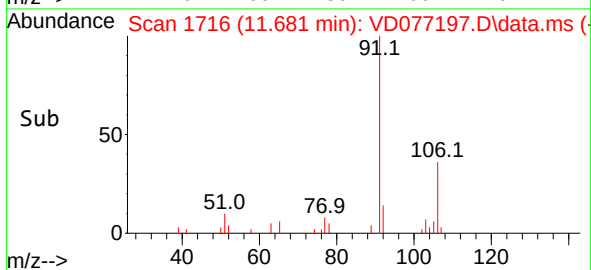
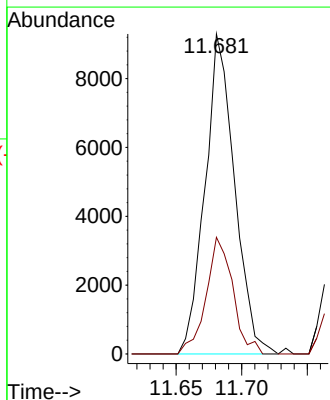
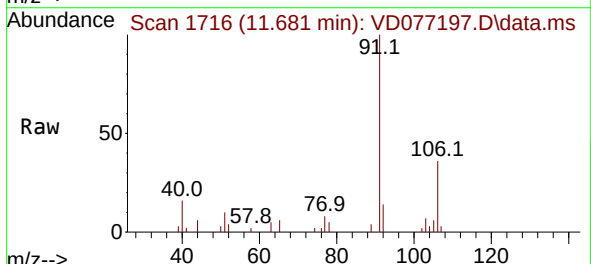
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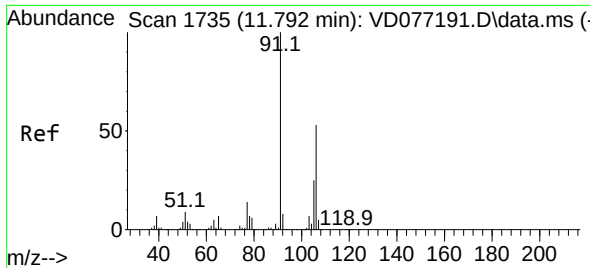
Reviewed By :Mahesh Dadoda 09/25/2023
Supervised By :Semsettin Yesilyurt 09/25/2023



#52
Ethylbenzene
Concen: 1.394 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077197.D
Acq: 22 Sep 2023 12:51

Tgt Ion: 91 Resp: 14578
Ion Ratio Lower Upper
91 100
106 36.4 22.1 41.1





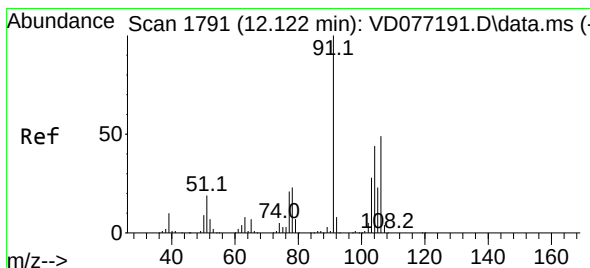
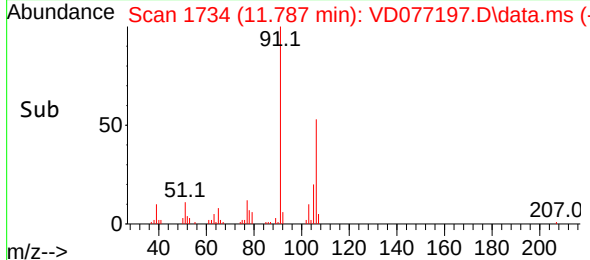
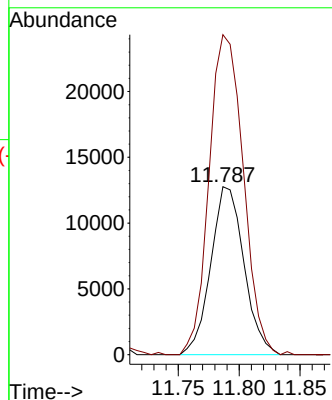
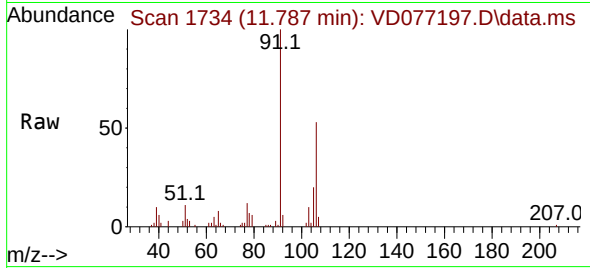
#53
m,p-Xylene
Concen: 5.996 ug/L
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD077197.D
Acq: 22 Sep 2023 12:51

Instrument :
MSVOA_D
ClientSampleId :
EZYK5RE

Tgt Ion:106 Resp: 2421
Ion Ratio Lower Upper
106 100
91 190.4 138.2 256.6

Manual Integrations
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#54
o-Xylene
Concen: 2.851 ug/L m
RT: 12.128 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VD077197.D
Acq: 22 Sep 2023 12:51

Tgt Ion:106 Resp: 11113
Ion Ratio Lower Upper
106 100
91 122.7 146.9 272.7#

