

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
 Data File : VU053501.D
 Acq On : 31 Mar 2023 18:58
 Operator : JC/MD
 Sample : 02121-07ME
 Misc : 5.46g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C1180ME

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023

Quant Time: Apr 01 05:09:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.240	114	251137	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	246529	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	145147	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	137887	70.512	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 141.020%#			
7) Chloroethane-d5	1.871	69	39318	26.077	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 52.160%#			
11) 1,1-Dichloroethene-d2	2.543	63	180078	59.489	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 118.980%			
21) 2-Butanone-d5	4.620	46	155135	175.221	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 175.220%#			
24) Chloroform-d	5.054	84	238209	73.656	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 147.320%#			
26) 1,2-Dichloroethane-d4	5.694	65	154617	80.908	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 161.820%#			
32) Benzene-d6	5.716	84	506896	76.174	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 152.340%#			
36) 1,2-Dichloropropane-d6	6.684	67	153671	75.552	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 151.100%#			
41) Toluene-d8	7.893	98	506464	76.575	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 153.140%#			
43) trans-1,3-Dichloroprop...	8.176	79	80481	76.654	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 153.300%#			
47) 2-Hexanone-d5	8.639	63	138121	198.973	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 198.970%#			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	249914	87.176	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 174.360%#			
66) 1,2-Dichlorobenzene-d4	12.192	152	242451	80.024	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 160.040%#			
Target Compounds						
5) Vinyl chloride	1.600	62	12350	6.362	ug/L #	72
13) Acetone	2.629	43	3372m	4.238	ug/L	
17) trans-1,2-Dichloroethene	3.337	96	15030	9.705	ug/L	95
20) cis-1,2-Dichloroethene	4.652	96	791775	442.623	ug/L	97
25) Chloroform	5.079	83	8946	3.040	ug/L	97
53) m,p-Xylene	9.690	106	5370	1.695	ug/L	97
54) o-xylene	10.102	106	4459	1.423	ug/L	88

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

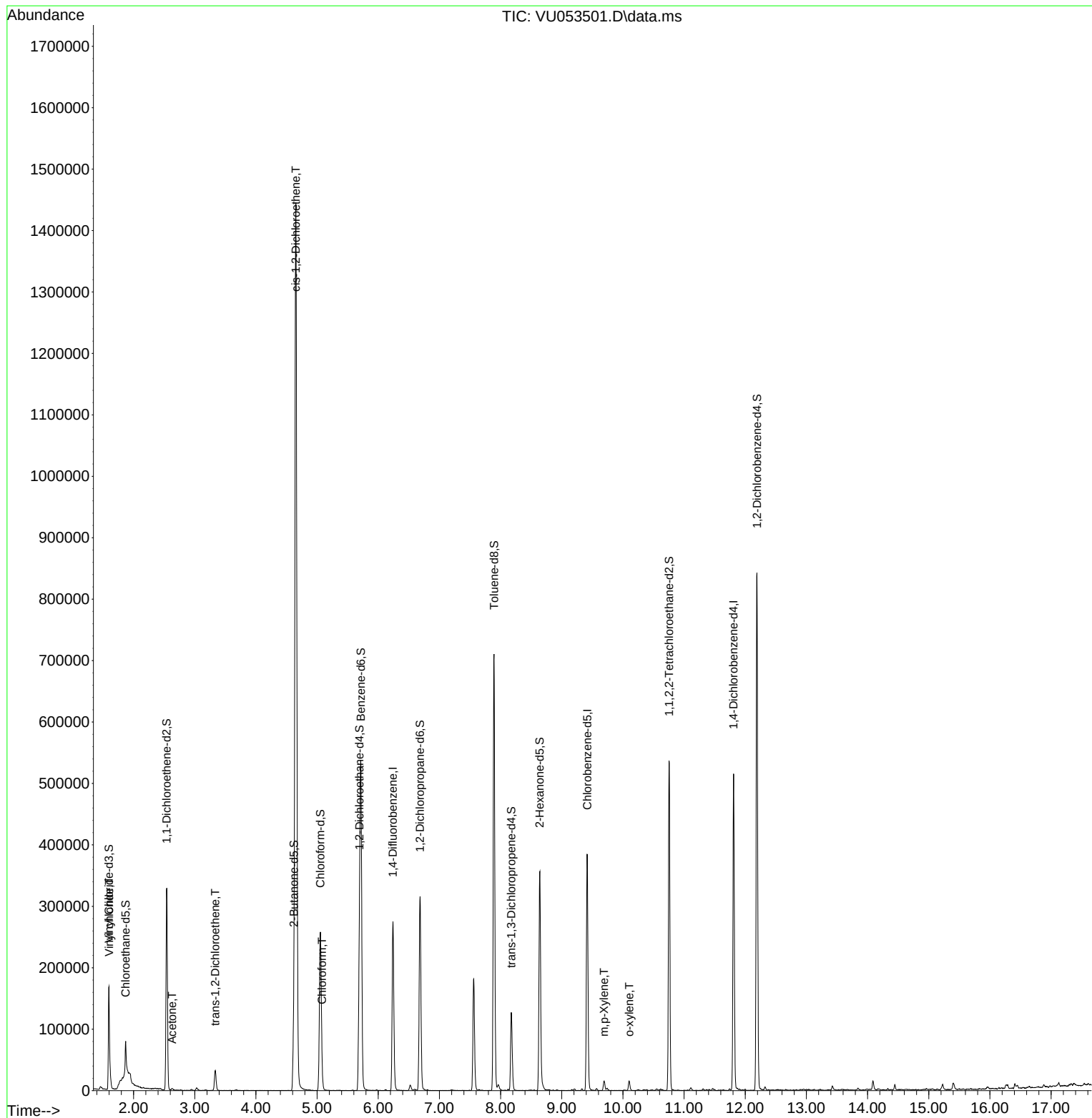
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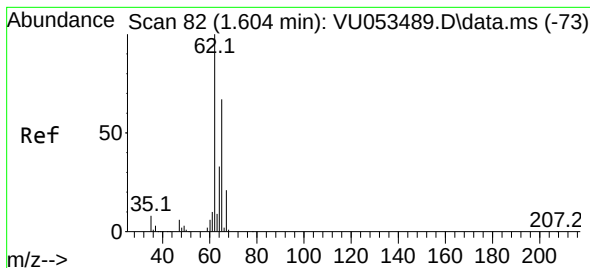
Instrument :
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Quant Title : VOC Analysis
QLast Update : Sat Apr 01 04:51:17 2023
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 6.362 ug/L

