

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
 Data File : VU045191.D
 Acq On : 06 Oct 2021 17:25
 Operator : SY/MD
 Sample : M3973-22ME
 Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW8Y6ME

Manual Integrations
 APPROVED

MMDadoda
 10/11/2021 12:35:25 PM

Quant Time: Oct 07 03:03:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 03:00:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	61518	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	61079	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	33622	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	138382	205.484	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 410.960%#			
7) Chloroethane-d5	1.871	69	45996	86.190	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 172.380%#			
11) 1,1-Dichloroethene-d2	2.520	63	199580	176.472	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery = 352.940%#			
21) 2-Butanone-d5	4.649	46	251904	473.143	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 473.140%#			
24) Chloroform-d	5.067	84	251886	236.817	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 473.640%#			
26) 1,2-Dichloroethane-d4	5.703	65	181491	251.909	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 503.820%#			
32) Benzene-d6	5.722	84	535634	252.727	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 505.460%#			
36) 1,2-Dichloropropane-d6	6.693	67	176235	255.016	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 510.040%#			
41) Toluene-d8	7.902	98	482934	264.039	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 528.080%#			
43) trans-1,3-Dichloroprop...	8.185	79	81152	263.988	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 527.980%#			
47) 2-Hexanone-d5	8.652	63	195534	510.570	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 510.570%#			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	274696	255.264	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 510.520%#			
66) 1,2-Dichlorobenzene-d4	12.198	152	181664	248.274	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 496.540%#			
Target Compounds						Qvalue
15) Methyl Acetate	2.967	43	1738	2.290	ug/L #	83
16) Methylene chloride	3.028	84	2699	4.472	ug/L	98
29) Cyclohexane	5.366	56	2543m	2.770	ug/L	
35) Methylcyclohexane	6.758	83	22821	25.051	ug/L	87
42) Toluene	7.973	91	7603	3.303	ug/L	96
61) Isopropylbenzene	10.491	105	24984m	10.154	ug/L	

