

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051022\
 Data File : VU048482.D
 Acq On : 10 May 2022 11:44
 Operator : SY/MD
 Sample : N2708-07ME
 Misc : 4.78g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXL33ME

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/13/2022
 Supervised By : Mahesh Dadoda 05/13/2022

Quant Time: May 11 05:21:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 11 05:17:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	375173	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	331992	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	190514	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	99907	30.921	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	61.840%		
7) Chloroethane-d5	1.874	69	69992m	33.192	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	66.380%#		
11) 1,1-Dichloroethene-d2	2.536	63	173054m	30.094	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.180%		
21) 2-Butanone-d5	4.632	46	222323	80.795	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	80.800%		
24) Chloroform-d	5.060	84	212110	37.795	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	75.580%		
26) 1,2-Dichloroethane-d4	5.700	65	141498	38.787	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.580%		
32) Benzene-d6	5.719	84	405488	40.193	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.380%		
36) 1,2-Dichloropropane-d6	6.687	67	124346	37.797	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	75.600%		
41) Toluene-d8	7.896	98	308216	34.544	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	69.080%#		
43) trans-1,3-Dichloroprop...	8.182	79	57487	37.965	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.940%		
47) 2-Hexanone-d5	8.655	63	131447	82.551	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.550%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	176742	35.269	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	70.540%		
66) 1,2-Dichlorobenzene-d4	12.195	152	136329	36.138	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	72.280%#		
Target Compounds						Qvalue
13) Acetone	2.639	43	56885	27.420	ug/L	98
15) Methyl Acetate	2.954	43	32159	7.567	ug/L	99
22) 2-Butanone	4.710	43	298866	96.373	ug/L	96
35) Methylcyclohexane	6.755	83	7348	1.639	ug/L #	88
46) Tetrachloroethene	8.555	164	3738	1.771	ug/L	83
53) m,p-Xylene	9.693	106	3979	0.839	ug/L	96