RT: 1.600 min Scan# 81

Delta R.T. -0.003 min

Lab File: VU053501.D

Acq: 31 Mar 2023 18:58

Instrument :

MSVOA_U

ClientSampleId :

C1180ME

Tgt Ion: 62 Resp: 12350

Ion Ratio Lower Upper

62 100

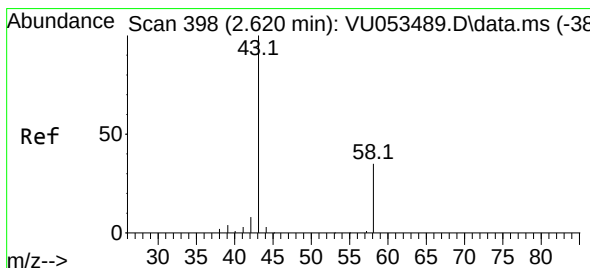
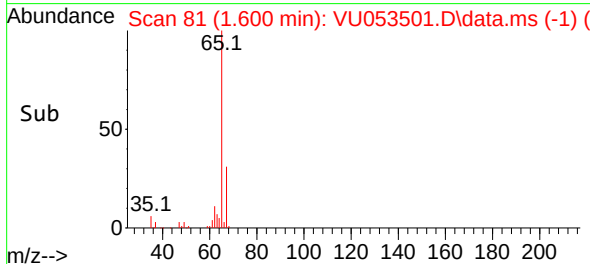
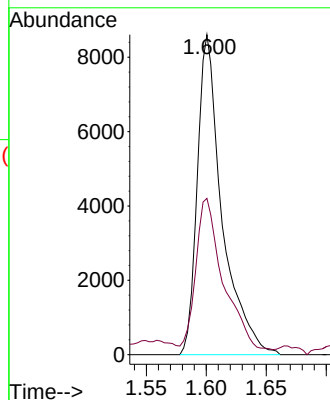
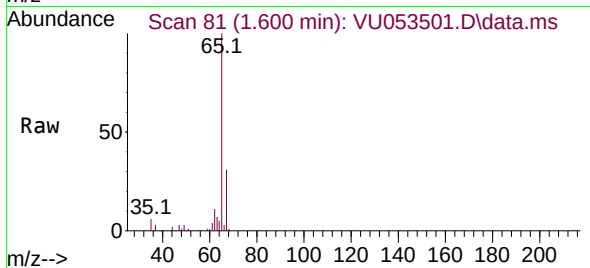
64 48.9 23.2 43.0

