

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
 Data File : VU045194.D
 Acq On : 06 Oct 2021 18:36
 Operator : SY/MD
 Sample : M3973-22ME
 Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW8Y6ME

Manual Integrations
 APPROVED

SAM
 10/17/2021 7:01:44 AM

Quant Time: Oct 07 03:03:44 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	345315	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	335005	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	166608	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	112321	29.713	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	59.420%#		
7) Chloroethane-d5	1.871	69	37747	12.601	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	25.200%#		
11) 1,1-Dichloroethene-d2	2.517	63	169554	26.709	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery =	53.420%#		
21) 2-Butanone-d5	4.649	46	224146	75.002	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	75.000%		
24) Chloroform-d	5.067	84	215662	36.122	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	72.240%		
26) 1,2-Dichloroethane-d4	5.703	65	157922	39.050	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.100%		
32) Benzene-d6	5.723	84	464044	39.919	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.840%		
36) 1,2-Dichloropropane-d6	6.694	67	153232	40.426	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	80.860%		
41) Toluene-d8	7.903	98	418550	41.722	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.440%		
43) trans-1,3-Dichloroprop...	8.185	79	70673	41.916	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.840%		
47) 2-Hexanone-d5	8.652	63	173253	82.481	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.480%		
56) 1,1,2,2-Tetrachloroeth...	10.767	84	238224	40.361	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	80.720%		
66) 1,2-Dichlorobenzene-d4	12.201	152	155965	43.015	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.020%		
Target Compounds						Qvalue
35) Methylcyclohexane	6.758	83	25143	5.032	ug/L	# 86
42) Toluene	7.973	91	7033	0.557	ug/L	97
61) Isopropylbenzene	10.491	105	27077m	2.221	ug/L	

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

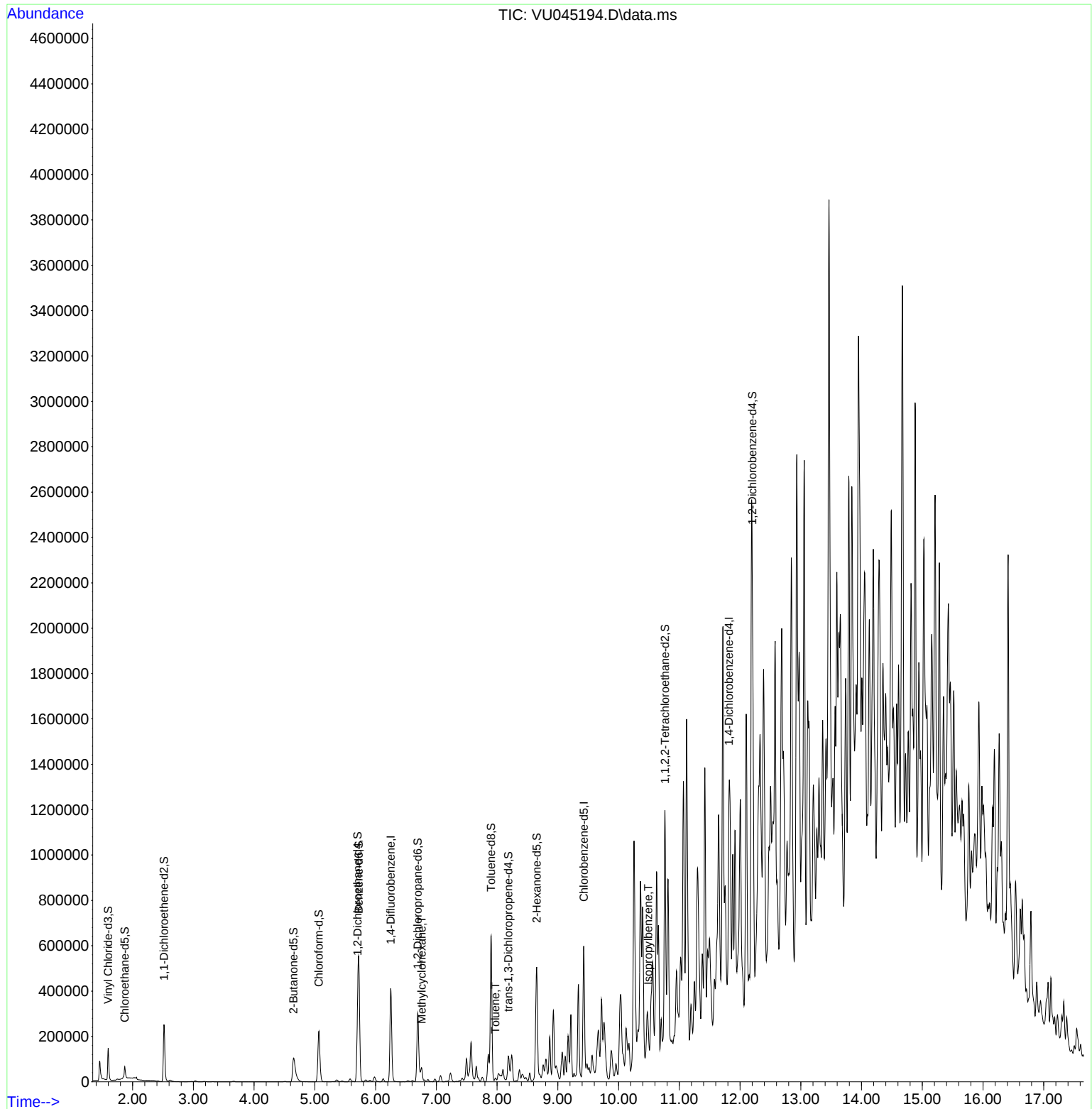
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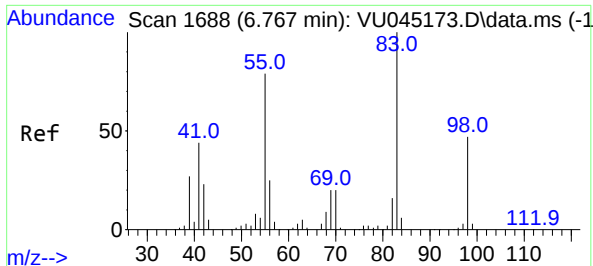
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#35