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

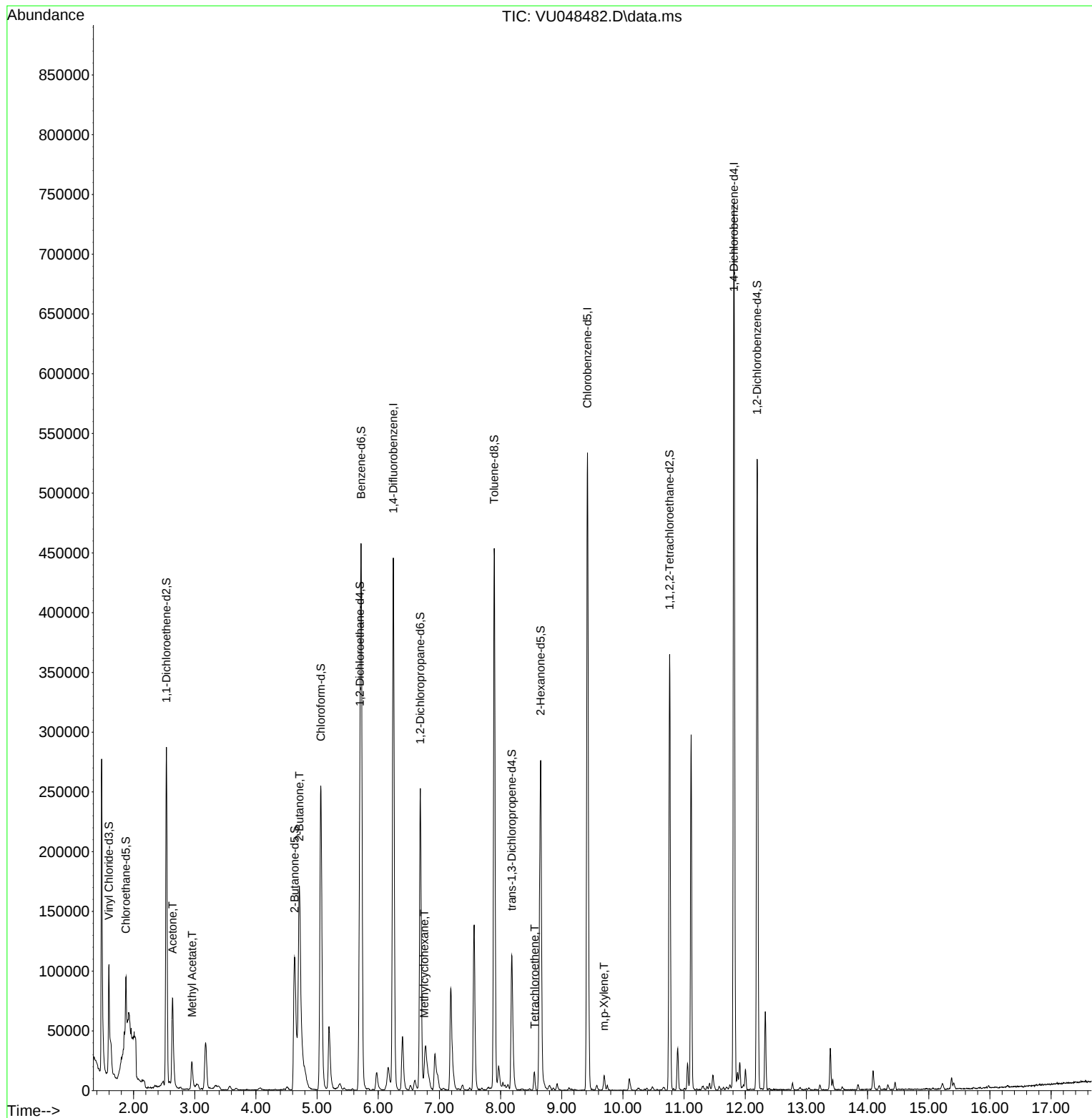
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051022\
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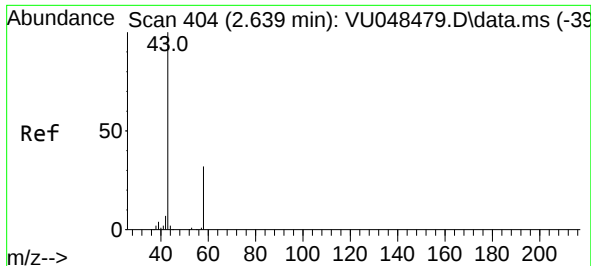
Instrument :
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Quant Time: May 11 05:21:26 2022
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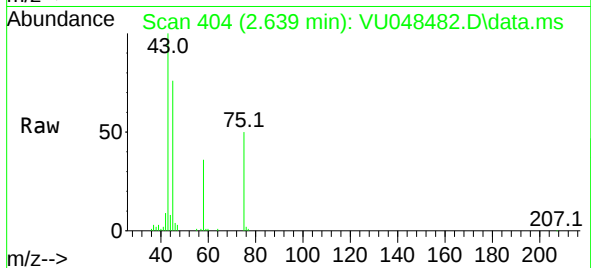
Reviewed By : John Carlone 05/13/2022
Supervised By : Mahesh Dadoda 05/13/2022





#13
Acetone
Concen: 27.420 ug/L
RT: 2.639 min Scan# 404
Delta R.T. -0.000 min
Lab File: VU048482.D
Acq: 10 May 2022 11:44