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

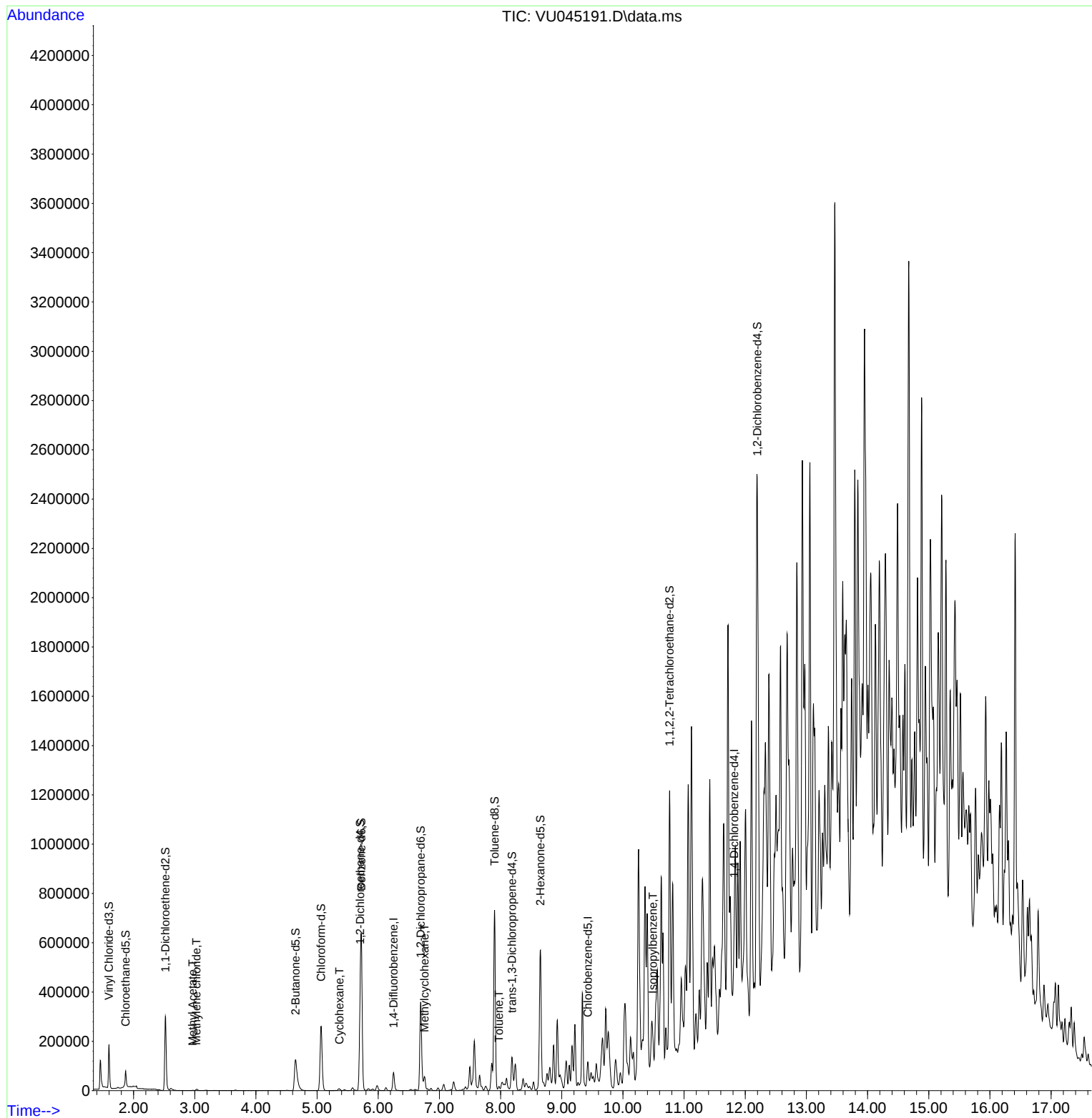
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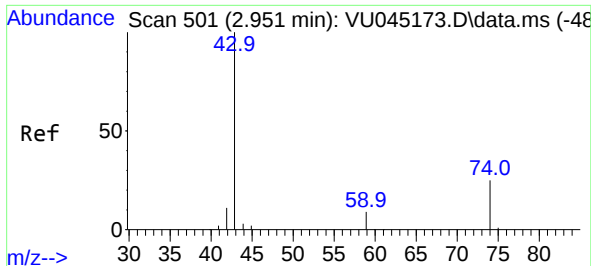
Instrument :
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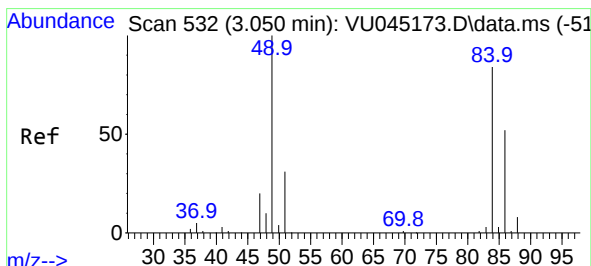
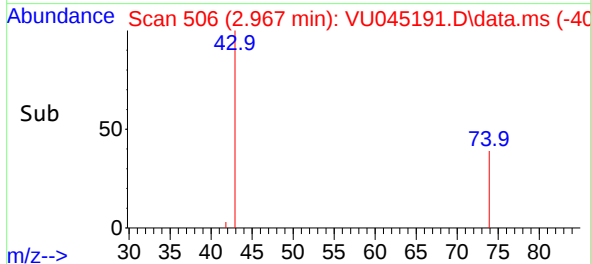
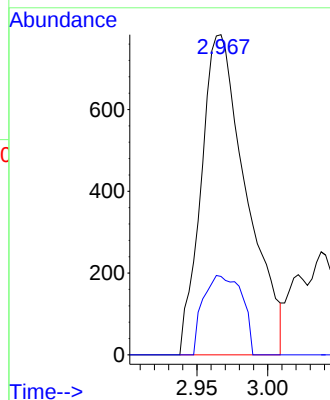
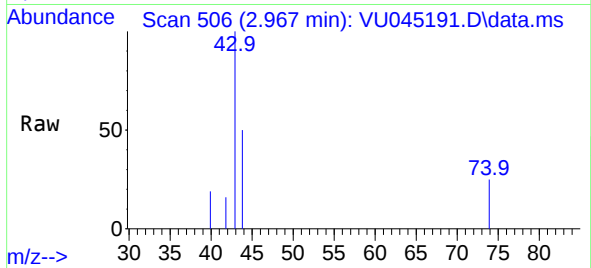
#15
Methyl Acetate
Concen: 2.290 ug/L
RT: 2.967 min Scan# 506
Delta R.T. 0.016 min
Lab File: VU045191.D
Acq: 06 Oct 2021 17:25