Manual Integrations

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#13

Acetone

Concen: 4.238 ug/L m

RT: 2.629 min Scan# 401

Delta R.T. 0.010 min

Lab File: VU053501.D

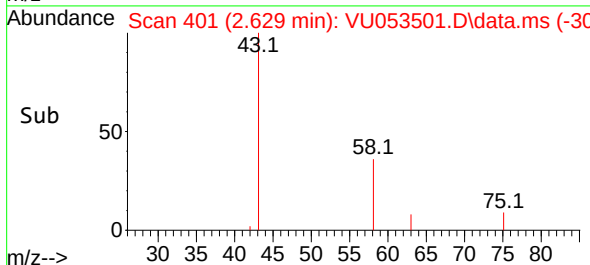
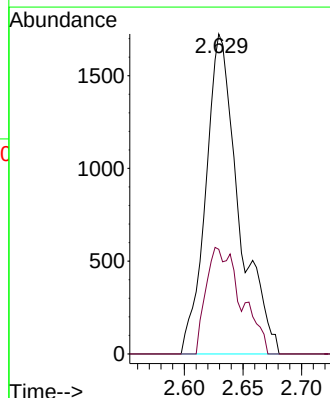
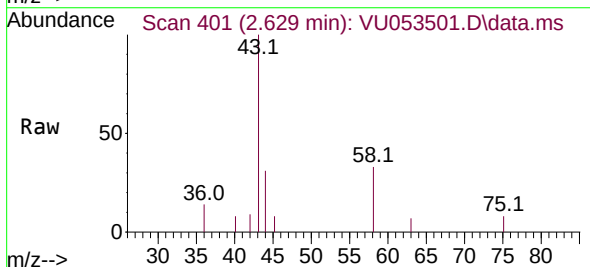
Acq: 31 Mar 2023 18:58

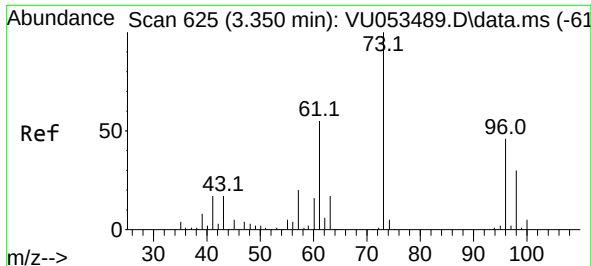
Tgt Ion: 43 Resp: 3372

Ion Ratio Lower Upper

43 100

58 17.2 0.0 70.2





#17

trans-1,2-Dichloroethene

Concen: 9.705 ug/L

RT: 3.337 min Scan# 61

Delta R.T. -0.013 min

Lab File: VU053501.D

Acq: 31 Mar 2023 18:58

Instrument :

MSVOA_U

ClientSampleId :

C1180ME

Tgt Ion: 96 Resp: 15030

Ion Ratio Lower Upper

96 100

61 116.2 84.4 156.8

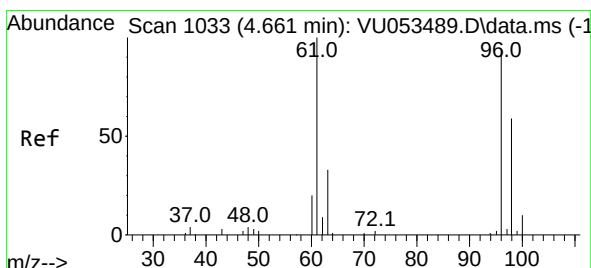
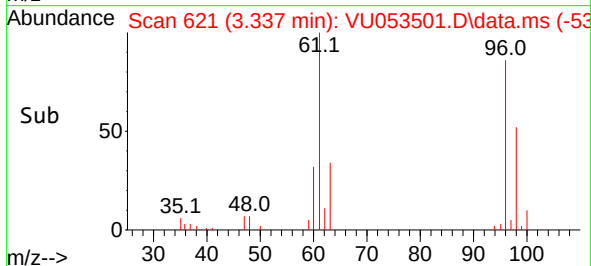
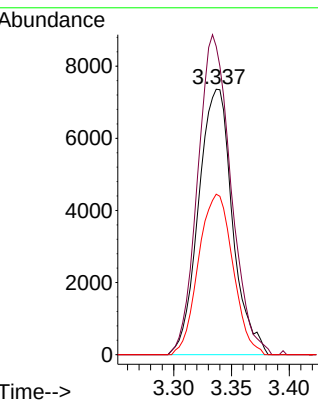
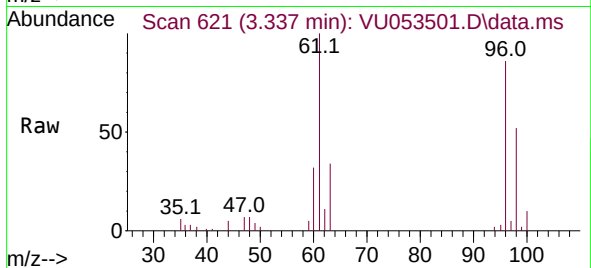
98 60.5 46.0 85.4