Methylcyclohexane

Concen: 5.032 ug/L

RT: 6.758 min Scan# 1685

Delta R.T. -0.009 min

Lab File: VU045194.D

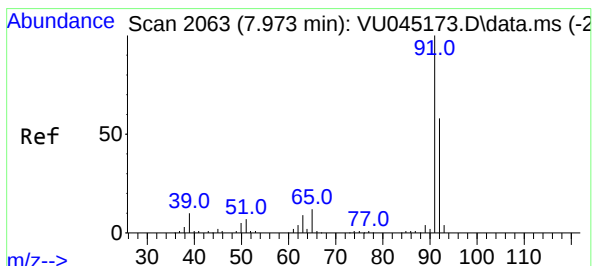
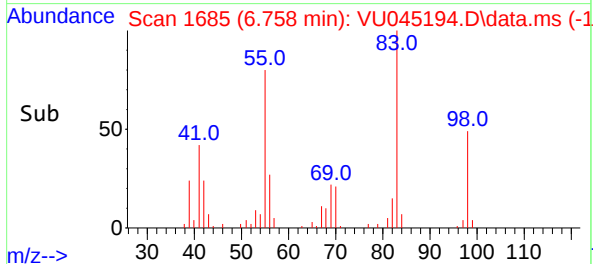
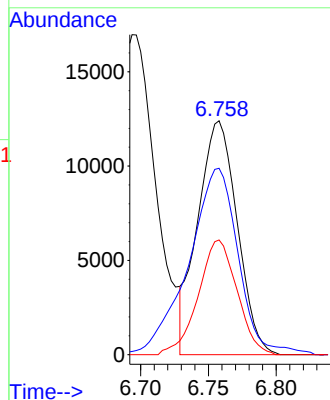
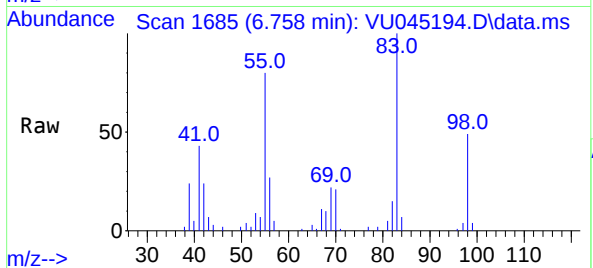
Acq: 06 Oct 2021 18:36

Tgt Ion:	83	Resp:	25143
Ion	Ratio	Lower	Upper
83	100		
55	100.6	65.8	98.6#
98	48.1	37.1	55.7

Instrument :
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ClientSampled :
EW8Y6ME