Tgt Ion: 43 Resp: 1738
Ion Ratio Lower Upper
43 100
74 14.6 18.4 27.6#

Instrument :
MSVOA_U
ClientSampled :
EW8Y6ME

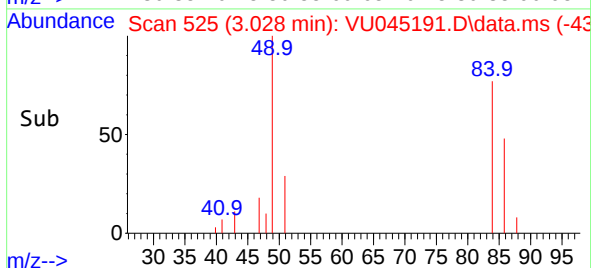
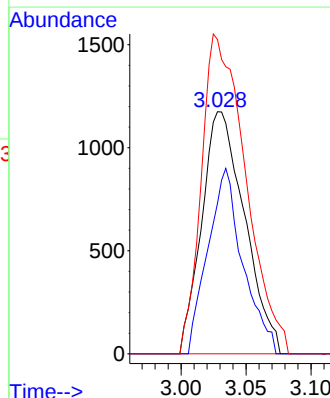
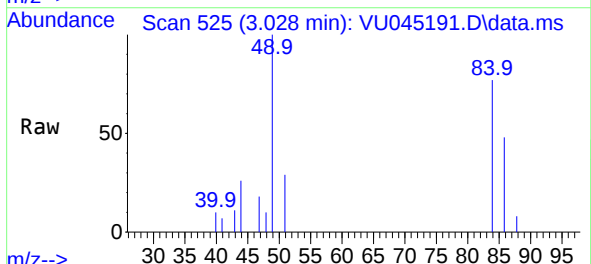
Manual Integrations
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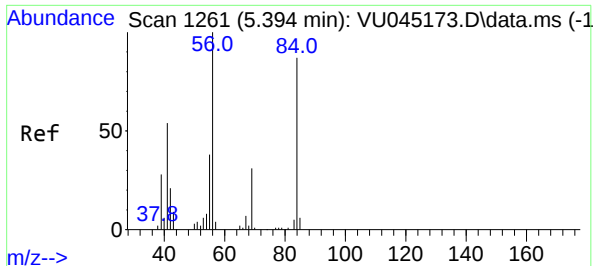
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#16
Methylene chloride
Concen: 4.472 ug/L
RT: 3.028 min Scan# 525
Delta R.T. -0.022 min
Lab File: VU045191.D
Acq: 06 Oct 2021 17:25

Tgt Ion: 84 Resp: 2699
Ion Ratio Lower Upper
84 100
86 62.1 44.7 83.1
49 129.8 92.9 172.5