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#20

cis-1,2-Dichloroethene

Concen: 442.623 ug/L

RT: 4.652 min Scan# 1030

Delta R.T. -0.010 min

Lab File: VU053501.D

Acq: 31 Mar 2023 18:58

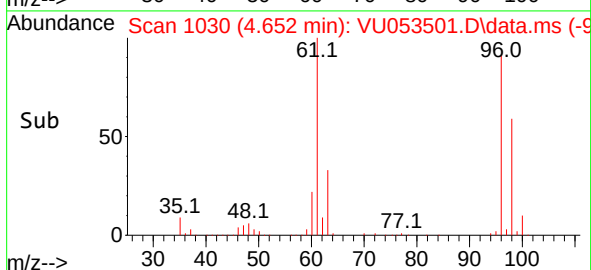
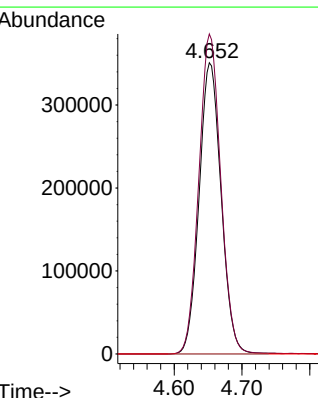
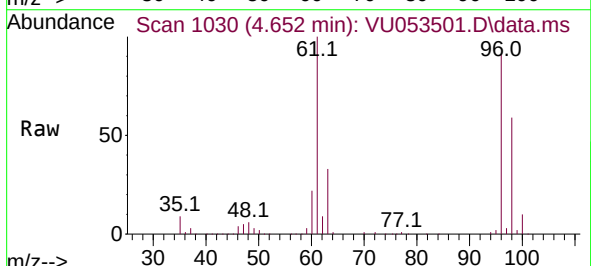
Tgt Ion: 96 Resp: 791775

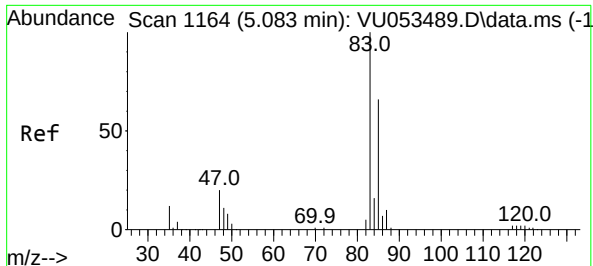
Ion Ratio Lower Upper

96 100

61 109.9 74.7 138.7

68 0.0 0.0 0.0





#25

Chloroform

Concen: 3.040 ug/L

RT: 5.079 min Scan# 1164

Delta R.T. -0.003 min

Lab File: VU053501.D

Acq: 31 Mar 2023 18:58

Instrument :

MSVOA_U

ClientSampleId :