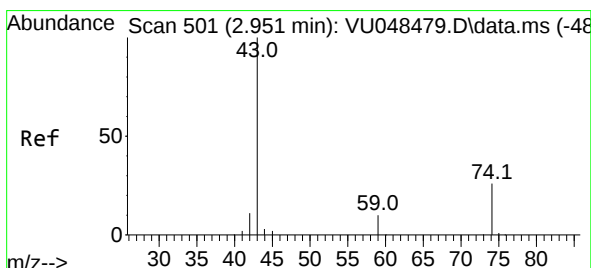
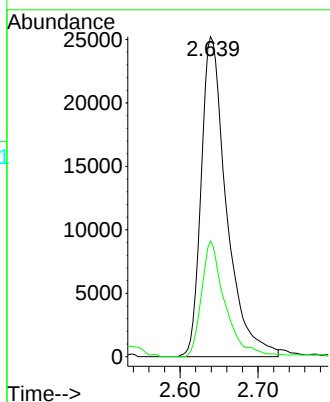
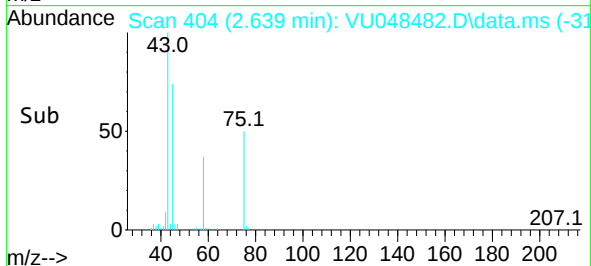
Instrument :
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ClientSampleId :
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Tgt Ion: 43 Resp: 5688
Ion Ratio Lower Upper
43 100
58 32.0 0.0 66.2

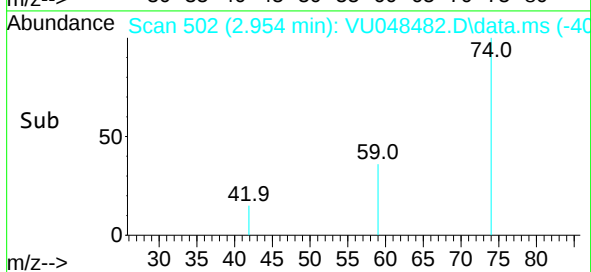
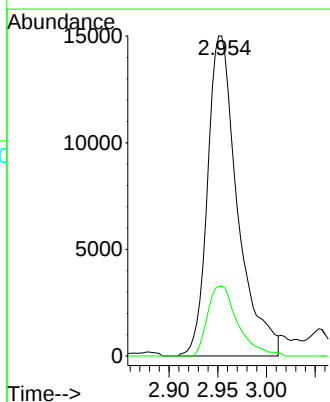
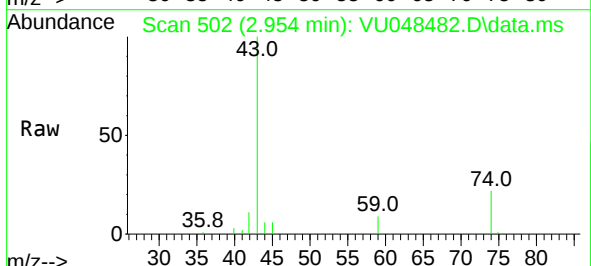
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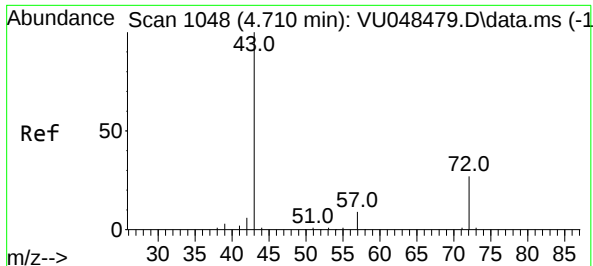
Reviewed By :John Carlone 05/13/2022
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#15
Methyl Acetate
Concen: 7.567 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.003 min
Lab File: VU048482.D
Acq: 10 May 2022 11:44

Tgt Ion: 43 Resp: 32159
Ion Ratio Lower Upper
43 100
74 21.7 17.6 26.4





#22

2-Butanone

Concen: 96.373 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. -0.000 min

Lab File: VU048482.D

Acq: 10 May 2022 11:44

Instrument :

MSVOA_U

ClientSampleId :