#29

Cyclohexane

Concen: 2.770 ug/L m

RT: 5.366 min Scan# 1252

Delta R.T. -0.029 min

Lab File: VU045191.D

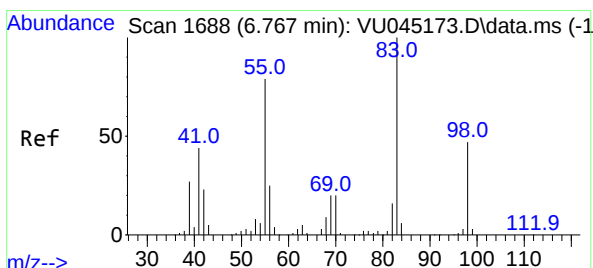
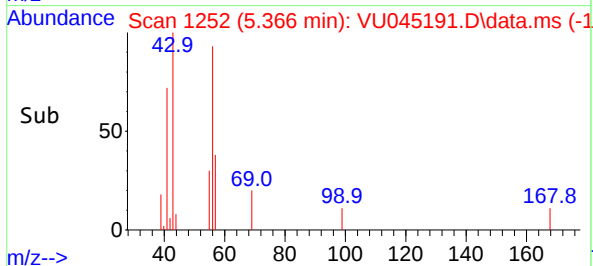
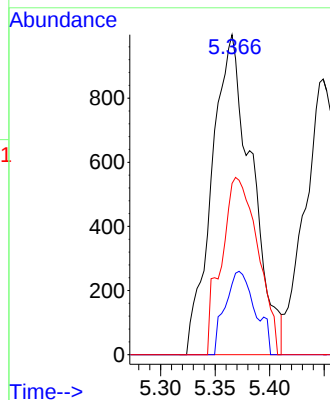
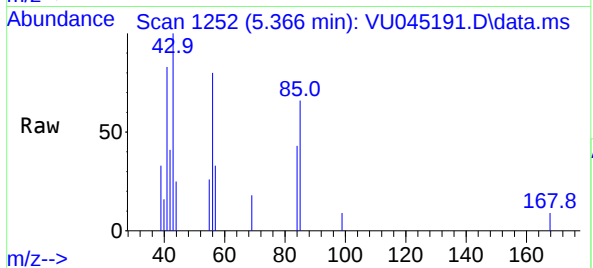
Acq: 06 Oct 2021 17:25

Tgt Ion:	56	Resp:	2543
Ion Ratio	Lower	Upper	
56	100		
69	17.8	23.8	35.8#
84	45.1	66.8	100.2#

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#35

Methylcyclohexane

Concen: 25.051 ug/L

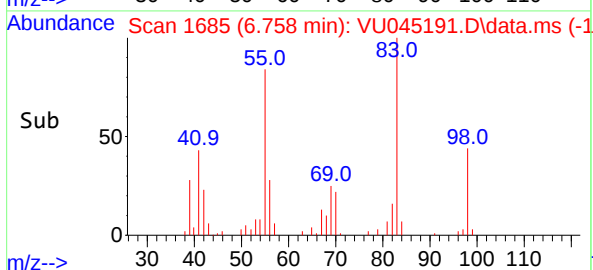
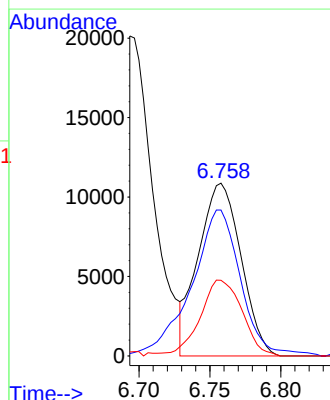
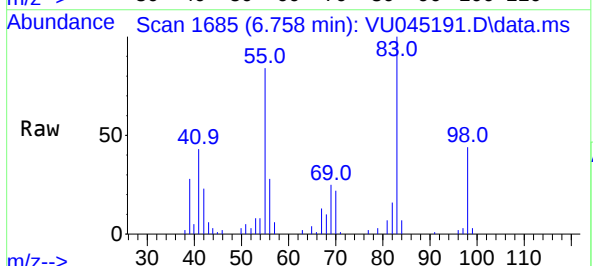
RT: 6.758 min Scan# 1685