C1180ME

Tgt Ion: 83 Resp: 8940

Ion Ratio Lower Upper

83 100

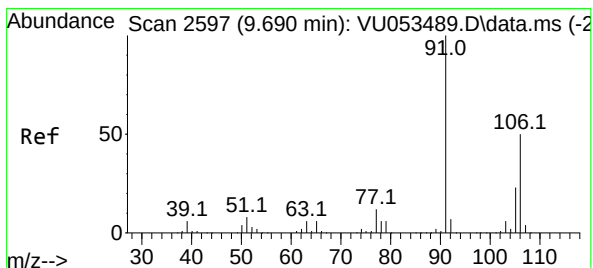
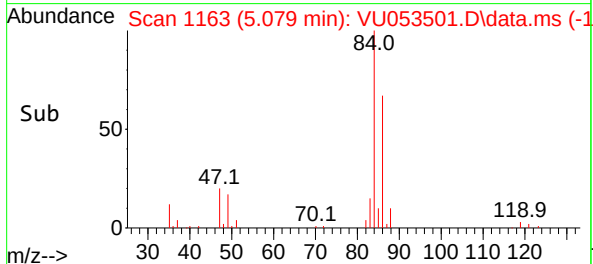
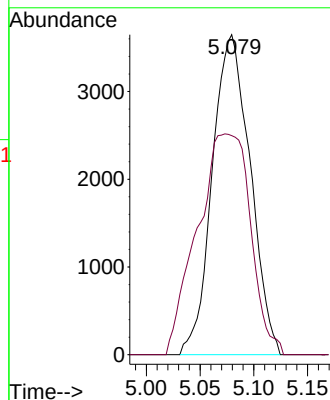
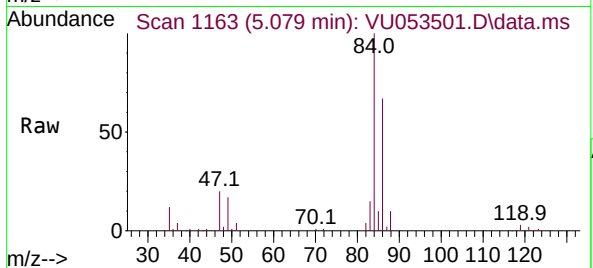
85 68.5 46.1 85.5

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#53

m,p-Xylene

Concen: 1.695 ug/L

RT: 9.690 min Scan# 2597

Delta R.T. 0.000 min

Lab File: VU053501.D

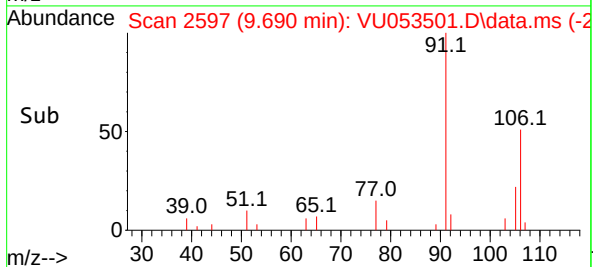
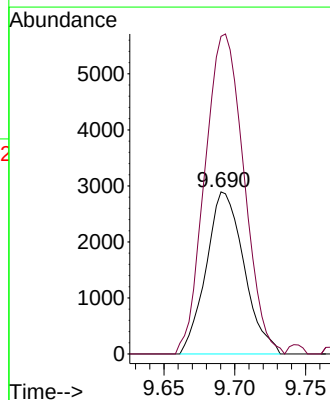
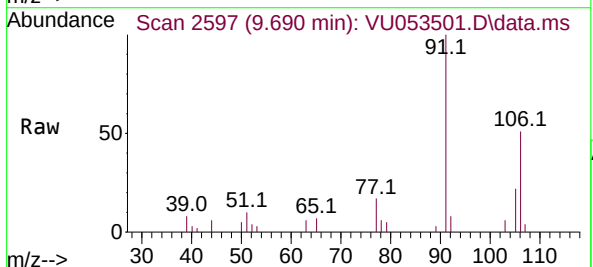
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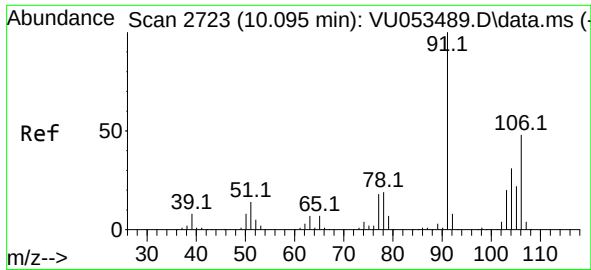
Tgt Ion:106 Resp: 5370

Ion Ratio Lower Upper

106 100

91 195.9 140.0 260.0





#54

o-xylene

Concen: 1.423 ug/L

RT: 10.102 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU053501.D

Acq: 31 Mar 2023 18:58

Instrument :

MSVOA_U

ClientSampleId :

C1180ME

Tgt Ion:106 Resp: 4459

Ion Ratio Lower Upper

106 100

91 188.7 144.9 269.1

Manual Integrations

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