

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037613.D
 Acq On : 27 Sep 2024 17:46
 Operator : SY/MD
 Sample : P4184-16DL 100X
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY042DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/30/2024
 Supervised By :Mahesh Dadoda 09/30/2024

Quant Time: Sep 27 23:52:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 23:45:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	627831	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	605540	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	290881	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	217404	39.447	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.900%		
7) Chloroethane-d5	1.532	69	181966	42.536	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.080%		
11) 1,1-Dichloroethene-d2	2.060	65	98977	42.985	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.980%		
21) 2-Butanone-d5	3.793	46	182498	92.967	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.970%		
24) Chloroform-d	4.243	84	414829	42.306	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.620%		
26) 1,2-Dichloroethane-d4	4.937	65	251595	43.837	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.680%		
32) Benzene-d6	4.953	84	828760	43.737	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.480%		
36) 1,2-Dichloropropane-d6	5.982	67	266533	44.173	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.340%		
41) Toluene-d8	7.236	98	721590	41.997	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.000%		
43) trans-1,3-Dichloroprop...	7.551	79	110448	39.404	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.800%		
47) 2-Hexanone-d5	8.024	63	105233	82.595	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.590%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	301177	42.959	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.920%		
66) 1,2-Dichlorobenzene-d4	11.554	152	282822	46.142	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.280%		
Target Compounds						
19) 1,1-Dichloroethane	3.105	63	171846	20.284	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	371425	75.062	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	467151	62.637	ug/L	99
42) Toluene	7.323	91	25714	1.358	ug/L	99
53) m,p-Xylene	9.075	106	12391m	1.562	ug/L	
63) 1,2,4-Trimethylbenzene	10.850	105	41207	2.770	ug/L	98