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#42

Toluene

Concen: 0.557 ug/L

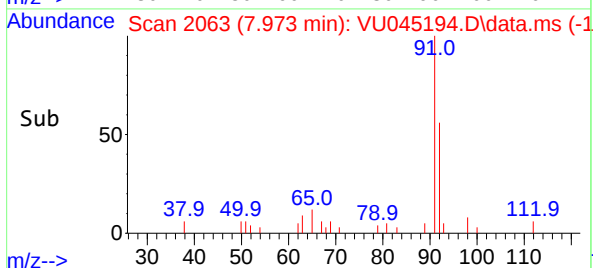
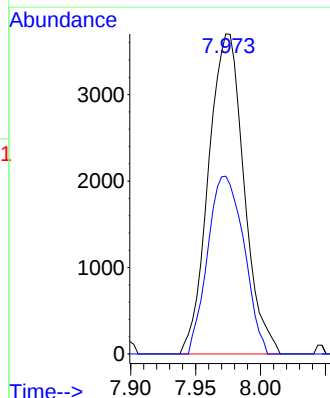
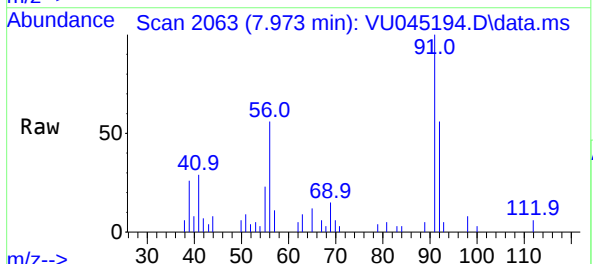
RT: 7.973 min Scan# 2063

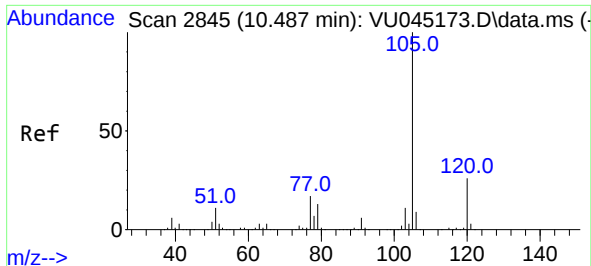
Delta R.T. 0.000 min

Lab File: VU045194.D

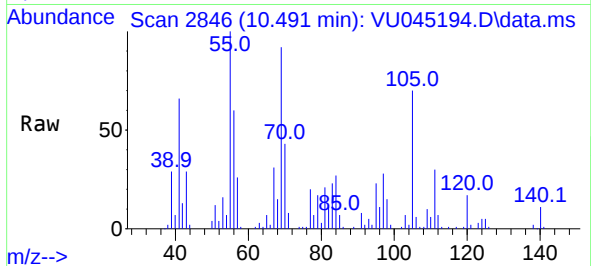
Acq: 06 Oct 2021 18:36

Tgt Ion:	91	Resp:	7033
Ion	Ratio	Lower	Upper
91	100		
92	55.5	40.5	75.1

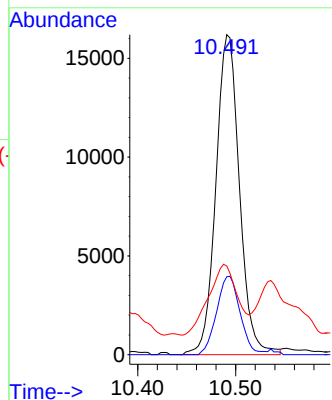
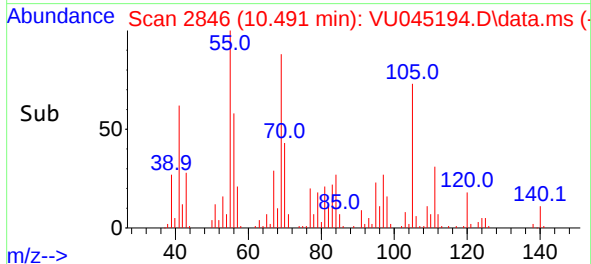




#61
Isopropylbenzene
Concen: 2.221 ug/L m
RT: 10.491 min Scan# 2846
Delta R.T. 0.003 min
Lab File: VU045194.D
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Tgt Ion:105 Resp: 27077
Ion Ratio Lower Upper
105 100
120 58.4 20.5 30.7#
77 33.4 13.5 20.3#



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