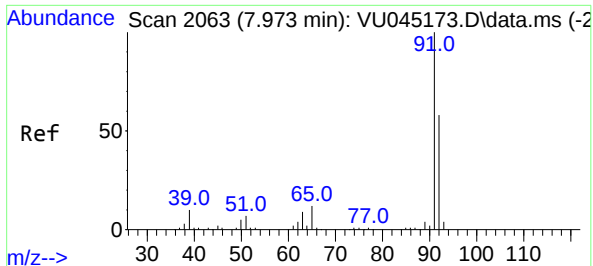
Delta R.T. -0.010 min

Lab File: VU045191.D

Acq: 06 Oct 2021 17:25

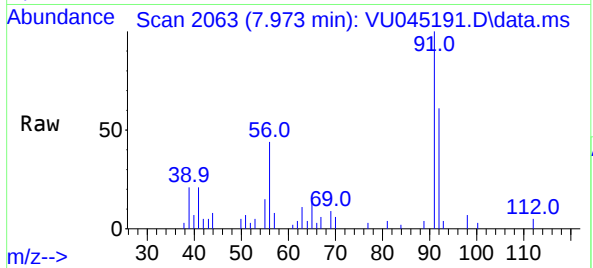
Tgt Ion:	83	Resp:	22821
Ion Ratio	Lower	Upper	
83	100		
55	97.4	65.8	98.6
98	42.8	37.1	55.7





#42
Toluene
Concen: 3.303 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045191.D
Acq: 06 Oct 2021 17:25

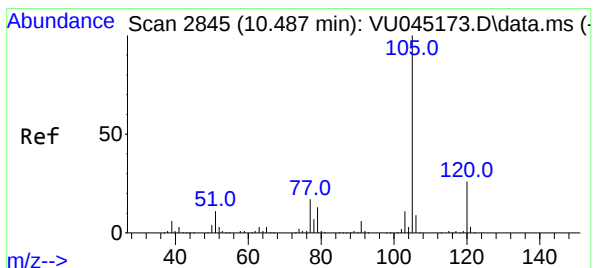
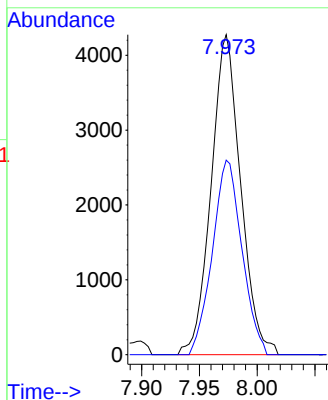
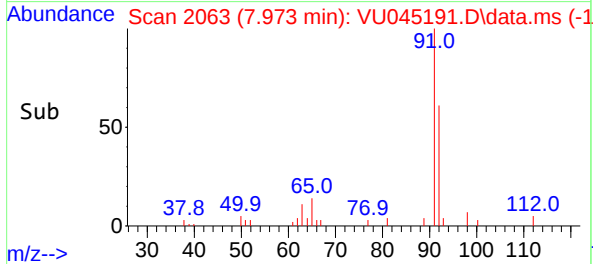
Instrument :
MSVOA_U
ClientSampleId :
EW8Y6ME



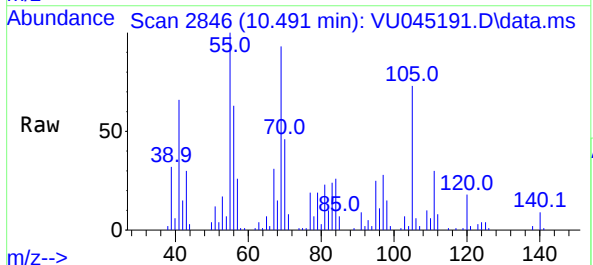
Tgt Ion: 91 Resp: 7603
Ion Ratio Lower Upper
91 100
92 60.8 40.5 75.1

Manual Integrations
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#61
Isopropylbenzene
Concen: 10.154 ug/L m
RT: 10.491 min Scan# 2846
Delta R.T. 0.003 min
Lab File: VU045191.D
Acq: 06 Oct 2021 17:25



Tgt Ion: 105 Resp: 24984
Ion Ratio Lower Upper
105 100
120 60.6 20.5 30.7#
77 37.0 13.5 20.3#