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

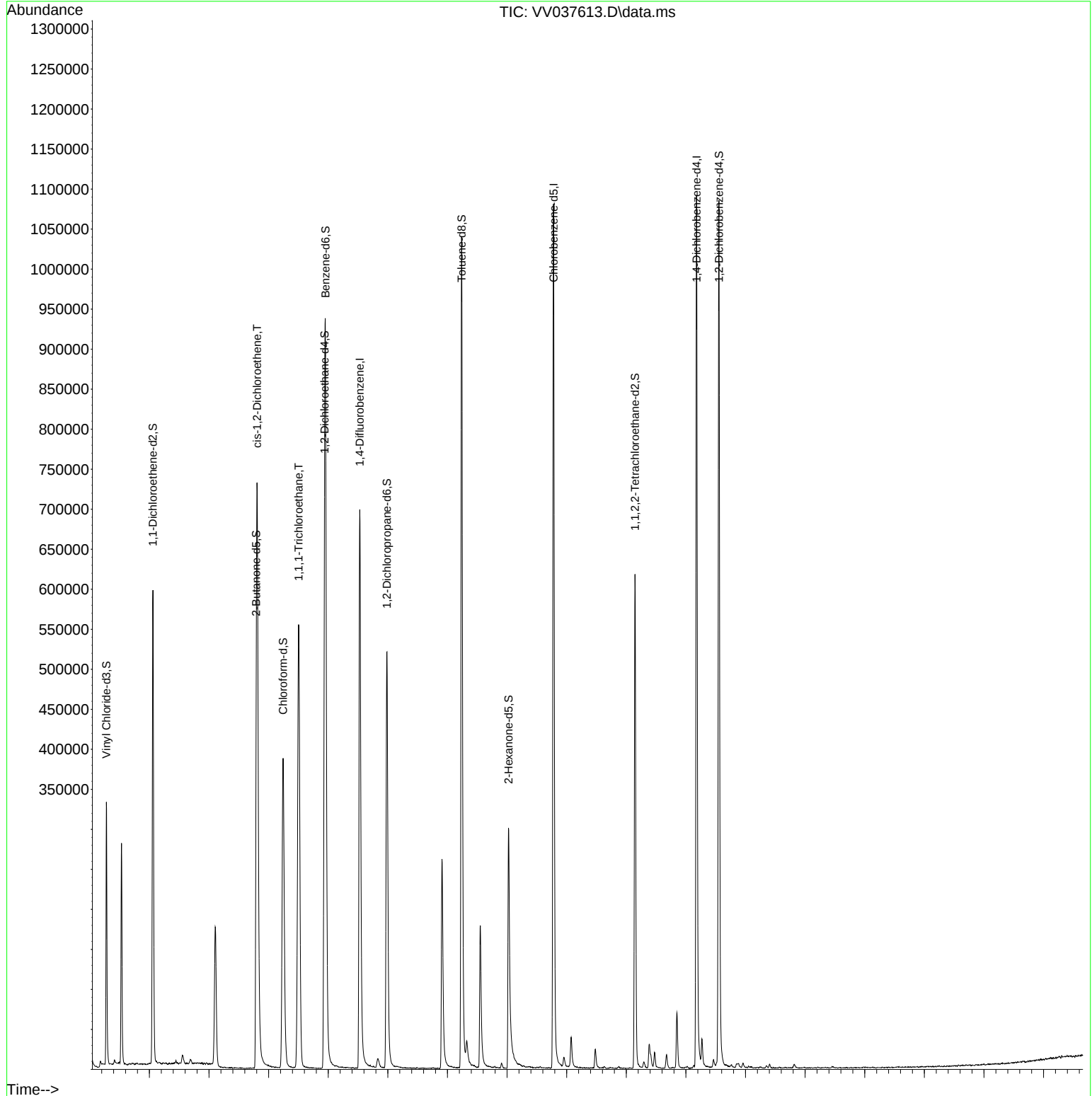
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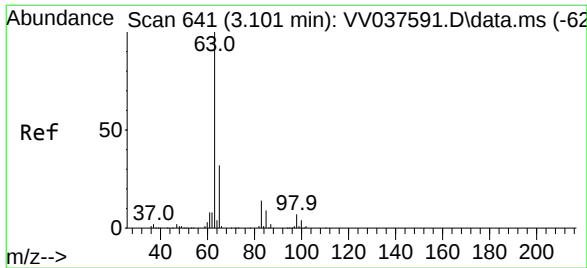
Instrument :
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Quant Time: Sep 27 23:52:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
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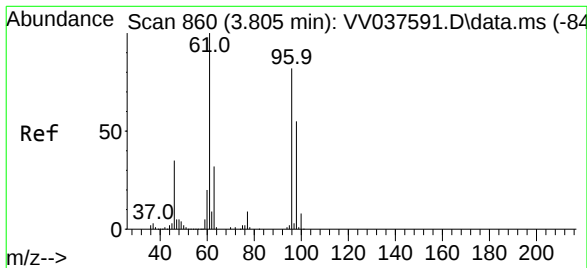
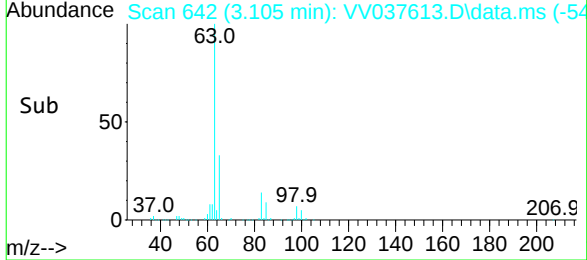
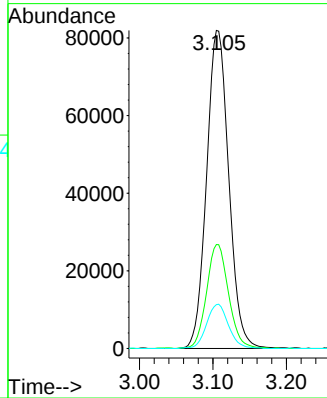
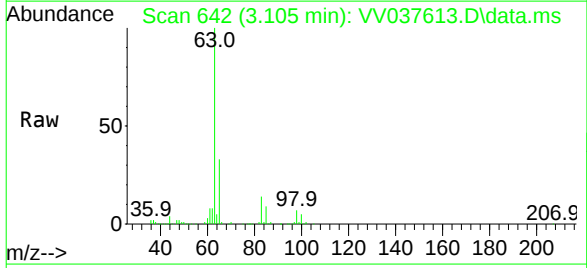
#19
1,1-Dichloroethane
Concen: 20.284 ug/L
RT: 3.105 min Scan# 641
Delta R.T. 0.003 min
Lab File: VV037613.D
Acq: 27 Sep 2024 17:46

Instrument :
MSVOA_V
ClientSampleId :
EY042DL

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.7	22.4	41.6
83	13.8	9.5	17.7