EXL33ME

Tgt Ion: 43 Resp: 29886

Ion Ratio Lower Upper

43 100

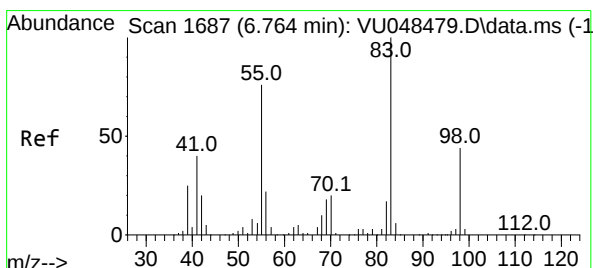
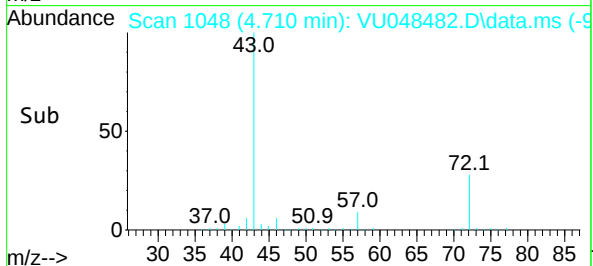
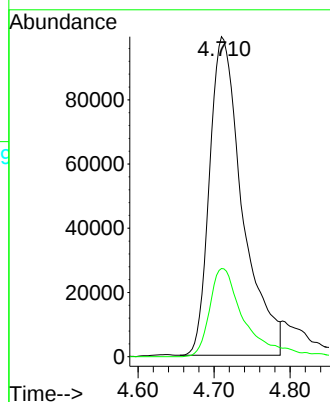
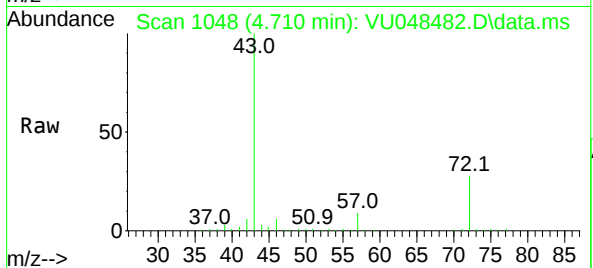
72 28.8 13.3 39.9

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#35

Methylcyclohexane

Concen: 1.639 ug/L

RT: 6.755 min Scan# 1684

Delta R.T. -0.010 min

Lab File: VU048482.D

Acq: 10 May 2022 11:44

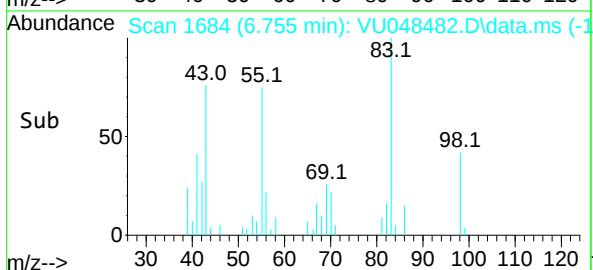
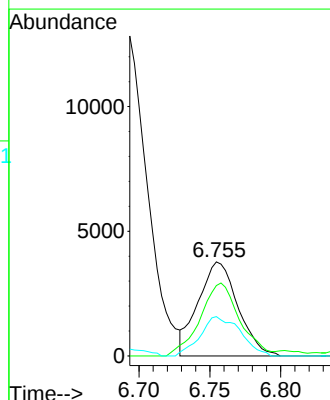
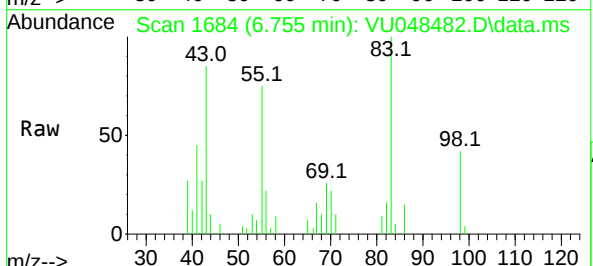
Tgt Ion: 83 Resp: 7348