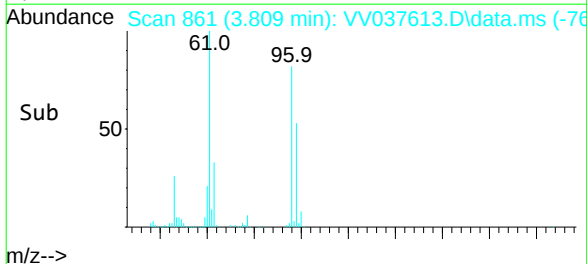
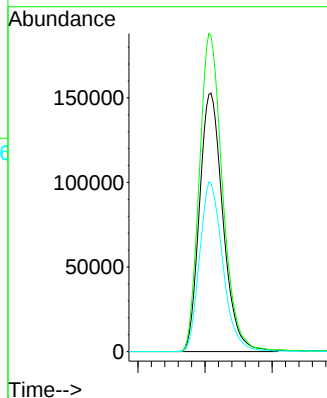
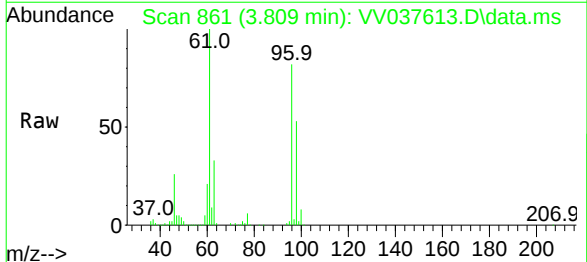
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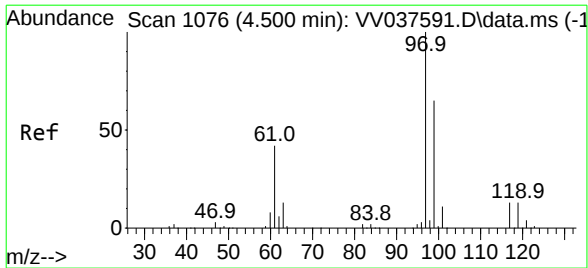
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Supervised By :Mahesh Dadoda 09/30/2024



#20
cis-1,2-Dichloroethene
Concen: 75.062 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV037613.D
Acq: 27 Sep 2024 17:46

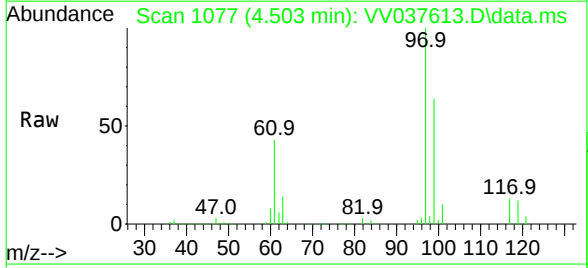
Tgt Ion	Ratio	Lower	Upper
96	100		
61	122.1	85.0	157.8
98	65.2	44.2	82.0





#30
1,1,1-Trichloroethane
Concen: 62.637 ug/L
RT: 4.503 min Scan# 1076
Delta R.T. 0.003 min
Lab File: VV037613.D
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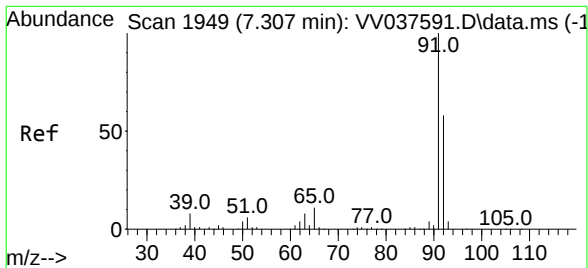
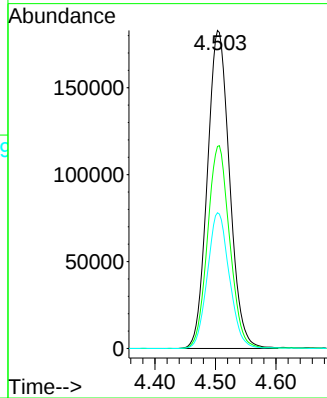
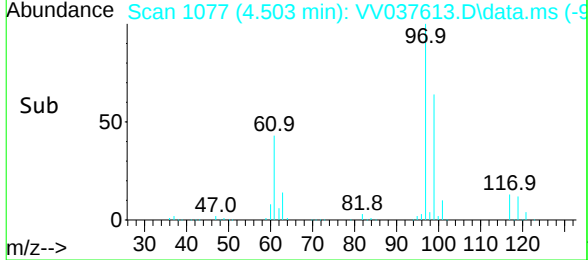
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Tgt Ion: 97 Resp: 467151
Ion Ratio Lower Upper
97 100
99 63.5 51.8 77.6
61 42.1 33.6 50.4

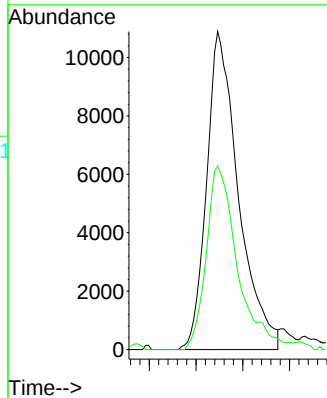
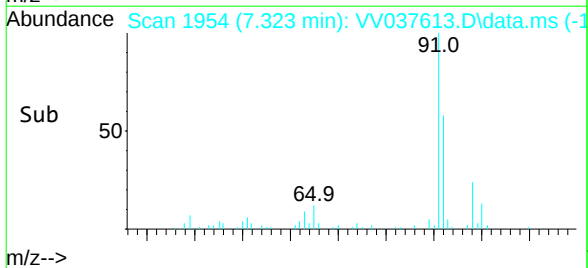
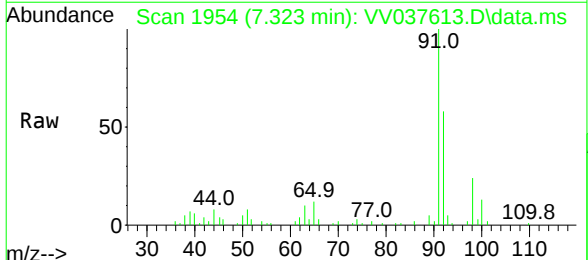
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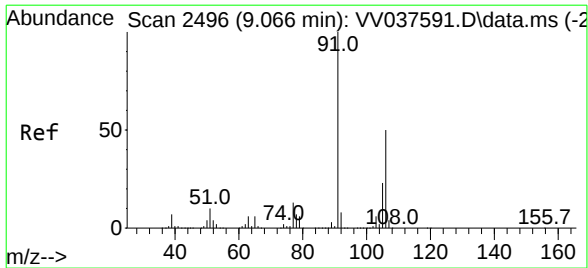
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Supervised By :Mahesh Dadoda 09/30/2024



#42
Toluene
Concen: 1.358 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.016 min
Lab File: VV037613.D
Acq: 27 Sep 2024 17:46

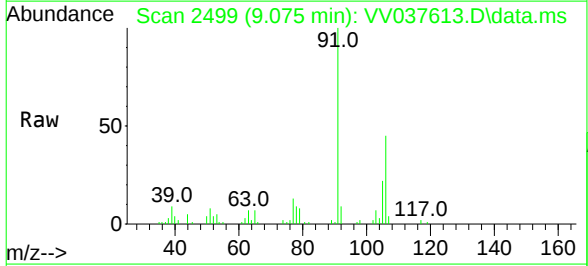
Tgt Ion: 91 Resp: 25714
Ion Ratio Lower Upper
91 100
92 57.7 41.1 76.3





#53
m,p-Xylene
Concen: 1.562 ug/L m
RT: 9.075 min Scan# 2496
Delta R.T. 0.010 min
Lab File: VV037613.D
Acq: 27 Sep 2024 17:46

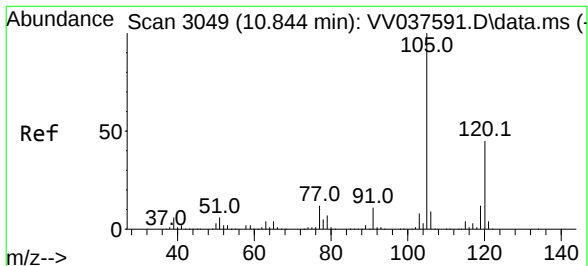
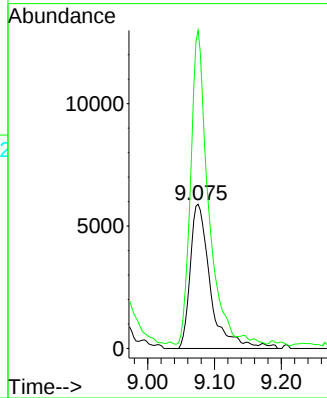
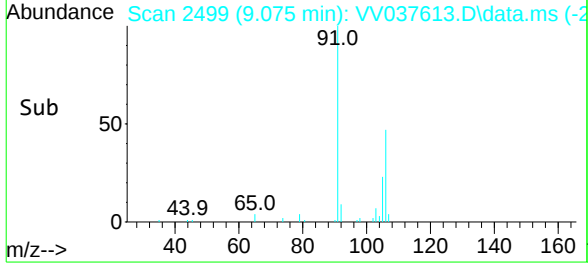
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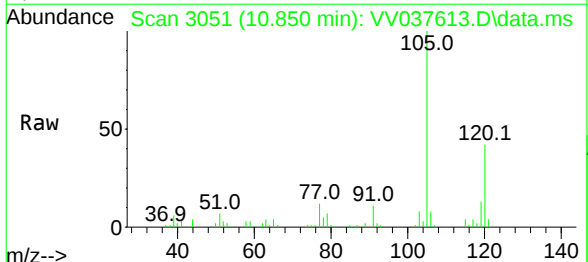
Tgt Ion:106 Resp: 12391
Ion Ratio Lower Upper
106 100
91 220.5 142.0 263.6

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#63
1,2,4-Trimethylbenzene
Concen: 2.770 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.007 min
Lab File: VV037613.D
Acq: 27 Sep 2024 17:46



Tgt Ion:105 Resp: 41207
Ion Ratio Lower Upper
105 100
120 43.7 36.2 54.2