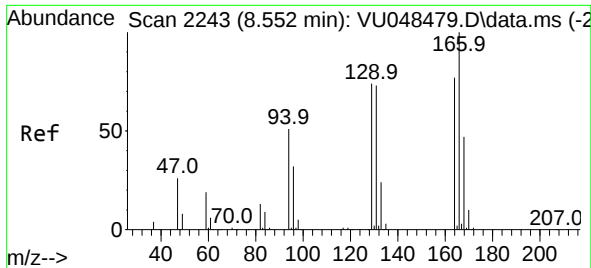
Ion Ratio Lower Upper

83 100

55 77.3 63.4 95.2

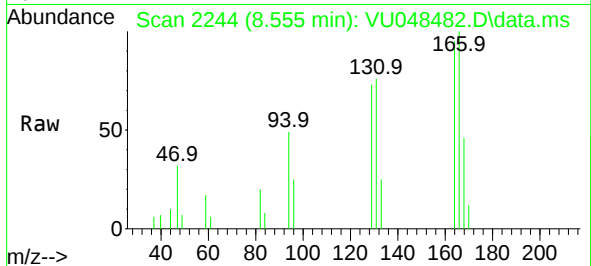
98 26.4 35.9 53.9#





#46
Tetrachloroethene
Concen: 1.771 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048482.D
Acq: 10 May 2022 11:44

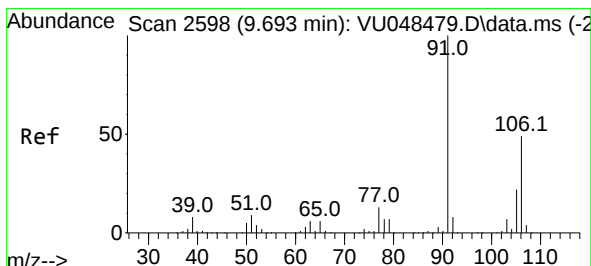
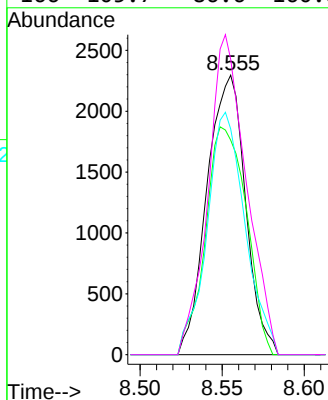
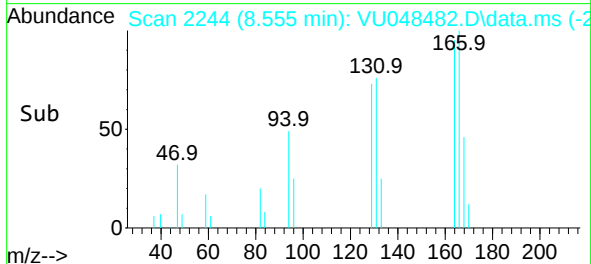
Instrument :
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EXL33ME



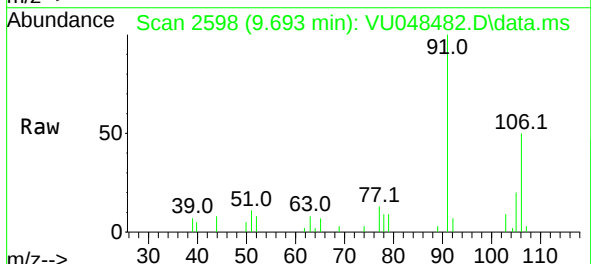
Tgt Ion:164 Resp: 3738
Ion Ratio Lower Upper
164 100
129 76.8 69.2 128.6
131 80.8 65.2 121.0
166 105.7 86.6 160.8

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#53
m,p-Xylene
Concen: 0.839 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU048482.D
Acq: 10 May 2022 11:44



Tgt Ion:106 Resp: 3979
Ion Ratio Lower Upper
106 100
91 199.1 144.1 267.7

